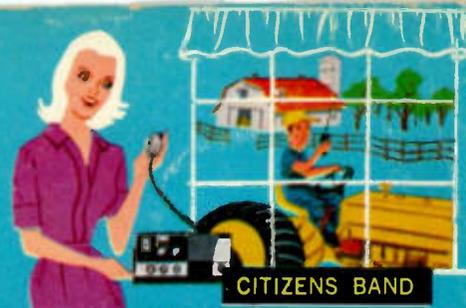




TAPE RECORDERS



HIGH FIDELITY



CITIZENS BAND

JAMAICA, 33, N. Y.

165-08 Liberty Avenue
AXtel 1-7000
Open MON. & FRI.
'til 8:45 P.M.

NEW YORK 13, N. Y.

100 6th Avenue
WOrth 6-5300
Open THURSDAY 'til
8:45 P.M.

BRONX 58, N. Y.

542 E. Fordham Rd.
FOrdham 7-8813
Open THURSDAY 'til
8:45 P.M.

SCARSDALE, N. Y.

691 Central (Park) Ave.
(1/2 Mile North of Ardsley Road)
GRGreenleaf 2-2700
Open MON., THURS. & FRI.
'til 9:15 P.M.

NEW MAIL ORDER & SALES CENTER

SYOSSET, L. I., N. Y.

111 JERICHO TURNPIKE
(2 Blocks West of South Oyster Bay Rd.)
Open MON., THURS. & FRI.
'til 8:45 P.M.

SHOP-BY-PHONE DEPT. WALnut 1-7500
INDUSTRIAL DIV. PHONE NUMBERS - SEE PAGE 5
OTHER DEPARTMENTS - WALnut 1-7700

OUR 42nd YEAR

1963

CATALOG NO. 630

LAFAYETTE

RADIO

ELECTRONICS

for Electronics, Science and Technology

INDEX PAGE 384

INDUSTRIAL DIVISIONS—See Page 5

BOSTON 10, MASS.

110 Federal Street
HUbbard 2-7850
Open MON. & WED.
'til 8:45 P.M.

NEWARK 2, N. J.

24 Central Avenue
MARket 2-1661
Open WEDNESDAY
'til 8:45 P.M.

PLAINFIELD, N. J.

139 W. 2nd Street
PLainfield 6-4718
Open THURSDAY 'til
8:45 P.M.

PARAMUS, N. J.

182 Route 17
(1 Mi. North of Garden State Plaza)
COlFax 1-8800
Open MON., WED. & FRI.
'til 8:45 P.M.



KITS · PARTS · TOOLS

Buy the **EASY-WAY** with **EASY-PAY**
Lafayette's convenient budget plan.
NO MONEY DOWN,
UP TO 24 MONTHS To Pay
For complete details see page 381.



HAM RADIO

TEST EQUIPMENT

New! Professional-Type 4-Track Stereo Recorder

BY LAFAYETTE

PROFESSIONAL QUALITY FEATURES

YOU'D EXPECT ONLY IN UNITS COSTING \$100 MORE



Two Level Meters for Precise Channel Balance



Two Full-Tone Self-Contained Matched Stereo Speakers



Pause Control for Expert Editing



Digital Tape Counter Helps You Find The Right Place on The Reel



Positive Action Motor Controls



Master and Individual Volume Controls for Each Channel

- Records 4-Track Stereo and 4-Track Monaural
- Plays 4- and 2-Track Stereo and 4-Track Monaural
- Two Speeds 3¾ & 7½ ips
- Wide Frequency Response for Life Like Reproduction
- Sound-On-Sound • Automatic Tape Stop

A remarkable tape recorder at an even more remarkable low price! With it you can record 4-track stereo and 4-track monaural and playback 4- and 2-track stereo and 4-track monaural; or record on one channel at a time (sound-on-sound) to accompany yourself for music or language lessons. Outstanding tape mechanism features a 4-pole heavy-duty air-cooled induction motor and rubber belt drive for double flutter filtering. Pressure pads and tape heads are mumetal shielded to prevent hum pick-up. Superb electronics consist of stereo transistorized preamps and vacuum tube amplifiers. 80 KC bias operation permits perfect FM stereo multiplex recordings. Useful automatic tape stop prevents tape spillage if tape breaks or runs out in Rewind, Wind or Record-Play functions. Complete with luxurious simulated leather case, 2 dynamic microphones, output cables empty tape reel and a 1200 ft. reel of tape. Shpg. wt., 34 lbs.

RK-155 WX Net 169.95

Complete with 2 dynamic mikes, output cables, 7 inch empty tape reel and 1200 feet of tape.



A complete recording studio in one case

SPECIFICATIONS

Frequency Response: 40-18,000 cps @ 7½ ips; 40-12,000 cps @ 3¾ ips. Amplifiers: 4 transistors, 7 tubes, full-wave bridge rectifier. S/N Ratio: 45 db, Interchannel Separation 45 db or better; Wow & Flutter: Less than 0.25% @ 7½ ips, Under 0.4% @ 3¾ ips; Bias & Erase: 80 KC; Controls: Pause; 2 Record Buttons W/Safety Interlocks, Rewind/Stop/Play; Stop/Fast Forward, Two 4x6" speakers, Tone control switch, Stereo/Mono Speaker Switch, 3 volume controls, 4 input jacks, 6 output jacks. For 117 volts 60 cycles AC. Size: 15¾Wx7½Hx11¼D.

DELIVERY
NOVEMBER 15, 1962

Only **169⁹⁵**
No Money Down

Specially designed to record FM Multiplex Broadcasts!

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THIS IS LAFAYETTE!

WORLD'S HI-FI AND ELECTRONICS SHOPPING CENTER

Now in our 42nd year, Lafayette does more, and offers more than ever before to our thousands of satisfied customers throughout the world. A tremendous inventory of thousands of electronic and high-fidelity components and parts are available to you through any of our four major Sales Divisions: Mail Order, Retail Store, International and Industrial. Each division offers you fast service, low prices and great savings.

NO MONEY DOWN

The Lafayette Easy-Pay Plan makes it easy for you to buy. NO MONEY DOWN, UP TO 24 MONTHS TO PAY. You choose the Easy-Pay Plan that suits you best — Regular, Extended or Alternate 60-Day. For complete information see page 381.

Satisfaction Guaranteed
Or Money Refunded
30-Day Free Home Trial

BUY WITH CONFIDENCE from Lafayette because you try your purchase at home for 30 days. If you decide to return it within that time, the full purchase price will be refunded, less only transportation charges. Merchandise, of course, must not be damaged, abused or mutilated. Kits wired by purchaser may be returned for inspection and repair at moderate charges.

LAFAYETTE KITS—All parts warranted to be free from defects and will be replaced at no charge for one year from date of purchase.

ALL PRICES AND SPECIFICATIONS in this catalog subject to change without notice. All shipping weights approximate.

Mail Order Division

CATALOG SHOP-BY-PHONE DEPT.—516 WALNUT 1-7500
MAIL ORDER AND OTHER DEPTS.—516 WALNUT 1-7700

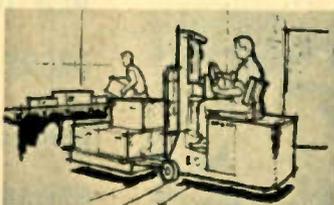
Our new Mail Order Headquarters in Syosset, New York covers over 8 acres of land and includes the most modern plant available. The latest type of automatic systems have been installed to process your order faster than ever—6 times faster.



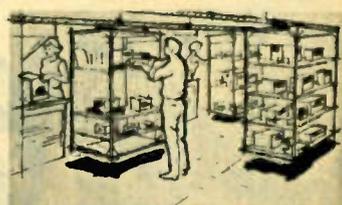
1 PNEUMATIC TUBES to speed your order for prompt, accurate filling.



2 FLOW BINS for speedy hand-selection of smaller items.



3 MODERN HEAVY EQUIPMENT for ease in carrying heavy loads.



4 OVERHEAD MONORAIL to zip your merchandise to the packing department.



5 EASY-FLOW CONVEYOR BELTS to move your completed order right to the shipping department.



6 SEVEN LOADING PLATFORMS to start your order on its way to you.

CHOOSE YOUR HI-FI SYSTEM—GET LAFAYETTE'S SPECIAL PRICE

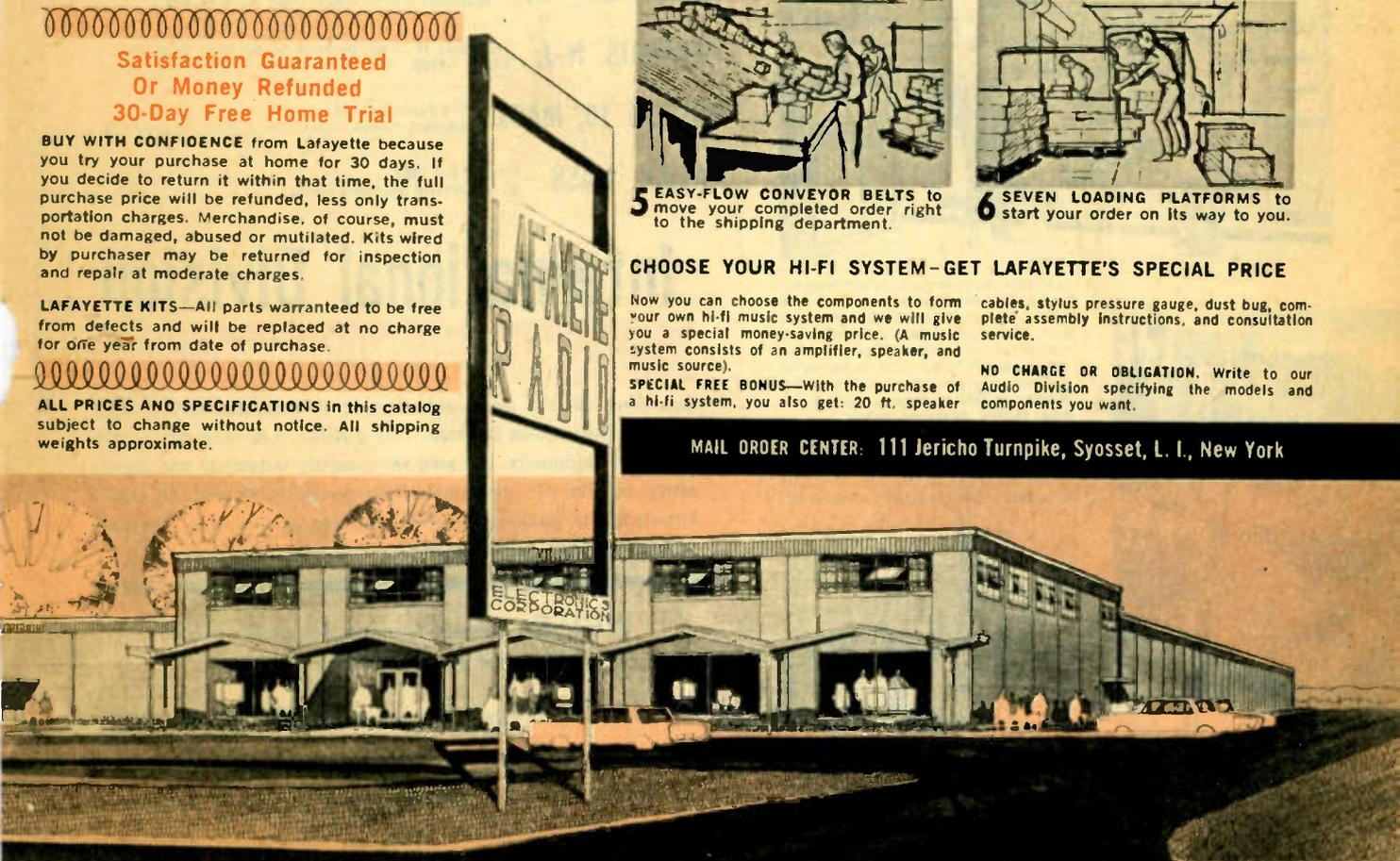
Now you can choose the components to form your own hi-fi music system and we will give you a special money-saving price. (A music system consists of an amplifier, speaker, and music source).

SPECIAL FREE BONUS—With the purchase of a hi-fi system, you also get: 20 ft. speaker

cables, stylus pressure gauge, dust bug, complete assembly instructions, and consultation service.

NO CHARGE OR OBLIGATION. Write to our Audio Division specifying the models and components you want.

MAIL ORDER CENTER: 111 Jericho Turnpike, Syosset, L. I., New York



THIS IS LAFAYETTE!

WORLD'S HI-FI AND ELECTRONICS SHOPPING CENTER

Thousands of items from the catalog are available for your inspection, plus a large selection of non-catalog items too.



Lafayette stores feature custom-designed Sound Studios engineered to help you select the hi-fi components you like best. A master control panel operates dozens of different components, enabling you to select from hundreds of different combinations of hi-fi systems. Nothing is left to chance because you hear exactly what you select.

Lafayette's Ham Shack features the latest equipment for the Ham, including Lafayette's own top-quality components.



Expert repair service is always yours at Lafayette . . . whether your item is still in warranty or out of warranty.

Retail Store Division

10 CONVENIENT LOCATIONS

This catalog in your home comes to life in a Lafayette Retail Store. When you visit a Lafayette Store, you will see a wide assortment of merchandise from the catalog, available for your inspection. Trained sales personnel will help you with your selections and answer all your questions. And don't forget . . . Lafayette guarantees your satisfaction. Easy-Pay credit plan is also available. Visit the Lafayette Store nearest you.

- SYOSSET, N. Y.** 111 Jericho Turnpike (2 Blocks West of So. Oyster Bay Rd.)
WALnut 1-7700—Open Mon., Thurs. & Fri. 'til 8:45 P.M.
CATALOG SHOP-BY-PHONE DEPT.—516 WALnut 1-7500
- JAMAICA 33, N. Y.** 165-08 Liberty Avenue (Off Merrick Rd.)
AXtel 1-7000—Open Mon., Fri. 'til 8:45 P.M.
- NEW YORK 13, N. Y.** 100 6th Avenue (off Canal St.)
Worth 6-5300—Open Thurs. 'til 8:45 P.M.
- BRONX 58, N. Y.** 542 E. Fordham Road
FORDham 7-8813—Open Thurs. 'til 8:45 P.M.
- SCARSDALE, N. Y.** 691 Central (Park) Avenue (½ Mile North of Ardsley Rd.)
GREENleaf 2-2700—Open Mon., Thurs. & Fri. 'til 9:15 P.M.
- NEWARK 2, N. J.** 24 Central Avenue
MARKet 2-1661—Open Wed. 'til 8:45 P.M.
- PLAINFIELD, N. J.** 139 W. 2nd Street
PLAINfield 6-4718—Open Thurs. 'til 8:45 P.M.
- PARAMUS, N. Y.** 182 Route 17 (1 Mi. North of Garden State Plaza)
COLfax 1-8800—Open Mon., Wed. & Fri. 'til 8:45 P.M.
- BOSTON 10, MASS.** 110 Federal Street
HUBbard 2-7850—Open Mon. & Wed. 'til 8:45 P.M.
- NATICK, MASS.** Opening Fall 1962
RT. 9 (Opposite Shopper's World)

International Division

SALES THROUGHOUT THE WORLD

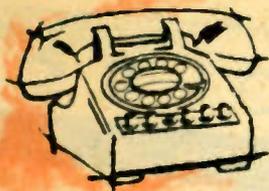
Rounding out the world-wide service of Lafayette is the International Electronics Division. This division is devoted exclusively to export shipments, not only for quantity industrial and dealer orders but for gifts and single item purchases as well. An expert knowledge of packing, crating, shipping and routing, are your assurance of the finest in service.

WRITE: Lafayette International Electronics Division
P.O. Box 296, Jamaica 31, N. Y., U.S.A.

PHONE: 212 AXtel 1-7000 **CABLE:** LAFRADELEC, N. Y.

FOR COMPLETE INFORMATION ON EXPORT ORDERS, SEE PAGE 383.

THIS IS LAFAYETTE!



"ONE CALL DOES IT ALL"

Industrial Concerns, Original Equipment Manufacturers (OEM), Research & Development Laboratories, Institutions, Schools, Colleges, Universities, Government Agencies, Broadcasting Stations — for all your industrial electronics needs, you need the Lafayette Industrial Electronics Division. For 42 years, industry has relied upon Lafayette as its "One Stop Electronics Source" . . . just one call fills your entire order. You save time and money with Lafayette's 5-Star Industrial Service.



Industrial Electronics Division

5-STAR INDUSTRIAL SERVICE

- 1. COMPLETE STOCK** We maintain a complete inventory, stocked in depth. This catalog contains only a partial listing.
- 2. LOWEST FACTORY PRICES** You always pay the lowest factory price at Lafayette. OEM quantity discount prices available on request.
- 3. SPECIALIZED SERVICE** Government Agencies, Industry, Research, Education, Broadcasting, Military . . . trained industrial personnel are available for technical, price and delivery information.
- 4. SAME DAY SERVICE** Three major industrial warehouses, with modern automation equipment, process and ship your order the same day it is received.
- 5. INDUSTRIAL SALES OFFICES** Fully staffed sales centers offer nation-wide service to cut your shipping costs, reduce production delays and consolidate your purchasing to save you time and money.

SPECIAL TO SEMICONDUCTOR BUYERS — Lafayette supplies, from stock, source-inspected JAN, USN, USAF and USA type transistors and diodes for orders with Government contracts.

**INDUSTRIAL — INSTITUTIONAL
GOVERNMENT AGENCY BUYERS**

WRITE or PHONE for Complete, Personalized Service

Metropolitan New York — Nassau & Suffolk Counties
212 Olympia 8-5050 165-08 Liberty Ave., Jamaica 33, N.Y.

New England
617 Hubbard 2-0311
110 Federal St., Boston, Mass.

New Jersey
201 Mitchell 3-6868
24 Central Ave., Newark, N.J.

ENTERPRISE NUMBERS IN MAJOR CITIES

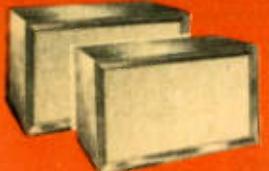
**Known Coast-to-Coast for
SERVICE • INTEGRITY • DEPENDABILITY**

A COMPLETE STEREO SYSTEM BASED ON THE SUPERB LA-250A

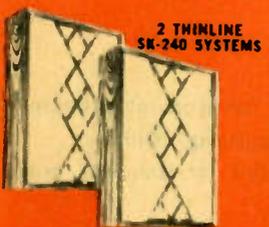
brehtaking performance at a price only LAFAYETTE can offer.



LAFAYETTE LA-250A
50-WATT STEREO AMPLIFIER



(OPTIONAL)
2 LAFAYETTE ELIPTOFLEX SERIES
BOOKSHELF ENCLOSURES

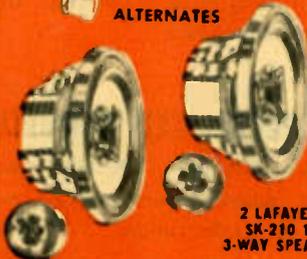


2 THINLINE
SK-240 SYSTEMS

2 LAFAYETTE SK-180
"TRINELIX" SPEAKERS



ALTERNATES



2 LAFAYETTE
SK-210 12"
3-WAY SPEAKERS



GARRARD
AT 6
On Base



2 LAFAYETTE
SK-58 FREE-EDGE 12"
COAXIAL SPEAKERS



ALTERNATE

GLASER-STEERS GS-77T



LAFAYETTE
WOOD BASE

| | | | |
|----------------------------|-----------|------------|------------------|
| CHOICE OF STEREO CARTRIDGE | Shure M3D | Empire 880 | Pickering U38/AT |
|----------------------------|-----------|------------|------------------|

THE SMART WAY TO BUY HI-FI!

Lafayette's Most Popular Stereo Phono System

Take the superb Lafayette LA-250A, surround it with star-studded performers that match in quality and performance, pre-pack the system so it can be offered at substantial savings, and you have the most popular Lafayette Stereo Phono System.

This outstanding system features Lafayette's own LA-250A—50-watt integrated stereo amplifier. The LA-250A offers features, versatility and advanced circuitry not found in amplifiers in its price range. A unique blend control allows continuously variable channel separation from full monaural to full stereo. This fine stereo preamplifier and amplifier provides the utmost in listening pleasure in any stereo situation. The LA-250A has been called the "Best amplifier in the market for its price."

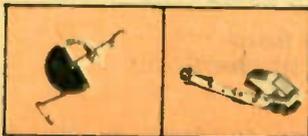
Included in the system is the Garrard AT 6 4-speed record changer or the Glaser-Steers GS-77T 4-speed record changer—both wired for stereo and monaural use. The changer is supplied with your choice of .7 Mil Diamond Stereo Cartridges—Pickering U38/AT, Shure M3D, or Empire 880. The Lafayette Wood Base, specially designed for the changer, is available in mahogany, walnut, or blonde.

These outstanding components are coupled with the famous, free-edge Lafayette SK-58 12" coaxial speakers with built-in cross-over networks and brilliance level controls. System supplied with plugs, cables and easy-to-follow instructions.

For complete description of components in this system, and optional equipment, see other pages in this catalog.

FREE

ESL DUST BUG, Stylus Pressure Gauge, 20 ft. Speaker connecting cable, all necessary connectors, and Interconnecting Instructions with purchase of any Hi-Fi System listed on this page.



MATCHED COMPONENTS

| | |
|--|-------|
| Lafayette LA-250A 50-Watt Stereo Amplifier | 99.50 |
| Garrard AT 6 4-Speed Record Changer | 54.50 |
| Lafayette Wood Changer Base | 3.95 |
| Pickering U38/AT Diamond Needle Stereo Cartridge | 46.50 |
| 2-Lafayette SK-58 Famous Free-Edge 12" Coaxial Speakers @ 29.50 Each | 59.00 |

Regular Catalog Price ~~263.45~~

LAFAYETTE SYSTEM PRICE

You Save 63.95

EASY BUDGET PLAN
SEE PAGE 381

199.50

NO MONEY DOWN

LAFAYETTE MATCHED STEREOPHONIC SYSTEMS

*Make Certain to Indicate your Choice of
Either Pickering U38/AT, Shure M3D, or Empire 880 Cartridge.

| System No. | Amplifier | Changer | Cart.* | Base | Speaker | Speaker Cabinet** | Shpg. Wt. | Net |
|------------|-----------|---------|-----------|------------------|------------------|-------------------|-----------|--------|
| LS-285WXM | LA-250A | AT 6 | Choice of | † 2 ea. SK-58 | — | — | 67 lbs. | 199.50 |
| LS-286WXM | LA-250A | GS-77T | | | | | | |
| LS-287WXM | LA-250A | AT 6 | Pickering | † 2 ea. SK-58 | 2 ea. Eliptoflex | 143 lbs. | 265.50 | 265.50 |
| LS-288WXM | LA-250A | GS-77T | | | | | | |
| LS-289WXM | LA-250A | AT 6 | U38/AT | † 2 ea. SK-180 | — | — | 67 lbs. | 203.50 |
| LS-290WXM | LA-250A | GS-77T | | | | | | |
| LS-291WXM | LA-250A | AT 6 | or Shure | † 2 ea. SK-180 | 2 ea. Eliptoflex | 143 lbs. | 269.50 | 269.50 |
| LS-292WXM | LA-250A | GS-77T | | | | | | |
| LS-293WXM | LA-250A | AT 6 | M3D | † 2 ea. SK-210 | — | — | 70 lbs. | 233.50 |
| LS-294WXM | LA-250A | GS-77T | | | | | | |
| LS-295WXM | LA-250A | AT 6 | or Empire | † 2 ea. SK-210 | 2 ea. Eliptoflex | 146 lbs. | 289.50 | 289.50 |
| LS-296WXM | LA-250A | GS-77T | | | | | | |
| LS-297WXM | LA-250A | Model A | 880 | † 2 ea. SK-58 | — | — | 70 lbs. | 210.50 |
| LS-298WXM | LA-250A | AT 6 | | | | | | |
| LS-299WXM | LA-250A | GS-77T | 880 | † 2 ea. SK-240†† | — | — | 93 lbs. | 264.50 |
| LS-300WXM | LA-250A | Model A | | | | | | |

Eliptoflex-12" shelf type speaker enclosure. †—Specify Mahogany, Walnut or Blonde base. **—Specify Mahogany, Walnut, Oiled Walnut or Blonde. GS-77T=Glaser Steers 4-Speed Record Changer, Model A=Garrard 4-Speed Automatic Turntable Changer. ††=LAFAYETTE SK-240 DELUXE THIN LINE SPEAKER SYSTEM. Oh. Wal.

**NEW! LAFAYETTE
"CRITERION"
STEREO HI-FI
MATCHED CABINETS**

- DISTINCTIVE STYLING
- FINEST ACOUSTIC DESIGN FOR QUALITY HIGH FIDELITY PERFORMANCE



AT FAMOUS LAFAYETTE PRICES!

UP TO 24 MONTHS TO PAY SEE PAGE 381

FREE

ESL DUST BUS, Stylus Pressure Gauge, 20 ft. Speaker connecting cable, all necessary connectors, and Interconnecting Instructions with purchase of an Hi-Fi System listed below.



NEW! LAFAYETTE "CRITERION" EQUIPMENT CABINET

"Component Engineered" By Lafayette's Audio Engineers To Provide Ample, Convenient, Well-Ventilated Accommodations For All Of Your Components. Forms Perfectly Matched Furniture Ensemble with "Criterion" Eliptoflex Speaker Enclosure, as well as with Shelf-Type Eliptoflex listed in systems on opposite page. 1 3/4" lumber core woods throughout with finished veneers inside as well as out. Smartly styled with tapered legs and gold side trim.

Four compartments for housing turntable or changer, amplifier, tuner, etc. with room for record storage. Shpg. wt., 70 lbs.

- CAB-137WX Walnut Net 89.50
- CAB-138WX Oiled Walnut Net 89.50
- CAB-139WX Mahogany Net 89.50



LAFAYETTE CRITERION ELIPTOFLEX SPEAKER CABINET IN MATCHED 50-WATT STEREOPHONIC SYSTEMS

CRITERION SPEAKER ENCLOSURE USED WITH COMPONENTS DESCRIBED ON THE PREVIOUS PAGE

- Lafayette LA-250A 50-Watt Stereo Amplifier 99.50
- Garrard AT 6 4-Speed Record Changer 54.50
- Wood Base For Record Changer 3.95
- Pickering U38/AT Diamond Needle Stereo Cartridge 46.50
- 2 Lafayette SH-58 Famous Free-Edge 12" Coaxial Speakers @ 29.50 each 59.00
- 2 Criterion Speaker Enclosures @ 59.50 each 119.00

(Specify Walnut, Oiled Walnut, or Mahogany)
Regular Catalog Price ~~382.45~~

LAFAYETTE SYSTEM PRICE

314⁵⁰

NO MONEY DOWN
You Save 67.95

LA-250A HI-FI STEREO SYSTEMS

*Be Sure to Specify Choice of Pickering U38/AT, Shure M38 or Empire 880

| System | Amplifier | Changer | Changer Base† | Cartridge* | Speakers | Cabinets** | Shpg. Wt. Lbs. | Net |
|-----------|-------------------|-----------------------|---------------|---|--------------------|----------------------|----------------|--------|
| LS-273WXM | LA-250A | Garrard AT 6 | Left | Choice of Pickering U38/AT, Shure M38 or Empire 880 | 2 SK-58 | Criterion-Eliptoflex | 120 | 314.50 |
| LS-274WXM | LA-250A | Glasser-Steers GS-777 | Left | | 2 SK-58 | Criterion-Eliptoflex | 123 | 314.50 |
| LS-278WXM | LA-250A | Garrard AT 6 | Left | | 2 SK-180 | Criterion-Eliptoflex | 114 | 318.50 |
| LS-276WXM | LA-250A | Glasser-Steers GS-777 | Left | | 2 SK-180 | Criterion-Eliptoflex | 117 | 318.50 |
| LS-277WXM | LA-250A | Garrard AT 6 | Left | | 2 SK-210 | Criterion-Eliptoflex | 120 | 345.00 |
| LS-278WXM | LA-250A | Glasser-Steers GS-777 | Left | | 2 SK-210 | Criterion-Eliptoflex | 120 | 345.00 |
| LS-279WXM | Same as LS-273WXM | System above | PLUS | Lafayette LT-700WX | FM Multiplex Tuner | | 136 | 425.50 |
| LS-280WXM | Same as LS-274WXM | System above | PLUS | Lafayette LT-700WX | FM Multiplex Tuner | | 139 | 425.50 |
| LS-281WXM | Same as LS-275WXM | System above | PLUS | Lafayette LT-700WX | FM Multiplex Tuner | | 130 | 429.50 |
| LS-282WXM | Same as LS-276WXM | System above | PLUS | Lafayette LT-700WX | FM Multiplex Tuner | | 133 | 429.50 |
| LS-283WXM | Same as LS-277WXM | System above | PLUS | Lafayette LT-700WX | FM Multiplex Tuner | | 136 | 459.50 |
| LS-284WXM | Same as LS-278WXM | System above | PLUS | Lafayette LT-700WX | FM Multiplex Tuner | | 136 | 459.50 |

†Specify Mahogany, Walnut or Blonde; **Specify Walnut, Oiled Walnut, or Mahogany.



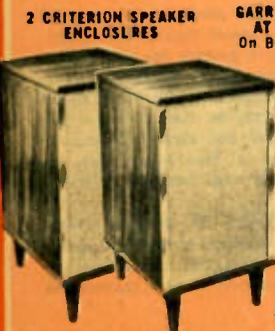
LAFAYETTE LA-250A 50-WATT STEREO AMPLIFIER



PICKERING U38/AT



GARRARD AT 6 On Base



2 CRITERION SPEAKER ENCLOSURES



2 LAFAYETTE SH-58 FREE-EDGE 12" COAXIAL SPEAKERS

LAFAYETTE 50-WATT STEREO AMPLIFIER MODEL LA-250A



Made in U.S.A.

99⁵⁰
NO MONEY DOWN
EASY BUDGET PLAN SEE PAGE 381

... Impressive Performance
... Handsome Styling
... Another Unbeatable Lafayette VALUE!

**ENGINEERED
FOR
SUPREMACY**



"Let Your Own Ears be the Judge!"

- 50 WATTS MONAURAL — 25 WATTS EACH STEREO CHANNEL
- RESPONSE 15-40,000 CPS \pm .5 DB (at normal listening level)
- UNIQUE "SEPARATION" CONTROL • PREMIUM OUTPUT TUBES
- SEPARATE BASS & TREBLE CONTROLS • CLUTCH-TYPE VOLUME-BALANCE CONTROL • 3rd CHANNEL OUTPUT

***breathhtaking performance
at a price only LAFAYETTE can offer.***

| | |
|--|---|
| <p>CLUTCH-TYPE VOLUME-BALANCE CONTROL—Provides precise effective means of controlling volume and balancing stereo channels.</p> | |
| | <p>DUAL PREAMPLIFIER SECTION — Inputs have been provided for every stereo-monaural function.</p> |

SPECIFICATIONS:

POWER OUTPUT & DISTORTION: 50 watts—25 per channel \pm 1 db at less than 1% Total Harmonic Distortion at 1 KC. Less than 0.25% Total Harmonic Distortion at 1 KC at normal listening level (1 watt); less than 0.5% 1M distortion at normal listening level.

FREQUENCY RESPONSE: 15-40,000 cps \pm 0.5 db at normal listening level.

HUM & NOISE: 70 db below rated output at max. volume (high level inputs).

SENSITIVITY: For full output high level inputs 0.5V; Mag. Phono 3.5 MV at 1 KC.

CHANNEL SEPARATION: Greater than 55 db at 1 KC; greater than 45 db from 20-20,000 cps.

IMPEDANCE: 4, 8 and 16 ohms per channel.

POWER: 200 watts; 110-125V AC 50-60 cycles

Attractive beige vinyl laminated steel case. Hand-somely designed three color brass etched front panel. Sienna brown molded legs and matching knobs with polished brass inserts. Dimensions with legs and knobs, 14 $\frac{1}{2}$ "x12 $\frac{3}{4}$ "x5 $\frac{1}{2}$ "H. Shpg. wt., 28 lbs.

The Stereo 250A . . . a completely new stereo high fidelity amplifier with a high quality of reproduction, remarkable versatility and new distinctive styling—worthy of a place in the finest stereo hi-fi music system. A full range of controls enables you to enjoy the utmost in listening pleasure in any situation. A unique "separation" control provides continuously variable channel separation—from full monaural to full stereo—may be used to eliminate the exaggerated channel separation found in some stereo source material. Included is a clutch-type Volume Balance control for independent or simultaneous control of both channels, concentric Bass and Treble controls which provide independent tonal control of each channel and a 4-position switch which selects phono, tuner, auxiliary or tape head stereo inputs. Simple slide switches pro-

vide channel reversal and phase reversal—or you can reproduce either channel through both amplifiers. A loudness switch permits the volume balance control to function as a compensated loudness control. The LA-250A also features a 3rd channel output which may be used to feed a 3rd single channel amplifier and speaker to provide a wider sound spread, a Tape Output jack for recording purposes, plus dual terminations for 4, 8 or 16 ohm speakers. Advanced circuitry includes DC operated preamp and tone control tube filaments for hum-free operation, 6CW5/EL86 push-pull output tubes, individual bias and balance adjustments on each channel and a hum balance control.

LA-250AWX

Net 99.50

LAFAYETTE 40-WATT STEREO AMPLIFIER LA-240

Dual 20-Watt Power Amplifiers-Dual Stereo Preamplifiers
 ... A Complete STEREO CONTROL CENTER
 One Handsome Compact Unit



7995

EASY BUDGET PLAN
 SEE PAGE 381

- Concentric Volume/Balance Control • Less Than 1% Harmonic Distortion at Rated Output • Hum & Noise 80 db Below Rated Output • Frequency Response: 12-100,000 cps \pm 1 db at 1 Watt • Variable Separation Control Eliminates Exaggerated Channel Separation • Dual Concentric Bass & Treble Controls • High Sensitivity Allows Use With All Stereo Cartridges

COMPARE THESE FEATURES.

Quality, Design and Performance That Are Remarkable—The Lafayette LA-240 represents the highest standards of stereophonic amplifier design—literally creating a new meaning for excellence. Use of the most advanced engineering techniques and finest components have resulted in a powerful 40-watt stereo amplifier incorporating two 20-watt power channels and dual preamplifier. A level of flexibility and performance have been achieved that can only be compared with units twice the price.

Separation Control—Provides continuously variable channel separation from full stereo to full monaural, thus insuring the correct degree of stereo separation for individual listening tastes and room acoustics.

Independent Tone Controls—Concentrically mounted bass and treble controls for each channel.

Volume—Balance Control—Individual level controls for each channel.

Loudness Switch—Allows the volume controls to function as compensated loudness controls and provides the frequency response changes required by the ear at low distortion levels.

Rumble Filter—Reduces rumble from a noisy turntable with a minimum effect on program material.

Mode Switching—Ch A and Ch B slide switches provide for normal stereo, reverse channel, monophonic A or monophonic B.

Selector Switch—Instant selection of Aux, Tuner, Phono or Tape Head Inputs—non-shorting position permits recording and playback using a permanently connected tape recorder.

Hum Balance Controls—Individual hum balance controls for each channel located at the rear for fast, easy minimum hum adjustment.

Full Range of Inputs & Outputs—Inputs: (5 stereo pairs) Dual Aux—Dual Tuner—Dual Ceramic Phono—Dual Mag. Phono—Dual Tape Head; Outputs: Dual Tape Out—Dual 8 and 16-ohm speaker terminals.

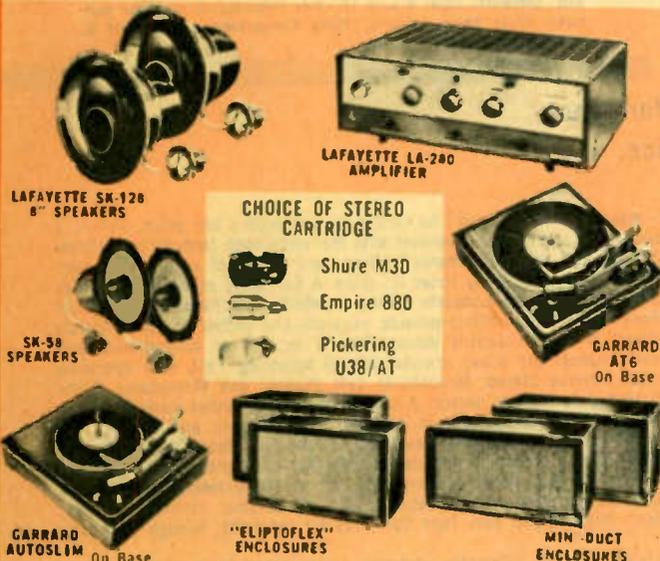
Superb Low Silhouette Styling makes the LA-240 an amplifier you'll be proud to display. Gold finish cover is set off by an ivory and gold front panel with gold metal knobs. Complete with cage and legs. Overall Dimensions: 14 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "x5 $\frac{3}{4}$ "H. For 115V AC operation. Power consumption 185 watts. Shpg. wt., 25 lbs. Imported.

LA-240WX Net 79.95

SPECIFICATIONS

Power Output and Distortion—20 watts per channel at less than 1% total harmonic distortion at 1 Kc. Less than 0.25% total harmonic distortion at 14 watts; less than 0.12% at 1 watt. Intermodulation Distortion. 075% at 1 watt; .34% at 10 watts. Frequency Response: 12 to 100,000 cps \pm 1 db at 1 watt. 50 to 70,000 cps \pm 1 db at full output. Sensitivity: For full output: High Level Inputs 0.75v Mag. Inputs 5.5 Mv at 1 Kc. Tone Control Range: Treble: 12 db boost or cut at 10 Kc. Bass: 15 db boost or cut at 50 cps. Hum and Noise: Zero volume hum: 80 db below rated output. Maximum volume hum: High level inputs, 78 db below rated output; Mag. Phono inputs, 50 db below rated output. Outputs: Dual 8 and 16 ohm impedance speaker outputs. Dual Tape outputs. Tube Complement: 4—6BQ5/EL84, 2—6BL8/ECF80, 3—12AX7/ECC83, 1—GZ34/SAR4.

LAFAYETTE 40-WATT MATCHED STEREO SYSTEM



COMPONENTS

| | |
|--|-------|
| Lafayette LA-240 40-Watt Stereo Amplifier | 79.95 |
| Garrard Autoslim 4-Speed Record Changer | 39.50 |
| Wood Base for Changer (Specify Walnut, Mahogany or Blonde) | 3.95 |
| Pickering U38/AT Diamond Needle Cartridge | 46.50 |
| 2-Lafayette SK-128 Biaxial Speakers @ 19.50 | 39.00 |

Regular Catalog Price ~~206.90~~

LAFAYETTE SYSTEM PRICE

YOU SAVE 63.40

145.50

Lafayette 40-Watt Matched Stereo Systems

*Specify choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond Needle Stereo Cartridge.

| System | Amplifier | Garrard Changer | Cartridge* | Base | Speakers | Cabinet | lbs. | Net |
|-----------|-----------|-----------------|------------|------|----------|---------------|------|--------|
| LS-353WXM | LA-240 | Autoslim | Choice of | † | 2 SK-128 | — | 50 | 145.50 |
| LS-354WXM | LA-240 | AT6 | Pickering | † | 2 SK-128 | — | 53 | 157.50 |
| LS-355WXM | LA-240 | Autoslim | U38/AT | † | 2 SK-128 | 2 Mini-Duct** | 95 | 189.50 |
| LS-356WXM | LA-240 | AT6 | Shure | † | 2 SK-128 | 2 Mini-Duct** | 98 | 201.50 |
| LS-357WXM | LA-240 | Autoslim | M3D, or | † | 2 SK-58 | — | 58 | 165.50 |
| LS-358WXM | LA-240 | AT6 | Empire | † | 2 SK-58 | — | 61 | 177.50 |
| LS-359WXM | LA-240 | Autoslim | 880 | † | 2 SK-58 | 2 Eliptoflex† | 109 | 223.50 |
| LS-360WXM | LA-240 | AT6 | | † | 2 SK-58 | 2 Eliptoflex† | 109 | 235.50 |

†Specify walnut, mahogany or blonde finish.
 *Specify walnut, mahogany or oiled walnut.
 †Specify walnut, oiled walnut, mahogany or blonde.

FREE

ESL Dust Bug, Stylus Pressure Gauge, 20' Speaker Interconnecting Cable, All Necessary Connectors, and Interconnecting Instructions, with Purchase of Any System Listed on this Page.

EXCLUSIVE LAFAYETTE STEREO AMPLIFIER TRIUMPH!

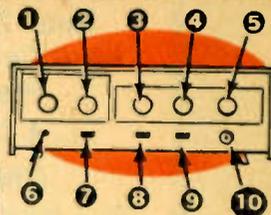
24-Watt Stereo Amplifier

LA-224

NO MONEY DOWN

49⁹⁵

EASY
PAY PLAN
SEE PAGE 381



FULL STEREO CONTROLS

- 1 3-Position Selector Switch
- 2 4-Position mode Switch—Mono Left, Mono Right, Stereo, Reverse
- 3 Dual Concentric Treble Control
- 4 Dual Concentric Bass Control
- 5 Dual Concentric Volume/Balance Control
- 6 Pilot Light Indicator
- 7 Rumble Filter Switch
- 8 Phase Reverse Switch
- 9 Speaker-Headphone Selector Switch
- 10 Headphone Jack

SPECIFICATIONS

Power Output: 12 watts per channel stereo. 24-watts monaural operation. **Frequency Response:** 20-100,000 CPS \pm 1db at 1 watt, 50-50,000 CPS \pm 1db at 12 watts. **Hum and Noise:** Mag Phone—56 db below rated output, Tuner—73 db below rated output. **Distortion:** less than 1% total harmonic distortion at 12 watts (1KC), less than .25% total harmonic distortion at 1 watt (1KC). **Sensitivity:** Low Level (Mag Input) 5mv at full output, High Level .6v at full output. **Outputs:** Dual 8 and 16 ohm impedance speaker outputs. **Dual Tape outputs, Tube Complement:** Total of 8, 3-12AX7, 4-6GW8, 1-5AR4.

Dual 12-Watt Stereo Amplifier

Coupled With a Versatile Stereo Preamplifier . . . Performance

The Equal of Units 2 & 3 Times Its Power & Price.

CHECK THESE QUALITY FEATURES

- ✓ Stereo Headphone Jack
- ✓ Independent Concentric Bass & Treble Controls For Each Channel
- ✓ Concentric Volume Balance Control
- ✓ Frequency Response: 20-100,000 CPS
 \pm 1 db at 1 Watt
- ✓ Hum & Noise—73 db Below Rated Output
- ✓ High Sensitivity Allows Use With All Stereo Cartridges

FIRST RATE—make no mistake, don't be misled by Lafayette's low price. This is a Brilliant Stereo Performer . . . an amplifier with the wide-range frequency response, low distortion, low hum and noise characteristics you'd expect of amplifiers 2, even 3 times its power rating and many times its price. A full range of control facilities have been provided to assure complete Stereo capability and flexibility. Two dual concentric Bass and Treble controls provide separate and individual tone controls for each channel. A dual concentric volume Control acts as an independent level control for each channel and allows precise channel balancing. Fast, easy operation between Stereo, Reverse Stereo, Monophonic Left channel and Monophonic Right channel is furnished by a Mode switch. A selector Switch furnishes switching from Aux, Tuner or Phono music sources. In addition slide switches are included for: Rumble Filter (off-on) Phase (normal-reverse) and to take full advantage of the front panel Headphone Jack a switch is provided for speaker or phone operation. Paired inputs located on the rear panel accommodate any of the ordinary stereo sound sources—inputs are included for magnetic, crystal or ceramic cartridges; Tuner, tape or auxiliary (high output) plus Tape Out jacks for recording through your tape recorder.

Beautifully styled in a low silhouette enclosure, color keyed to do justice to any decor. Ivory and gold front panel is contrasted by gold metal knobs and enclosure. Complete with cage and legs. Size: 5½" L x 12½" W x 8½" D. For 115V 60 cycle AC operation. Shpg. wt., 20 lbs. Imported
LA-224WX

Net 49.95

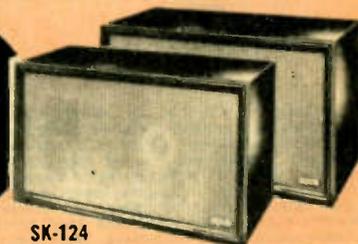
LAFAYETTE 24-WATT MATCHED STEREO SYSTEMS



LA-224



Garrard Autoslim
On Base



SK-124

129.50

NO MONEY DOWN
BUY ON TIME SEE PAGE 381

YOUR CHOICE OF ONE OF THESE CARTRIDGES



Shure M3D



Empire 880



Pickering U38/AT

ALTERNATES



Garrard AT6



Glaser-Steers GS-77T

COMPLETE SYSTEM MATCHED COMPONENTS

| | |
|---|-------------|
| Lafayette LA-224 24-Watt Stereo Amplifier | 49.95 |
| Garrard Autoslim 4-Speed Record Changer | 39.50 |
| Base for Changer (Specify finish) | 3.95 |
| Pickering U38/AT Diamond Needle Cartridge | 46.50 |
| 2 Lafayette SK-124 Ultra-Compliance 2-way Speaker System (Specify Walnut or Mahogany) @ 19.95 each | 2 For 38.90 |

REGULAR CATALOG PRICE ~~178.80~~

LAFAYETTE SPECIAL PRICE 129.50

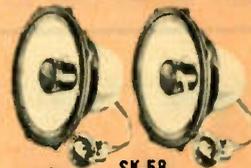
YOU SAVE 49.30

NO MONEY DOWN

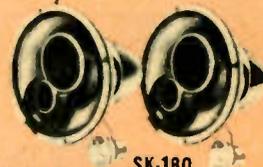
UP TO 24 MONTHS TO PAY SEE PAGE 381

- The LA-224 offers performance the equal of units 2 or 3 times its power and price. Consists of two 12-watt amplifiers coupled with a versatile stereo pre-amplifier. Provides all stereo controls including front panel headphone jack.
- The 4-speed Garrard Autoslim Automatic/Manual changer introduces a new standard of styling, features and performance and is supplied with your choice of stereo cartridges. Excellent stereo reproduction.
- Two Lafayette SK-214 2-way speaker systems offer absolutely gigantic full size performance. Each occupies less than one cu. ft. of space while providing outstanding purity of sound from 40-16,000 cps.

ALTERNATES

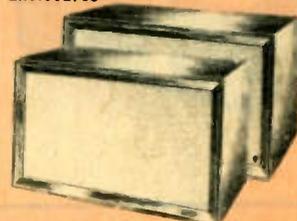


SK-58



SK-180

"Eliptoflex"
Enclosures



LAFAYETTE 24-WATT EXPERTLY MATCHED STEREO HI-FI SYSTEMS

| System | Amp. | Changer | Cartridge* | Changer Base† | Speakers | Spkr. Cabinet | Shpg. wt., Lbs. | Net |
|-----------|--------|----------------------|---|---------------|----------------|----------------|-----------------|--------|
| LS-225WXM | LA-224 | Garrard Autoslim | Choice of Pickering U38/AT, Shure M3D or Empire 880 | Laff | 2 SK-124** | — | 64 | 129.50 |
| LS-226WXM | LA-224 | Garrard AT6 | | Laff | 2 SK-124** | — | 67 | 141.50 |
| LS-227WXM | LA-224 | Glaser-Steers GS-77T | | Laff | 2 SK-124** | — | 68 | 141.50 |
| LS-228WXM | LA-224 | Garrard Autoslim | | Laff | 2 SK-58 | — | 56 | 149.95 |
| LS-229WXM | LA-224 | Garrard AT6 | | Laff | 2 SK-58 | — | 59 | 161.95 |
| LS-230WXM | LA-224 | Glaser-Steers GS-77T | | Laff | 2 SK-58 | — | 60 | 161.95 |
| LS-231WXM | LA-224 | Garrard Autoslim | | Laff | 2 SK-58 | 2 Eliptoflex†† | 104 | 209.95 |
| LS-232WXM | LA-224 | Garrard AT6 | | Laff | 2 SK-58 | 2 Eliptoflex†† | 107 | 221.95 |
| LS-233WXM | LA-224 | Glaser-Steers GS-77T | | Laff | 2 SK-58 | 2 Eliptoflex†† | 108 | 221.95 |
| LS-234WXM | LA-224 | Garrard Autoslim | | Laff | 2 SK-180 | — | 50 | 139.95 |
| LS-235WXM | LA-224 | Garrard AT6 | Laff | 2 SK-180 | — | 53 | 151.95 | |
| LS-236WXM | LA-224 | Glaser-Steers GS-77T | Laff | 2 SK-180 | — | 54 | 151.95 | |
| LS-237WXM | LA-224 | Garrard Autoslim | Laff | 2 SK-180 | 2 Eliptoflex†† | 98 | 199.50 | |
| LS-238WXM | LA-224 | Garrard AT6 | Laff | 2 SK-180 | 2 Eliptoflex†† | 101 | 215.50 | |
| LS-239WXM | LA-224 | Glaser-Steers GS-77T | Laff | 2 SK-180 | 2 Eliptoflex†† | 102 | 215.50 | |
| LS-240WXM | LA-224 | Garrard Autoslim | Laff | 2 SK-128 | — | 44 | 129.50 | |
| LS-241WXM | LA-224 | Garrard AT6 | Laff | 2 SK-128 | — | 47 | 141.50 | |
| LS-242WXM | LA-224 | Glaser-Steers GS-77T | Laff | 2 SK-128 | — | 48 | 141.50 | |
| LS-243WXM | LA-224 | Garrard Autoslim | Laff | 2 SK-128 | 2 Mini-Duct †† | 92 | 174.50 | |
| LS-244WXM | LA-224 | Garrard AT6 | Laff | 2 SK-128 | 2 Mini-Duct †† | 95 | 186.50 | |
| LS-245WXM | LA-224 | Glaser-Steers GS-77T | Laff | 2 SK-128 | 2 Mini-Duct †† | 96 | 186.50 | |

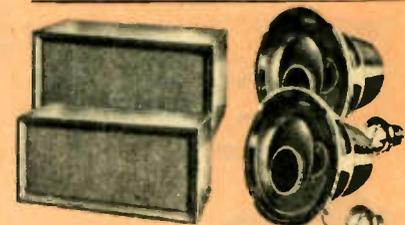
*Be sure to specify Pickering U38/AT, Shure M3D or Empire 880 Diamond Needle Cartridge.

†=Specify Walnut, Mahogany, Oiled Walnut.

**=Specify Walnut or Mahogany

††=Specify Walnut, Mahogany or Oiled Walnut.

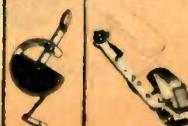
For detailed descriptions of all components in the above systems, see pages 25, 47, 53, 55, 72, 75, 76 and 82.



"Mini-Duct" Enclosures

SK-128

FREE—with purchase of any HI-FI system on this page. ESL Dust Bug, Stylus Pressure Gauge, 20' Speaker Cable, Connectors and Complete Connecting Information.



NEW! LAFAYETTE 10-WATT STEREO AMPLIFIER LA-205



- 5 Watts of music power each channel!
- Uncompromising quality in compact design
- Inputs for every stereo function!
- Frequency response: 50-20,000 cps!
- Beautifully Styled!
- Front panel stereo phone jack with selector switch
- Separate Concentric Bass and Treble Controls
- Rumble Filter and Phase Switch

39⁹⁵

EASY BUDGET PLAN SEE PAGE 381

NO MONEY DOWN

SPECIFICATIONS

Power Output: 5 watts each channel stereo — 10 watts monophonically. Frequency response: 50-20,000 cps \pm 1 db at normal listening level (1-watt). Intermodulation Distortion: 3% at full output. Hum and Noise: 58 db below full output. Size 4 $\frac{1}{2}$ x12 $\frac{1}{2}$ x7".

Now Lafayette offers a new 10-watt stereo amplifier for outstanding performance at an unheard of low price. The Lafayette Model LA-205 is a self-contained, AC operated amplifier designed for the control and faithful reproduction of either stereo or monophonic inputs from record players, changers, tuners and tape recorders. Features concentric Base and Treble controls, Rumble Filter, Phase switch and Front panel jack for connection of stereo headphones. Other controls include Volume/off, mode selector, phono/tuner switch and front panel speaker/phone switch. Rear panel has speaker impedance switch; hum adjust and AC con-

venience outlet. Rugged hand wired circuit is fused for maximum protection of components. Terminals are provided for the connection of either 8 or 16 ohm speaker systems on each stereo channel. Power output of 5 watts, or 10 watts if used monophonically. Within its power range, the LA-205 meets the same strict performance criteria as do its larger counterparts. Beautiful low silhouette styling to match and enhance any decor. For 105-125 volts, 50/60 cycles AC only. Tube complement: 2-6GW8/ECL86, 12AX7, 6CA4. Imported. Shpg. wt., 15 lbs. LA-205W

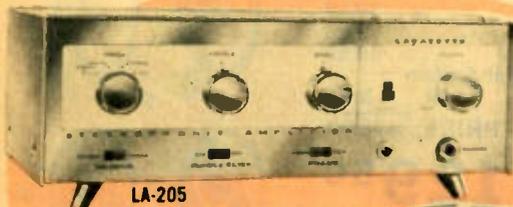
Net 39.95

LAFAYETTE SUPER VALUE 10-WATT STEREO PHONIC HI-FI SYSTEM

89⁹⁵

NO MONEY DOWN

BUY ON TIME SEE PAGE 381



LA-205



PK-750 On Base



SK-181



- Lafayette LA-205 10-watt Stereo Amplifier. A superb stereo performer providing 10-watts of room filling stereophonic sound. Frequency response is 50-20,000 cps with Hum and Noise 58 db below rated output. Contains a full range of inputs and controls.
- Lafayette PK-750 Lafayette—Glaser Steers 4-speed Stereo Record Changer with wide range, 50-15,000 cps cartridge and complete with your choice of Mahogany or Walnut base. Superior performance without rumble or wow provided by a heavy precision balanced turntable and constant speed motor. Features include fully automatic operation with Intermix and automatic shut-off after last record.
- Lafayette "Minuette" hi-fi speaker system. These famous speakers feature a full, rich tone from an extremely small size (8 $\frac{1}{4}$ x15 $\frac{1}{4}$ x5 $\frac{1}{8}$ ""). Complete stereo system as listed above. Shpg. wt., 43 lbs. LS-100WXM

Net 89.95

OTHER 10-WATT MONEY SAVING STEREO PHONIC HI-FI SYSTEMS

| System | Amplifier | Changer | Changer Base† | Speakers | Spkr. Cab. | Shpg. Wt. Lbs. | Net |
|-----------|-----------|---------|---------------|------------|---------------|----------------|--------|
| LS-101WXM | LA-205 | PK-750W | Laf.† | 2 SK-124* | | 62 | 102.50 |
| LS-102WXM | LA-205 | PK-750W | Laf.† | 2 SK-123†† | | 62 | 107.50 |
| LS-103WXM | LA-205 | PK-750W | Laf.† | 2 SK-128 | | 37 | 99.50 |
| LS-104WXM | LA-205 | PK-750W | Laf.† | 2 SK-128** | 2- Mini-Duct‡ | 85 | 144.50 |
| LS-105WXM | LA-205 | PK-750W | Laf.† | 2 SK-235WX | | 80 | 149.95 |

†—Specify Mahogany, Walnut, or Blonde.

‡—Specify Walnut or Mahogany.

††—Oiled Walnut.

**—Specify Walnut, Mahogany or Oiled Walnut.

For detailed information on the components used in the above systems please refer to pages 45, 53, 54, 55, and 75.

FREE ESL DUST BUG, Stylus Pressure Gauge, 20" Speaker Cable and Connectors, and Connecting Instructions with the purchase of above system.



LA-205



PK-750 On Base



2 SK-128 SPEAKERS



2-MINI-DUCT



2-SK-235WX SYSTEMS

LAFAYETTE LA-55 15-WATT MONAURAL AMPLIFIER



44 50
NO MONEY DOWN

AN UNBEATABLE VALUE!
UP TO 24 MONTHS TO PAY
SEE PAGE 381

The most extraordinary Hi-Fi value ever offered

- Frequency Response: 15-30,000 CPS • Power Output 15 Watts • Sensitivity: 3 MV Mag. Phono • Hum 65 Db Below Rated Output
- Harmonic Distortion Less Than .3% • 5 Input Channels • Rumble Filter • EL84 Output Tubes in Push-Pull • Beautifully Styled

Outstanding Performance and Engineering + Beautiful Styling — Unbeatable Price—add up to make the Lafayette LA-55 truly the finest Hi-Fi monaural amplifier value today . . . Beautifully styled in gold and white, the LA-55 easily adapts to any room decor. Perfect for that music system in your living room, finished basement, store or office. Ruggedly constructed, this fully integrated amplifier-preamplifier employs premium quality EL84 tubes in push-pull and advanced circuitry for faithful reproduction of all monophonic sources . . . perfect for use as a second amplifier for stereo or for starting out monophonically and adding stereo at a later date. Engineered to include every practical feature — a worthwhile contribution to hi-fi reproduction.

SPECIFICATIONS: Power Output 15 watts Institute of High Fidelity Manufacturers Rating (30 watts peak). Frequency Re-

sponse 15-30,000 cps \pm 1 db (at normal listening level); Sensitivity: For full power, High level inputs 0.5v. Mag. phono 3 mv. Hum and Noise: Volume control at max. High level inputs 65 db below rated output. Mag-Phono 55 db below rated output; Harmonic Distortion less than .3%. Inputs: Total 5—Aux, Tuner, Mag. Phono, Crystal Phono, Tape Head. Outputs: Tape Out, 4, 8 and 16 ohm speaker terminals; Tubes: Total of 5 plus rectifier—2-EL84, 1-6BL8, 1-6AV6, 1-12AX7, and 1-6CA4/WZ81. Controls: Monitor/On-Off; Volume/Power On-Off; Bass; Treble; Rumble Filter. Hum balance control. Selector: 4-position, Aux, Tuner, Phono, Tape Head. Complete with removable case and legs. AC receptacle on rear of chassis. Dimensions: 13 $\frac{1}{2}$ "Wx4Hx8 $\frac{3}{4}$ "D. Knobs extend $\frac{3}{4}$ " in front of panel. Shpg. wt., 20 lbs. Imported LA-55WX Net 44.50

LAFAYETTE SUPER-VALUE HIGH-FIDELITY PHONO SYSTEM

PLAY STEREO & MONAURAL RECORDS MONAURALLY, NOW — ADD COMPLETE STEREO LATER. This economical high-fidelity system is the performance value of the year. Designed for ruggedness as well as beauty, these components will satisfy even the most critical music listener.

COMPONENTS

| | |
|--|-------|
| LAFAYETTE LA-55 15-Watt Complete Amplifier | 44.50 |
| GARRARD AUTOSLIM 4-Speed Record Changer | 39.50 |
| WOOD BASE FOR CHANGER (Specify Walnut, Mahog. or Blonde) | 3.95 |
| PICKERING U38/AT Diamond Needle Cartridge | 46.50 |
| LAFAYETTE SK-128 Full Range 8" Biaxial Speaker | 19.50 |

Regular Catalog Price ~~153.95~~

LAFAYETTE SYSTEM PRICE **109⁵⁰** YOU SAVE 44.45

FREE!

with purchase of any Hi-Fi System below! EST. DUST BUG, Stylus Pressure Gauge, 20' Speaker Connecting Cable and Interconnecting Instructions.



LAFAYETTE 15-WATT MATCHED MONAURAL SYSTEMS

*Make certain to indicate your choice of either Pickering U38/AT, Shure M3D, or Empire 880, Diamond Needle Stereo Cartridge.

| System | Amplifier | Changer | Cartridge* | Base† | Speaker | Cabinet | Shpg. Wt. | Net |
|----------|-----------|----------|---|-------|---------|--------------|-----------|--------|
| LS-61WXM | LA-55 | Autoslim | Your Choice of Pickering U38/AT, Shure M3D, or Empire 880 | Laf† | SK-128 | | 39 lbs. | 109.50 |
| LS-62WXM | LA-55 | Autoslim | | Laf† | SK-128 | Miniduct** | 62 lbs. | 132.00 |
| LS-63WXM | LA-55 | Autoslim | | Laf† | SK-58 | | 45 lbs. | 119.50 |
| LS-64WXM | LA-55 | Autoslim | | Laf† | SK-58 | Eliptoflex†† | 69 lbs. | 154.50 |

Any of the above systems with addition of Lafayette LT-80-B FM Tuner—Specify System No. plus LT-80-B and add 49.50 to Net Price.

** Specify Mahogany, Walnut or Oiled Walnut; †† Specify Walnut, Oiled Walnut, Mahogany or Blonde; † Specify Mahogany, Walnut or Blonde.

GARRARD "AUTOSLIM" ON BASE

LA-55

CHOICE OF

Empire 880 Pickering U38/AT Shure M30

SK-128 8" BIAxIAL SPEAKER

SK-58 12" COAXIAL SPEAKER (ALTERNATE)

LAFAYETTE LT80 B (OPTIONAL TUNER)

"MINIOUCT" ENCLOSURE (OPTIONAL WITH SK-128)

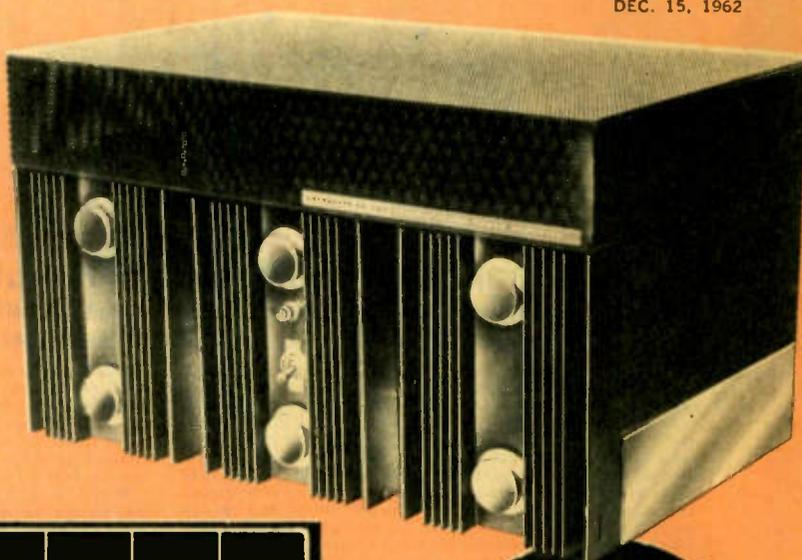
"ELIPTOFLEX" ENCLOSURE (OPTIONAL WITH SK-58)

THE New LAFAYETTE 200-WATT ALL TRANSISTOR Criterion™ STEREO POWER AMPLIFIER.

From the Lafayette High Fidelity Research Labs —
THE WORLD'S MOST ADVANCED STEREO AMPLIFIER!

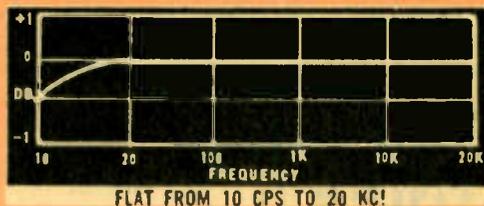
*Not Only Equal To, But Superior
To The Finest Tube Amplifiers!!*

- Rated at 100 Watts Music Power Each Stereo Channel
- 16 Power Transistors & 14 Silicon Rectifiers.
- Unique Bootstrap Output Circuitry With 70 db of Feedback.
- Frequency Response: ± 0.1 db 15 cps to 20,000 cps; -3 db at 80 Kc minimum.
- Hum & Noise — 90 db.
- Instant Overload Recovery — 50 microseconds maximum.
- May Be Used With Either Transistor or Vacuum Tube Preamplifiers.



DEL VERY APPROX.
DEC. 15, 1962

A Technical
Breakthrough
In Stereo
Amplifier
Design!



A MILESTONE IN MUSIC REPRODUCTION Now from the Lafayette High Fidelity Research Laboratories a major breakthrough in stereo amplifier design... the Lafayette Criterion LA-280 All-Transistor 200-Watt Stereo Power Amplifier. A basic stereo power amplifier so revolutionary in concept, delivering a range of sound so flawless, performance so far advanced, as to set new standards of professional audio component design.

YEARS AHEAD IN PERFORMANCE & DESIGN The LA-280 delivers a performance capability not only the equal of the finest tube-type equipment but in many respects superior. Using a total of 30 solid state devices (16 power transistors & 14 silicon rectifiers), the LA-280 develops 100 watts each stereo channel into a 4-ohm load. Its frequency response extends far in excess of the audible range, from ± 0.1 db 15 cps to 20,000 cps; -3 db at 80 kc minimum. New circuitry techniques utilizing multiple feedback loops have achieved an unprecedented total of 70 db of feedback. Output transformers have been eliminated in the LA-280—unlike vacuum tube amplifiers which suffer from high distortion in the low frequency ranges due to non-linearity of the output transformers, LA-280 distortion levels are phenomenally low. Intermodulation Distortion measurements (take at 60 watts sine-wave power with a 15 cps signal) is less than 0.2%; Harmonic Distortion under the same conditions is less than 0.1%—developing 75 watts with a 100 cps signal. Harmonic Distortion is less than 0.05%. Heart of the LA-280 is its unique Class B operated Bootstrap output circuitry. Employs two transistors in each half of the output circuit (only one is used in conventional units), with $\frac{1}{2}$ of the circuit driving the other half and eliminating the need of driver transistors. Full feedback of the output signal to the input at DC is maintained. Overload recovery is remarkable, over 100 times as fast as conventional tube amplifiers. Stability and square wave characteristics are of the highest order, far in excess of equivalent vacuum tube units. Construction of the LA-280 is in keeping with its excellence of design. Wiring and construction are engineered to military standards. Specially designed transistors are hand selected for maximum performance. Computer grade electrolytics and fully potted massive power supply transformer are samples of the care and quality built into the LA-280.

A MAGNIFICENT MUSICAL INSTRUMENT More than just an achievement in electronics, the LA-280 must be considered as a magnificent musical instrument. The quality of performance is one of listening through the amplifier back to the original performance rather than to the amplifier itself.

The LA-280 is a proven instrument, the product of thousands of hours of testing and valuation. Its high power and revolutionary design enable it to effortlessly drive today's low efficiency speakers. Exceptional temperature stability together with a special isolation network make it ideal for use with Electrostatic speakers. Controls include Power "On-Off" and Gain (level for each channel). May be used with any good quality tube or transistor preamplifier. Screw type terminals for regular or electrostatic speakers, plus stereo head phone jacks and 4 AC outlets 4 total preamp, inputs (2 per channel). Two low level, two high level. Size: 18x8x8"D.

LA-280WX Shpg. wt., 35 lbs. Net 299.50

299⁵⁰

NO MONEY DOWN
BUY ON TIME SEE PAGE 381

LOOK AT THESE TECHNICAL SPECIFICATIONS

POWER OUTPUT: 4-ohm load: 100 watts per channel IHFM, 80 watts rms; 8-ohm load: 58 watts per channel IHFM, 50 watts rms; 16-ohm load: 33 watts per channel IHFM, 27 watts rms. **FREQUENCY RESPONSE:** ± 0.1 db 15 cps to 20,000 cps —3db at 80,000 cps minimum. **HARMONIC DISTORTION:** 4-ohm load: 100 cps, 75 watts—Less than 0.05%; 8-ohm load: 100 cps, 45 watts—Less than 0.03%; 16 ohm load: 100 cps, 27 watts—Less than 0.03%. **INTERMODULATION DISTORTION:** Less than 0.2% at 120 watts peak into 4 ohms (40 cps and 4 KC mixed 4:1). **FEEDBACK:** 70 db. **OVERLOAD RECOVERY TIME:** 50 microseconds maximum. **NOISE:** —90 db minimum. **CHANNEL SEPARATION:** 68 db minimum at 2 KC, 54 db minimum 15 cps to 20 KC. **INPUT:** Low Level: 0.2 volt rms ± 1 db. High Level: 1.5 volt rms ± 3 db for 20 volts rms output. **PREAMPLIFIER POWER OUTPUT:** + 35 volts with 7 mv rms maximum ripple. —35 volts with 7 mv rms maximum ripple.

LAFAYETTE 40-WATT ALL-TRANSISTOR STEREO AMPLIFIER



- Dual Concentric Bass & Treble Controls
- Brilliant Design & Performance
- Frequency Response — ± 0.5 db
20 to 20,000 cps
- Instantaneous Operation —
No Warm-Up Required
- Hum, Noise & Microphonics
Virtually Eliminated
- Place Anywhere — Does Not Require
Ventilation as No Heat Is Generated

LA-440 99⁵⁰

NO MONEY DOWN

FDR BUDGET TERMS SEE PAGE 381

- 20 Transistors plus
- 4 Germanium Diodes plus
- 3 Silicon Diodes plus
- 2 Thermistors

Now Lafayette applies space-age electronics to high-fidelity design to bring you this superb new 40-watt amplifier (20 watts each channel). Utilizing the most advanced circuitry, the LA-440 completely eliminates tubes and output transformers; substituting in their place a total of 29 solid state devices to provide an unmatched level of stereo high-fidelity performance. Here is an amplifier that: **GENERATES NO HEAT**—no need to worry about ventilation, you can place it anywhere and current drain is so low, it will operate efficiently not only at 110 V AC, but even from 12 to 28 volt batteries. **VIRTUALLY ELIMINATES HUM, NOISE AND MICROPHONICS**—performance can best be described as transparent, the only sound you hear is that of the music.

SPECIFICATIONS

I.M.F.M. Music Power Output: 40 watts (20 watts per channel) based on 4-ohm load impedance. Frequency Response ± 0.5 db 20 to 20,000 cps measured according to IHFM standards. Harmonic Distortion: 0.5% at 1 db below clipping. Hum and Noise: Completely inaudible at all playing levels. Phono Input: —72 db. Tuner Input: —85 db. Output Impedance: May be used with 4, 8, 16 ohm loud-speakers. Power Requirements: 105-120 volts AC, 50-60 cps; 12 to 28 volts DC for battery operation.

Controls are provided for every possible stereo, hi-fi function: Front panel contains dual concentric Bass and Treble controls, Volume control, Balance control and Selector switch for Phono, Tuner, Tape, Aux 1 and Aux 2 with corresponding inputs provided on the rear panel. In addition, slide switches are provided for Mono A—Stereo—Mono B, Loudness, Scratch Filter and Rumble Filter. Rear panel contains 2 switched AC outlets plus 3 tape outputs for recording stereo or mono (Tape A, Tape B, A & B). Superbly styled, 3Hx10 1/4 Wx8 1/2 D and is finished in a brushed gold front panel, gold finished aluminum knobs and is complete with matching enclosure. Shpg. wt., 10 lbs.

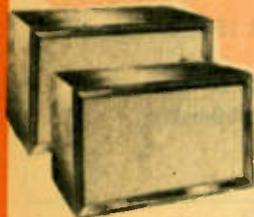
LA-440WX

Net 99.50

40-WATT ALL-TRANSISTOR LA-440 AMPLIFIER IN MATCHED STEREO SYSTEMS



LA-440



2 ELIPTOFLEX BOOKSHELF ENCLOSURES (Optional)



GARRARD AUTOSLIM ON BASE



CHOICE OF CARTRIDGE

PICKERING U38/AT

EMPIRE 880

SHURE M3D

MATCHED COMPONENTS

| | |
|---|--------|
| LAFAYETTE LA-440 40-Watt All-Transistor Stereo Amp. | 99.50 |
| Garrard Autoslim 4-speed Record Changer | 39.50 |
| Base for Changer (specify Walnut, Mahogany or Blonde) | 3.95 |
| PICKERING U38/AT Diamond Needle Cartridge | 46.50 |
| 2-LAFAYETTE SK-58 Free-Edge 12" Coaxial Speakers | 59.00 |
| 2 @ 29.50 each | 248.45 |

REGULAR CATALOG PRICE

LAFAYETTE SYSTEM PRICE

197⁵⁰

YOU SAVE 50.95

NO MONEY DOWN



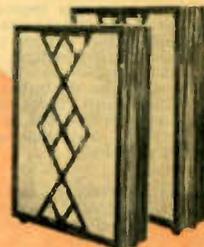
SK-58 SPEAKERS



"TRIMELIX" SK-180 (Optional)



AT6 (Optional)



"deco-r-ette" (Optional)

*Be certain to specify your choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond Needle Stereo Cartridge.

| System No. | Amplifier | Garrard Changer | Cartridge* | Base | Speaker | Speaker Cabinet | Shpg. Wt. | Lbs. | Net |
|------------|-----------|-----------------|---|------|--------------|--------------------|-----------|--------|-----|
| LS-449WXM | LA-440 | Autoslim | Choice of Pickering U38/AT, Shure M3D or Empire 880 | † | 2 ea. SK-58 | — | 48 | 197.50 | |
| LS-450WXM | LA-440 | AT6 | | † | 2 ea. SK-58 | — | 51 | 209.50 | |
| LS-451WXM | LA-440 | Autoslim | | † | 2 ea. SK-58 | 2 ea. Eliploflex†† | 96 | 255.25 | |
| LS-452WXM | LA-440 | AT6 | | † | 2 ea. SK-58 | 2 ea. Eliploflex†† | 99 | 267.25 | |
| LS-453WXM | LA-440 | Autoslim | | † | 2 ea. SK-180 | — | 45 | 201.50 | |
| LS-454WXM | LA-440 | AT6 | | † | 2 ea. SK-180 | — | 48 | 213.50 | |
| LS-455WXM | LA-440 | Autoslim | | † | 2 ea. SK-180 | 2 ea. Eliploflex†† | 93 | 259.25 | |
| LS-456WXM | LA-440 | AT6 | | † | 2 ea. SK-180 | 2 ea. Eliploflex†† | 96 | 271.25 | |
| LS-457WXM | LA-440 | Autoslim | | † | 2 ea. SK-240 | "deco-r-ette"*** | 74 | 252.00 | |
| LS-458WXM | LA-440 | AT6 | | † | 2 ea. SK-240 | "deco-r-ette"*** | 74 | 264.00 | |

†—Specify Walnut, Mahogany or Blonde.
††—Specify Walnut, Mahogany, Blonde or Oiled Walnut.
***—Oiled Walnut only.

For detailed information on the components used in the above systems please refer to pages: 45, 46, 47, 51, 76, and 82

FREE!

FREE — with purchase of any of above systems: ESL DUST BUG for ultra clean records, Stylus Pressure Gauge, 20" Speaker Cable & Connectors, plus complete connecting instructions.

NEW LAFAYETTE TM Criterion

FM STEREO MULTIPLEX TUNER

**NO STEREO
MULTIPLEX
ADAPTER
REQUIRED**

LT-700

- Wide Band Design and Advanced Circuitry Provide Professional Laboratory Standard FM Multiplex Performance

124⁵⁰

**NO MONEY DOWN!
BUY ON TIME SEE PAGE 381**



MADE
IN
U.S.A.

... MULTIPLEX ...

A major technological breakthrough in the technique of FM broadcasting. How does it affect you? Now in addition to records and tape you have a new high-quality source of stereo music for your home, with the fidelity that only FM can provide.

The LT-700 is another impressive example of Lafayette's engineering leadership. For here is a tuner that achieves a level of distortionless performance and flexibility that sets the standard for professional FM multiplex reception. Its superb circuitry features a low noise front end with triode mixer, double-tuned dual limiters and wide band Foster Seeley discriminator. Distortion has virtually been eliminated with less than 0.15% distortion at 100% modulation (monaurally). Sensitivity of the LT-700 is such that in many areas the only antenna needed will be a short piece of wire, except of course in remote locations. Plate follower outputs permit using the tuner up to 50 feet from the amplifier.

Designed for maximum versatility, the LT-700 features a convenient front panel volume control for precise adjustment of tuner output level. In addition a variable AFC (automatic frequency control) is provided. Once properly tuned, the AFC literally "locks in" the station and is adjustable for tuning weak stations adjacent to strong stations. Pinpoint tuning accuracy is assured by a special electronic bar tuning indicator tube that indicates maximum closure at the point of best tuning.

Every LT-700 is individually aligned and tested to meet or exceed Lafayette's specifications. Attractively styled with a cream and brushed brass front panel set in a beige finished vinyl enclosure. Size 13 $\frac{1}{2}$ "Wx10 $\frac{1}{2}$ "Dx4 $\frac{1}{2}$ "H. For 117V 50-60 cycle AC.

LT-700WX

Shpg. wt., 16 lbs.

Net 124.50

- Virtually Distortionless Performance — Less than 0.15% Distortion at 100% Modulation, Monaurally
- Low Noise Front End With Triode Grounded Grid Amplifier and Triode Mixer
- Double-Tuned Dual Limiters and Foster Seeley Discriminator
- Frequency Response $\pm 1/2$ db 15-35,000 cps, Monaurally
- Variable AFC Literally "Locks In" Stations
- Sensitivity 1.25 μ v for 20 db of Quieting
- 3 Gang Tuning Condenser
- Electronic Bar Tuning Indicator

Variable AFC "Locks In" Stations

Simple Front Panel Switch for Mono or Stereo Multiplex

TECHNICAL SPECIFICATIONS

Sensitivity: 1.25 μ v for 20 db of quieting. Variable AFC. Harmonic Distortion: 0.15% at 1 Kc 100% modulation. Signal-to-Noise Ratio: Better than 57 db. Freq. Response: $\pm 1/2$ db 15-35,000 cps monaurally. Image Rejection: —50db. Stereo Separation: Built-in MPX section provides 35db separation at 400 cps. Discriminator Linearity: 600 Kc. Audio output: 1.75v at 75 Kc deviation (100% modulation). Simple manual switch-

ing for FM multiplex operation. Anode Follower for low impedance wide-band distortion-free output. FM stereo indicator light when switched to stereo. 2—No. 47 Pilot Lights. Tubes: 12AX7, 6C4, 12BZ7, ECC85/6AQ8, 6BK7B, 2-6BA6, 2-7543, 6AL5, EZ-80 rectifier, 2 matched diodes plus EM-84 tuning eye.

NEW LAFAYETTE FM-AM STEREO MULTIPLEX TUNER MODEL LT-78

DUPLEX 3-GANG TUNING CONDENSER PROVIDES TUNED RF STAGES FOR GREATER SENSITIVITY AND SELECTIVITY ON FM AND AM

89⁵⁰

NO MONEY DOWN
UP TO 24 MONTHS TO PAY
SEE PAGE 381



No Multiplex Adapter Required!
Enjoy ALL your Favorite Radio Programs

- 12 Tubes, 5 diodes
- MPX Separation 30 db @ 400 CPS, Less than 1% distortion
- Armstrong FM Circuit with Dual Tuned Limiters and Ratio Detector
- Automatic Frequency Control
- Flywheel Tuning
- Tuned Grounded Grid R.F. Stage on AM and FM
- Broadband I.F. for AM
- Noise Filter Slide Switch
- AM Level Control
- Illuminated Multiplex Indicator

SIMPLICITY, FLEXIBILITY AND SUPERB STYLING have been carefully integrated in this quality tuner. Offering unlimited versatility, the LT-78 features separate AM, FM and FM MULTIPLEX reception at a reasonable price. Superbly styled low silhouette enclosure can be placed proudly on an open bookshelf or custom installation anywhere in your home. Attractively finished in gold and white with contrasting black dial face for added legibility as well as beauty. A complete set of controls provide for every tuner function. On the front panel there is a mode selection switch with a choice of AM, FM or FM stereo; a power on/off slide switch; variable AFC which is adjustable for tuning in weak stations adjacent to strong stations; flywheel tuning for smooth rapid station selection; a precision tuning meter for pinpointing your station to the strongest signal; a noise filter slide switch for weak stations and an illuminated multiplex indicator which shows you are in the FM stereo mode. On the rear panel there is an AM level control and a stereo dimension control to provide the right separation for your systems. Plate follower output permits using the tuner up to 50 ft. from an amplifier. FM circuitry features an Armstrong grounded grid low noise front end and wide-band ratio detector; superheterodyne AM Circuit with 3 stages, AVC and Ferrite loopstick antenna.

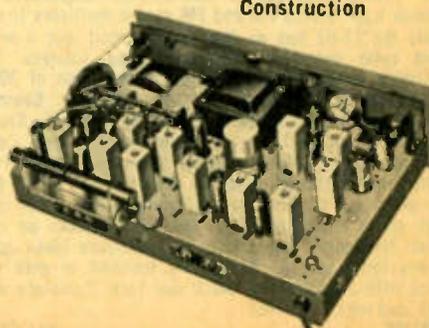
The LT-78 is the ideal all-around stereo tuner for your home stereo system.

LT-78WX AM-FM Multiplex Tuner Net 89.50

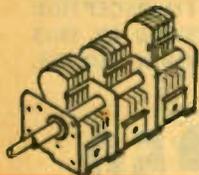
SPECIFICATIONS:

FM: IF Band Width: 200KC — 6 db; Frequency Response: FM 20—20,000 CPS; Image Rejection — Better than 40 db; IF Rejection — 70 db; Stereo Separation: 30 db @ 400 CPS, less than 1% distortion; Hum — 60 db; Variable AFC Control; Noise Filter; 300 ohm antenna input. FM: Sensitivity 2 μ v and 20 DB S/N; Superheterodyne Circuit Bandwidth — 8 KC, AVC; Ferrite loopstick antenna; Image Rejection — 50 db; Harmonic dist. — less than 1% to 80% modulation. TUBES: 12AX7, 12AU7, 6BE6, (3) 6AU6, (3) 6BA6, (2) 6AQ8, 6X4 plus 5 germanium diodes. Power: 105 — 125 VAC, 50/60 CPS. Dimensions: 15Wx5Hx9½"D. Legs add ¾" to height. Shpg. wt., 16½ lbs.

Interior View Shows Solid Construction



SENSITIVE AM-FM TUNING METER
Enables accurate tuning for all stations



DUPLEX 3-GANG TUNING CONDENSER
Highly sensitive—Pulls in stations with true Hi-Fi Performance



VARIABLE AFC CONTROL
Adds enough compensation to counteract drift with minimum distortion



FM STEREO NOISE FILTER
Reduces annoying high frequency noise



STEREO DIMENSION CONTROL
Factory preset but easily adjustable (if necessary) to achieve optimum separation in your own home



LAFAYETTE PRESENTS THE LT-81...

A NEW FM TUNER FEATURING BUILT-IN-MULTIPLEX

10 TUBES PLUS 4 DIODES
3 GANG TUNING CONDENSER PROVIDES TUNED RF STAGE FOR EXCELLENT SENSITIVITY & SELECTIVITY

SPECIFICATIONS:

FM FREQUENCY RANGE: 88-108 MC. SENSITIVITY: 2 μ V for 20 db quieting. FREQUENCY RESPONSE: 20-20,000 cps \pm 2 db. DISTORTION: less than 1% at full output. OUTPUT VOLTAGE: 1.5V. STEREO SEPARATION: 30 db @ 400 cps. 3 GANG TUNING CONDENSER, Tuned Grounded Grid RF Stage. NOISE FILTER, AFC on/off, STEREO DIMENSION Control. PILOT LIGHT in STEREO "ON" position. TUNING METER. TUBES: (2) 6BA6, (3) 6AU6, (2) 12AX7, (2) 6AQ8, 6X4, plus 4 germanium diodes. For 110-120 V AC, 44 watts. DIMENSIONS: 13 1/2 x 5 3/4 x 9 1/4" D. Shpg. wt., 12 lbs.



PIN POINT TUNING ACCURACY SO NECESSARY FOR GOOD FM RECEPTION IS PROVIDED BY THIS PRECISION TUNING METER.

ONLY **76.50**
EASY BUDGET PLAN SEE PAGE 381 NO MONEY DOWN

TRULY Remarkable, quality performance and styling that is in every respect the equal to and often superior to FM Stereo Tuners priced far above the modest cost of this fine instrument.

Ten tubes and 4 diodes provide top notch performance which will complement any good hi-fi system and give you many hours of rewarding listening pleasure.

Designed and constructed of the finest components with jewel like precision (each unit has been hand wired and individually tested at the factory) in order to insure that each tuner will maintain its excellence year after year with a minimum of maintenance. Engineered to provide high quality FM and FM stereo multiplex broadcasts the LT-81 has an Armstrong circuit and a wide-band ratio detector with dual tuned limiters. The multiplex circuit provides a stereo separation of 30 db at 400 cycles with less than 1% distortion. Controls consist of Power on/Selector switch for FM, Stereo MULTIPLEX; noise filter; AFC slide switch with "off" position; Tuning Meter; Stereo dimension control to custom blend stereo reception and flywheel action tuning which gives velvet smooth tuning action. Pilot light goes on in stereo position. Two output jacks on rear panel. Handsome low silhouette enclosure looks good in any room setting. Beautifully finished in gold and white with a contrasting black dial face. Complete with cage and legs. Imported

LT-81WX Net 76.50



SMOOTH FLYWHEEL TUNING

3 GANG TUNING CONDENSER

CLEAN LAYOUT OF COMPONENTS FOR COOL OPERATION

New!

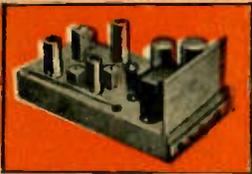
LAFAYETTE UNIVERSAL MULTIPLEX ADAPTER LT-200

*Now Enjoy All The
Quality & Dynamic Brilliance
of Stereo Through Your FM Tuner*

COMPARE THESE QUALITY FEATURES

- 35 DB STEREO SEPARATION (AT 400 CPS)
- MATCHES WITH VIRTUALLY ALL RECENT MODEL WIDE BAND TUNERS EQUIPPED WITH MPX OUTPUT JACKS
- LESS THAN 1% DISTORTION FROM 50-15,000 CPS
- PLATE FOLLOWER OUTPUT PROVIDES FOR REMOTE AMPLIFIER CONNECTION
- SELF POWERED
- COMPLETE WITH ENCLOSURE & ALL NECESSARY CONNECTING CABLES

ONLY
54⁵⁰
No Money
Down



Here's the easiest, most inexpensive way for you to enjoy stereo—not records, not tapes, but stereo with all the fidelity and convenience that only FM can provide. Add this exciting new method of stereo reproduction to your component High-Fidelity system with this brilliant new stereo multiplex adapter. Performs beautifully with virtually any late model, wide band tuner equipped with a multiplex output jack and delivering a mpx output signal from 1.5 to 2 volts. Requires no special knowledge or tools to hook up—as simple and easy to connect as were your original components. Supplied with all necessary audio cables. All that's required is to merely plug the unit into your tuner, amplifier and AC outlet. Engineered for simplicity of operation, a selector switch conveniently located on the front panel provides for ON-OFF, Mono-FM and Stereo-FM. Individual pilot lights indicate when power is on and when adapter is operating stereophonically.

Beautifully styled to match any decor in textured beige finish cover and smart brushed brass anodized aluminum front panel. TECHNICAL SPECIFICATIONS: Separation: (at 400 cps) 35db; Harmonic Distortion: Less than 1% from 50 to 15,000 cps; Frequency Response: \pm 1db 50-15,000 cps. Multiplex Input Signal: .15 volts to 2V; Gain: 15 db; Output Impedance: 8000 ohms; Hum: at 60 cps for 1 volt signal input better than 60db; Rejection to 67KC; at least 50db; Rejection to 38 KC; at least 40 db. Four tubes (2 dual purpose) 12AX7, 6C4, 12BZ7, EZ80. Features notch filter for 38KC; low impedance plate follower output (for remote amplifier connection); matched diodes for optimum separation. Supplied with a special low capacitance input cable for optimum separation. Measures 4 $\frac{1}{4}$ "x5 $\frac{1}{4}$ "x10 $\frac{1}{8}$ "D. For 110-120V, 60 cycle A.C. LT-200WX Shpg. wt., 8 lbs. Net 54.50

MODEL LT-80B FM TUNER READY FOR MULTIPLEX!



PIN-POINT TUNING ACCURACY

Is provided by this precision tuning meter; evaluates relative strength of the incoming signal . . . invaluable when tuning weak stations.



COMPARE FEATURE FOR FEATURE WITH THE MOST EXPENSIVE TUNERS

- ARMSTRONG CIRCUIT FOSTER-SEELEY DISCRIMINATOR AND DUAL TUNED LIMITERS • AFC • AFC DEFEAT • EXTREMELY SENSITIVE — 1.5 UV FOR 20 DB QUIETING • 10-TUBE PERFORMANCE — 8 TUBES (2-DUAL PURPOSE) • 20-20,000 CYCLES \pm 1/2 DB • SUPERB LOW SILHOUETTE STYLING • 3 GANG TUNING CONDENSER • TUNED GROUNDED GRID RF STAGE

49⁵⁰
NO MONEY
DOWN

Remarkable . . . Quality, performance and styling that is in every respect the equal and in many instances superior to tuners priced far above the modest cost of this instrument. Designed and constructed of the finest components, with jewel like precision (each unit is hand wired). Engineered to provide maximum FM versatility, the LT-80B is provided with a multiplex output, designed to accept a stereo FM multiplex adapter. Flywheel action tuning control. Tube complement consists of 2-6AQ8, 2-6BA6, 2-6AU6, 1 each 6AL5 and 6X4. Handsome low silhouette enclosure will do justice to any decor. Beautifully finished in gold and white with contrasting black dial face. Complete with cage and legs. Dimensions: 11 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "H. LT-80B FM Stereo Tuner Net 49.50
HTA-18WXM Combination of LT-80B and LT-220 FM Multiplex Adapter You Save 5.00 Net 84.45

SAVE \$5.00

For Fine FM Multiplex Stereo Reception add Lafayette LT-220 FM Multiplex Adapter to LT-80B FM Tuner and SAVE!

Reg. 89.45 LAFAYETTE SPECIAL 84.45



HTA-18WXM Combination of LT-80B and LT-220 FM Multiplex Adapter
You SAVE 5.00 Net 84.45
See description of LT-220 FM Multiplex Adapter elsewhere in this section.

AM-FM STEREO TUNER KIT KT-500A

ASSURANCE OF COMPONENT QUALITY
ONE YEAR PARTS GUARANTEE
 All components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.

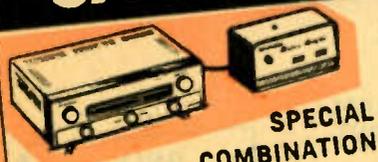


KT-500A
7450
NO MONEY DOWN
IN KIT FORM
LT-50A
12450
NO MONEY DOWN
COMPLETELY WIRED AND TESTED

READY FOR MULTIPLEX!
MADE IN U.S.A.

- MULTIPLEX OUTPUT FOR NEW STEREO FM
 - TWO PRINTED CIRCUIT BOARDS AND PRE-ALIGNED IF'S • FM AFC AND AFC DEFEAT • 17 TUBE PERFORMANCE
 - 11 Tubes (4 dual-purpose) + Tuning Eye & Selenium Rectifier • ARMSTRONG CIRCUIT WITH DUAL LIMITERS AND FOSTER-SEELEY DISCRIMINATOR • 12 TUNED CIRCUITS AND DUAL CATHODE FOLLOWER OUTPUTS • EXTREME SENSITIVITY AND WIDE FREQUENCY RESPONSE
- The KT-500A will receive simultaneous FM and AM stereo broadcasts or may be utilized for normal FM or AM reception. Provides an output for the new multiplex FM stereophonic reception. Apart from its unique flexibility, the KT-500A offers noise-free, drift-free, distortion-free performance. Each FM & AM section is tuned with its own 3-gang tuning capacitor and is provided with individual cathode follower outputs. Also separate volume controls are provided for each channel. Convenient front panel switch changes from stereo to monaural use. Simplified accurate knife-edge tuning is provided by magic eye which operates independently on FM and AM. Automatic frequency control "locks in" FM signal permanently. Designed for easy assembly, the kit is built around two printed circuit boards and prealigned IF's insuring fast accurate construction even for the beginner. Cream and brushed brass front panel plus matching knobs with copper inserts set in a beige finished vinyl enclosure.
- KT-500AWX AM/FM Stereo Tuner Kit Net 74.50
 Special Combination KT-500A plus KT-220 Multiplex Adaptor Net 91.50
 HTA-17WXM Net 91.50
 LT-50AWX Same as KT-500AWX, completely wired and tested Net 124.50

SAVE!



SPECIAL COMBINATION
LAFAYETTE AM-FM TUNER KIT KT-500A
Plus MULTIPLEX ADAPTER KIT KT-220
Reg. 94.00
SPECIAL 9150
EASY PAY PLAN
SEE PAGE 381

NO MONEY DOWN
 Combination of KT-500A and KT-220.
 HTA-17WXM
 Shpg. wt., 22 lbs. Net 91.50

SPECIFICATIONS

FM CIRCUIT: Armstrong, low noise front end with triode grounded grid amplifier and triode mixer. Double tuned dual limiters. Foster-Seeley discriminator, AFC and AFC defeat. **AM CIRCUIT:** Superhet with 3 stages AVC, 10kc whistle filter, ferrite antenna. **DISTORTION:** Under 1% harmonic on FM; under 1% on AM for up to 80% modulation. **HUM LEVEL:** 60 db below 100% modulation. **SENSITIVITY:** FM—full limiting on signals as low as 1 uv, 2 uv for 30 db quieting; AM Terminal Sensitivity 5 uv. **SELECTIVITY:** FM 200 kc bandwidth; 6 db down, AM 8kc BW; 6 db down. **FREQUENCY RESPONSE:** FM 20-20,000 cps ± ½ db, AM 20-5,000 ± 3 db. **IMAGE REJECTION:** FM 40 db; AM 30 db. **I. F. REJECTION:** FM 70 db, AM 50 db. **CONTROLS:** 5 controls; FM VOL, AM VOL, FM Tuning, AM Tuning, and five position function selector switch. **TUBES:** 3-6BA6, 2-6AU6, 1 each 6BK7B, ECC85, 6AL5, 6BE6, 12AU7 and 6U5 tuning eye. Selenium rectifier. **OUTPUT IMPEDANCE:** Low impedances cathode follower. **Output jacks** for FM, AM or Stereo. **ANTENNA INPUT:** 300 ohms. Size 13¼x10¼x4¼"H. Shpg. wt., 18 lbs. Kit comes complete with all parts and metal cover, a step-by-step instruction manual, schematic and pictorial diagrams.



LAFAYETTE MULTIPLEX ADAPTER KIT MODEL KT-220

Quality Stereo FM Multiplex At minimum cost

Enjoy thrilling FM Stereophonic sound from any recent Lafayette Tuner or any other quality wide-band FM or FM-AM tuner equipped with multiplex jacks. Hear the full range of audio frequencies in all the realism and magnificence of stereo sound by simply adding this low-cost Lafayette Multiplex adaptor kit. Engineered for anyone to build and operate, the KT-220 is easily connected to your tuners built-in multiplex output and special instructions are provided for connection to tuners without MPX output jacks. Coils are pre-aligned and only minimum adjustments are necessary. Self-powered, the unit may be hidden out of sight or installed remotely from your tuner.

The specifications speak for themselves: Separation—30db at 400CPS; Distortion—below 1%, noise filter controls: on-off with pilot light, Separation control. Tubes: 12AU7, 6BN8, 12AX7 plus a silicon rectifier. The KT-220 Multiplex adaptor is supplied complete with shielded cable for input and output connections; metal case and all parts plus the famous Lafayette detailed kit instruction manual. Front panel is finished in beige and ivory trim with contrasting beige and brown cabinet. Size: 8½x4¾x4¾"D. For 110-125 volts, 60 cycle AC. Shpg. wt., 4 lbs.

KT-220 IN KIT FORM 1950

LT-220 WIRED and TESTED 3995
NO MONEY DOWN

NEW!

UP TO 24 MONTHS TO PAY
SEE PAGE 381

- Stereo Separation—30db @ 400 cps
- Self-Powered
- Less Than 1% Distortion
- Prealigned Coils
- Noise Filter (switchable)
- 3 Tubes—2 Dual, 1 Triple-Purpose Tube + Silicon Rectifier
- Ideal for Lafayette Tuners Equipped with MPX Output Jacks

KT-220 Kit Net 19.50
 LT-220 Completely wired and tested Net 39.95

LAFAYETTE Criterion™

FM TUNER KIT KT-650

PROFESSIONAL FM
LABORATORY STANDARD PERFORMANCE

READY FOR MULTIPLEX!

Build It Yourself and Save 30%!

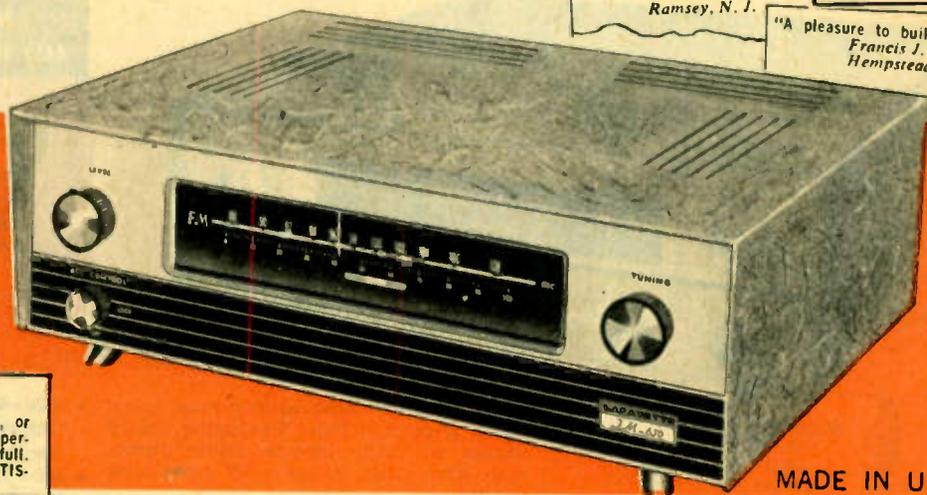
"I congratulate you people on the tremendous job you have done with this FM tuner."
*Donald MacKenzie
Marlboro, Mass.*

"The KT-650 performed as beautifully as it went together."
*Curtis Frets,
Ontario, Calif.*

"In this era of loose claims by many reputable manufacturers, you may feel a deep sense of pride in producing this kit. Every claim you make is true."
*George F. Schaefer
Ramsey, N. J.*

*Some Letters
Out of
THOUSANDS*

"A pleasure to build."
*Francis J. Crowley
Hempstead, N. Y.*



MADE IN U.S.A.

KT-650 in KIT FORM

54⁵⁰

LT-650 Factory
Wired & Tested

79⁹⁵

BUY ON TIME
SEE PAGE 381

NO MONEY DOWN

ASSURANCE OF COMPONENT QUALITY
ONE YEAR PARTS GUARANTEE

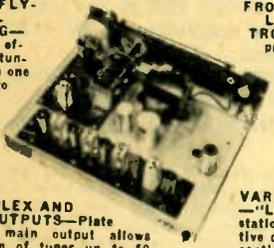
All components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.

MONEY-BACK GUARANTEE

Each Lafayette Kit is guaranteed to meet, or exceed, its published specifications for performance or your money is refunded in full. LAFAYETTE GUARANTEES YOU COMPLETE SATISFACTION.

EASY FLY-WHEEL TUNING—Smooth, effortless tuning from one station to another.

FRONT PANEL LEVEL CONTROL—Provides precise control of your tuner output level.



MULTIPLEX AND MAIN OUTPUTS—Plate follower main output allows connection of tuner up to 50 feet from amplifier. Multiplex output for FM stereo.

VARIABLE AFC—"Locks in" the station for positive drift free reception of both weak and strong signals.

SAVE! SPECIAL COMBINATION

— LAFAYETTE

FM TUNER KIT KT-650

Plus

MULTIPLEX ADAPTOR KIT KT-220

Reg. 74⁰⁰ SPECIAL **71⁵⁰**

No Money Down

| | |
|--|--|
| <p>KT-220WX MULTIPLEX ADAPTOR KIT Net 19.50</p>  | <p>KT-650WX FM Tuner Kit Net 54.50</p>  |
| <p>Combination of KT-650 and KT-220. Shpg. wt., 18 lbs. MTA-16WXM Net 71.50</p> | |

- Low Noise Front End With Triode Grounded Grid Amplifier and Triode Mixer
- Double Tuned Dual Limiters and Foster Seeley Discriminator • Sensitivity 1.25 μ V For 20 db of Quieting • Variable AFC Literally "Lock In" Stations • Frequency Response $\pm 1/2$ db 15-35,000 cps • Multiplex Output For Stereo FM • Easy-To-Build Printed Circuits • Electronic Bar Tuning Indicator Tube • Pre-Aligned IF and Discriminator Coils • 3 Gang Tuning Condenser • Virtually Distortionless Performance—Less than .15% Distortion at 100% Modulation.

Lafayette proudly presents the KT-650 FM Tuner Kit. This is a remarkable instrument—the product of an extensive research and engineering program, designed to produce a no compromise FM Tuner Kit capable of achieving the highest Laboratory Standards. The KT-650 ranks with the very finest FM Tuners . . . Lafayette engineers have succeeded in developing an instrument with performance and flexibility that equals and surpasses factory-wired or kit tuners many times its modest cost.

The KT-650 incorporates every desirable FM Tuner feature. A Multiplex jack at the rear of the tuner provides for addition of a Multiplex Adapter for FM Stereo Reception. Flywheel weighted tuning enables effortless station-to-station tuning. Pinpoint tuning accuracy is assured by a special electronic bar tuning indicator tube that indicates maximum closure at the point of best tuning. A variable AFC (Automatic Frequency Control) is featured. Once properly tuned, the AFC literally "locks in" the station and is adjustable for tuning weak stations adjacent to strong stations. The convenient front panel Tuner Level Control allows precise adjustment of the Tuner output level.

Superb circuitry features a low noise front end with triode mixer plus double tuned dual limiters

and wide band Foster Seeley discriminator. Sensitivity of the KT-650 is such that in many areas the only antenna needed will be a short piece of wire, except of course in remote locations. Plate follower outputs permit using the tuner up to 50 feet from the amplifier. Lafayette Kit Research makes doing-it-yourself a pleasure. Time-saving printed circuit boards are utilized to make wiring errors almost nonexistent. Alignment is a critical factor that directly affects the quality of reception in FM Tuners. The KT-650 is provided with IF and discriminator coils that have been carefully factory prealigned—permits you to play the tuner as soon as assembly is completed.

More than just mere electronics, the KT-650 is a tuner you'll be proud to display. The superbly styled low silhouette enclosure will do justice to any decor. Beige cover is set off by a Cream and Sienna Brown etched panel and knobs with contrasting Black Dial Face. Complete with cage, legs, interconnecting cables with plugs, indoor folded dipole antenna and alignment tool. Overall Dimensions: 14x5 1/4x11" D. For 117V, 50-60 cycle AC. Power consumption 40 watts. Shpg. wt., 13 1/2 lbs.

KT-650WX FM Tuner Kit Net 54.50
LT-650WX Factory Wired & Tested Net 79.95

COMPARE THESE SPECIFICATIONS:

Sensitivity: 1.25 microvolts for 20 db of quieting. Image Rejection: 66 db. AM Suppression: 48 db. Discriminator Linearity 600 kc. Distortion and Noise: Better than 57 db below 1.5 volts at 100% modulation. Frequency Response: $\pm 1/2$ db from 15 to 35,000 cps with a standard 75 microsecond de-emphasis network. Audio Output: 1.75 volts at 75 KC deviation (100% modulation). Antenna Input: 300 ohms. Controls: Tuning; Level; AFC Control and Power Switch. Outputs: (2) Multiplex Adapter; Amplifier; Tube Complement; ECC85, 6BK7B, 6AL5, 2-7543, 2-6BA6, 6AV6, EM84 Electronic Bar Tuning Indicator Tube and a silicon diode rectifier.

New! LAFAYETTE Criterion FM/AM STEREO MULTIPLEX TUNER KIT KT-770

with "Pilot Monitor"

The AM/FM Multiplex Performance Standard Bearer with
The SUPERIOR MULTIPLEX CIRCUITRY of the Outstanding LT-200 MPX Adapter

15 TUBES (4 Multi-function plus Rectifier Tube)
plus 3 Diodes for 22-Tube PERFORMANCE

109⁵⁰

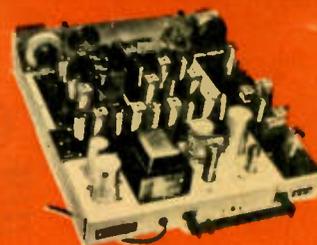
NO MONEY DOWN

EASY BUDGET PLAN SEE PAGE 381



MADE
IN U.S.A.

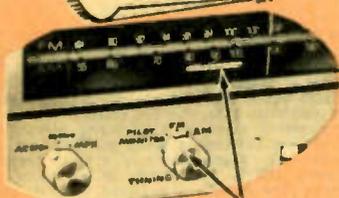
DELIVERY APPROX.
DEC. 15, 1962



ASSURANCE OF COMPONENT QUALITY

ONE YEAR PARTS
GUARANTEE

All components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.



"PILOT MONITOR" Gives a positive visual indication of presence of Stereo Broadcasting. Special position on Tuning Indicator switch permits ready identification of type of FM signal being received.

- "PILOT MONITOR"—Gives positive visual indication of presence of Stereo Broadcasting. Special position on Tuning Indicator switch permits ready identification of type of FM signal being received.
- SUPERIOR BUILT-IN MULTIPLEX CIRCUIT OF SUPERB LT-200 MULTIPLEX ADAPTER—35 db Channel Separation with low 1% distortion.
- SIMULTANEOUS AM AND FM OPERATION—Separate AM output permits simultaneous reception of AM and FM signals for dual operation.
- INGENUOUS NOISE LIMITER—For the cleanest Stereo reception ever.

Lafayette's Audio Engineering Division is proud to introduce this new product of painstaking research embodying the finest developments in AM and FM Multiplex Stereo tuner circuitry. The KT-770 AM/FM Stereo Multiplex Tuner Kit features the exceptional FM Multiplex circuitry of the outstanding LT-200 Multiplex Adapter with 35 db channel separation, assuring the ultimate in the exciting new audio experience of FM stereo reception, the finest source of true audio fidelity. The ingenious new development of the "Pilot Monitor" facilitates the ease with which you can determine the presence of stereo broadcasting. Planned for the most enjoyable listening, the KT-770 features an effective Noise Limiter for clear stereo reception; High-Gain, Low-Noise FM front end for full limiting with signals as low as 4 microvolts; AFC for drift-free reception; Simultaneous AM and FM operation for reception in separate locations; Time-saving printed circuit boards for ease of construction

- HIGH-GAIN, LOW-NOISE FM FRONT END—Full Limiting with signals as low as 4 μ V. Wide-Band discriminator assures minimum distortion.
- AFC—"Locks-In" Stations, preventing possibility of drift during Monaural or Stereo reception.
- PRINTED CIRCUIT BOARDS—For simple, efficient time-saving construction of FM, Multiplex and AM sections.
- PRE-ALIGNED COILS THROUGHOUT—No critical alignment problems after construction.
- ATTRACTIVELY STYLED—With the Professional look.

by the kit builder; and Pre-aligned coils throughout to eliminate critical alignment problems after construction. FRONT PANEL CONTROLS: AM Tuning, FM Tuning, AM Volume, FM Volume, AFC (on-off), Noise Limiter (on-off), FM (AC off-Mono-MPX), Tuning Indicator (Pilot Monitor-FM-AM). REAR PANEL CONNECTIONS: Antenna FM-Gnd-AM; Outputs (3) AM, A and B (FM or Stereo). The KT-770 features professional, attractive styling and has a gold anodized, extruded aluminum front panel with matching gold anodized aluminum knobs. Edge-lit scale with black dial plate calibrated for FM (88-108 MC) and for AM (550 to 1600 KC). Complete with beige vinyl-laminated steel case and sienna brown molded legs. Power Requirements 105-120 volts, 50/60 cycles AC. Fused AC Input; Power Consumption 60 watts. Dimensions: 14 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "H (with legs) x 11 $\frac{1}{2}$ "D (with knobs). Shpg. wt., 19 lbs.

KT-770WX

Net 109.50

SPECIFICATIONS

FM SECTION

Tuning Range — 88 to 108 Megacycles
Intermediate Frequency (IF) — 10.7 Megacycles
Usable Sensitivity (IHFM) — 4 μ V
Audio Frequency Response — 20 to 20,000 cps \pm 1 db
Harmonic Distortion — 0.2% at 1 KC (100% modulation)
Hum and Noise — -60 db
Antenna Input — 300 ohms, unbalanced
Output Impedance — Low impedance plate follower
Audio Output Level — Nominal 1.6 volts

FM MULTIPLEX SECTION

Channel Separation — 35 db at 400 cps
Harmonic Distortion — Less than 1% from 50-15,000 cps
Hum and Noise — -56db

AM SECTION

Tuning Range — 535 to 1620 Kilocycles
Intermediate Frequency (IF) — 455 Kilocycles
Terminal Sensitivity — 5 μ V
Antenna — Built-in ferrite rod, plus provision for external antenna
Frequency Response — 20 to 5,000 cps \pm 3db
Output Impedance — Low impedance cathode follower
Audio Output Level — 1 volt average
Harmonic Distortion — 1%
Hum and Noise — -66db

GENERAL TUBES AND RECTIFIERS

1—EM84/6FG6 Indicator Tube
1—12B27 (dual triode) Audio Amp for FM Output and Stereo Output
1—Silicon diode rectifier for FM section
1—E280 Full wave Rectifier

TUBE COMPLEMENT

FM SECTION

1—6AQ8/ECC85 (dual triode) RF Amp and Mixer
1—6BK7B (dual triode) AFC and Oscillator
2—6BA6 1st and 2nd IF Amps.
2—7543 1st and 2nd IF Limiters
1—6AL5 Discriminator

MULTIPLEX SECTION

1—12AX7 (dual triode) Wide-band Amp.
1—6C4 Oscillator
2—IN54 (Crystal diodes) balanced detector

AM SECTION

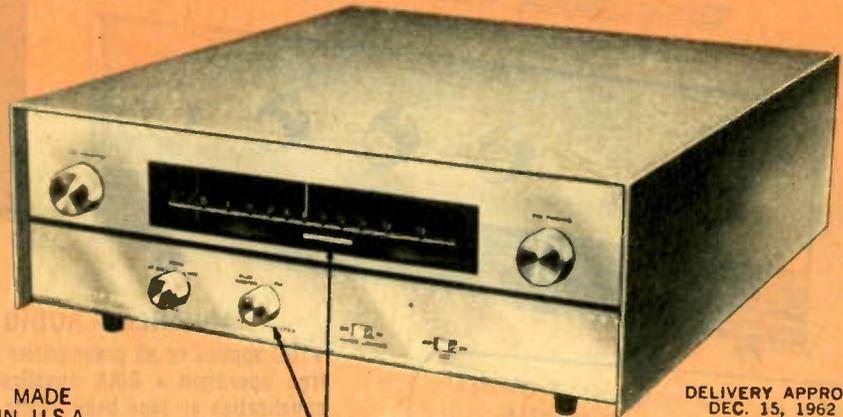
1—6BA6 RF Amp.
1—6BE6 Converter
1—6AS8 (diode-pentode) IF Amp and Detector
1—6C4 Cathode Follower Output

NEW!

FROM LAFAYETTE . . .

Criterion™**The distinguished KT-660 FM STEREO MULTIPLEX TUNER KIT
with "Pilot Monitor"****The Highest Standard of Performance and Reliability****84⁵⁰** NO
MONEY
DOWN

BUY ON TIME SEE PAGE 381

MADE
IN U.S.A.DELIVERY APPROX.
DEC. 15, 1962**NEW ADVANCED "PILOT MONITOR"**

Provides a positive indication of stereo broadcasting. Special position on Tuning Indicator switch for rapid scanning of complete FM dial enables listener to visually identify the type of FM signal each station is transmitting. The indicator responds to the 19 KC Pilot Signal transmitted by a station to immediately denote the presence of a Stereo Broadcast.

**ASSURANCE OF
COMPONENT
QUALITY****ONE YEAR PARTS
GUARANTEE**

All components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.

- Uses Exceptional Multiplex Circuitry of LT-200 —35 db Channel Separation, with Low 1% Distortion.
- 10 Tubes (3 dual function) plus Indicator Tube plus 2 Diodes plus 2 Rectifiers. 15-Tube performance!
- Low-Noise, High-Gain Front End. Full limiting with signals as low as 4 μ V. Wide-band Discriminator.
- Special Noise Limiter for reduction of high frequency noise sometimes encountered during stereo reception (not operative on Mono).
- Usable Sensitivity (IFHM Standard) 4 μ V.
- Virtually Distortionless Performance, 0.2% at 1 KC (100% modulation).
- Variable AFC literally "Locks-In" Stations, preventing possibility of drift during mono or stereo reception.
- Time-Saving printed circuit boards—FM, and Multiplex sections on individual printed circuit boards for ease of construction.
- Pre-Aligned Coils—no critical alignment problems after construction.
- Mono-Stereo Switch. STEREO: Provides separate stereo channels from A & B output jacks during stereo reception. MONO: Provides FM Monophonic signals from the A & B output jacks (multiplex circuitry by-passed in this mode).

COMPARE THESE SPECIFICATIONS AND FEATURES**FM SECTION**

Tuning Range — 88 to 108 Megacycles
Intermediate Frequency (IF) — 10.7 Megacycles
Usable Sensitivity (IFHM) — 4 μ V
Audio Frequency Response — 20 to 20,000 cps \pm 1db
Harmonic Distortion — 0.2% at 1 KC (100% modulation)
Hum and Noise — -60 db
Antenna Input — 300 ohms, unbalanced
Output Impedance — Low impedance plate follower
Audio Output Level — Nominal 1.6 volts

FM MULTIPLEX SECTION

Channel Separation — 35 db at 400 cps

Harmonic Distortion — less than 1% from 50 to 15,000 cps
Hum and Noise — -56 db

TUBE COMPLEMENT**FM SECTION**

1—6AQ8/ECC35 (dual triode) RF Amp and Mixer
1—6BK7B (dual triode) AFC and Oscillator
2—6BA6 1st and 2nd IF Amps.
2—7543 1st and 2nd IF Limiters
1—6AL5 Discriminator

MULTIPLEX SECTION

1—12AX7 (dual triode) Wide-band Amp.
1—6C4 Oscillator
2—1N54 (C-crystal diodes) Balanced Detector

GENERAL TUBES AND RECTIFIERS

1—EM84/6FG6 Indicator Tube
1—12BZ7 (dual triode) Audio Amp for FM Output and Stereo Output
1—Silicon diode rectifier for FM section
1—EZ80 Full wave Rectifier

FRONT PANEL CONTROLS AND SWITCHES

FM Tuning, FM Volume, AFC (On-Off), Noise Limiter (On-Off), FM (AC Off-Mono-MPX), Tuning Indicator (Pilot Monitor-FM).

REAR PANEL CONNECTIONS

Antenna: FM-GND
(Outputs (2): A and B (FM Mono or Stereo).

Lafayette proudly presents the distinguished KT-660 FM Stereo Multiplex Tuner Kit with "Pilot Monitor". Truly an outstanding achievement by Lafayette engineers in the design of Stereo FM Multiplex Tuners. Featuring the exceptional multiplex circuitry of the LT-200 Multiplex Adapter, the KT-660 was engineered and designed to produce a no compromise professional Stereo FM Multiplex Tuner Kit with the highest standard of performance, reliability . . . and flexibility. Advanced "Pilot Monitor" immediately denotes the presence of a stereo broadcast. Tuning indicator also permits precise FM Tuning. Superb FM circuitry features low-noise, high-gain front end. Wide-band discriminator. Usable Sensitivity (IFHM Standard) 4 μ V. AFC literally locks-in stations and prevents possibility of drift during mono or stereo reception. Lafayette Kit research

makes doing-it-yourself a pleasure. Time-saving printed circuit boards—FM, and Multiplex sections and individual printed circuit boards for ease of construction. Pre-aligned coils throughout tuner cause builder no critical alignment problems after construction. The KT-660 is superbly styled with gold anodized, extruded aluminum front panel and matching gold anodized aluminum knobs. Beige vinyl-laminated steel cover and sienna brown molded legs, edge-lit scale with black dial plate, calibrated for FM in Megacycles (88-108 MC). Power requirements 105-120 volts, 50/60 cycles AC. Fused AC input. Power consumption 50 watts. Overall dimensions: Width: 14 $\frac{1}{2}$ " (with knobs), Height: 5 $\frac{1}{2}$ " (with knobs), and Depth: 15" (with knobs). Shpg. wt., 17 lbs.

KT-660WX

Net 84.50

LAFAYETTE 50-WATT INTEGRATED STEREO AMPLIFIER KIT—



Made in U.S.A.

The Outstanding
"Stereo 250A"

IN EASY-TO-BUILD KIT FORM

74.50
NO MONEY
DOWN

BUY ON TIME SEE PAGE 381

ASSURANCE OF COMPONENT QUALITY ONE YEAR PARTS GUARANTEE

All components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.

COMMENTS ON THE 250A

"It actually outperforms, per channel, a well-known 20-watt monaural amplifier with which I am acquainted, selling for over \$100."

*Martin Hahn
Theresa, Wisconsin*

"I certainly am very proud and happy to have had my first electronic adventure produce such wonderful results. I have spent enjoyable hours constructing this kit. I have also found this kit easy to build."

*Kenneth Bowman
Stamford, Conn.*

"Best amplifier on the market for the price."

*Arl Powell
Dayton, Ohio*

"I am more than satisfied with the results. Money-wise and performance-wise I couldn't ask for more."

*Dick Korda, Jr.
Euclid, Ohio*

"Overall, I think the kit to be complete in every detail so that even a novice could build one of your kits. I was well pleased with the presentation of the kit as a whole."

*Charles Wehrbeim
Ft. Lauderdale, Fla.*



COMMENTS FROM HI-FI AND TECHNICAL PUBLICATIONS

"The KT-250A is distinctly the easiest and fastest to assemble. Point-to-point wiring is used and all capacitors, resistors, etc. are accessible for servicing. I was pleased to see that Lafayette continues to place importance in the Speaker Phasing switch, rather than hide it or ignore it. Also, the KT-250A has a Separation Control, a useful device to overcome exaggerated "ping-pong" effects in stereo records and tapes."

Hi-Fi/Stereo Review

MONEY-BACK GUARANTEE

Each Lafayette Kit is guaranteed to meet, or exceed, its published specifications for performance or your money is refunded in full. LAFAYETTE GUARANTEES YOU COMPLETE SATISFACTION.

ADVANCED AUDIO CIRCUITRY INCLUDES

- DC applied to all preamplifier and tone control tube heaters for hum-free operation
- RIAA equalization on phono inputs
- NARTB tape equalization on tape head inputs
- Individual bias and balance controls
- Hum balance Control
- Excellent DC power supply regulation provided by silicon diodes
- Total of 9 tubes, plus 3 silicon diodes—uses premium 6CW5/EL86 output tubes.

The new Lafayette KT-250A offers remarkable versatility, high quality of reproduction and new distinctive styling in one convenient low-cost unit. Designed and engineered for ease of assembly, the KT-250A is a fine stereo preamplifier and 50 watt stereo amplifier combined — with all the controls and features to enable you to enjoy the utmost in listening pleasure in any situation. Whether you use it as a stereo amplifier delivering 25 watts per channel or as a powerful 50 watt monophonic amplifier, you are assured of true high fidelity reproduction — free from hum, noise and distortion.

DELUXE FEATURES

Unique Separation Control—A new stereo control which provides continuously variable channel separation—from full monophonic to full stereo. Lets you select the amount of separation you want.

Clutch-Operated Volume Balance Control—Gives you a choice of independent or simultaneous control of both channels—you can use it as a master volume control without disturbing previously selected settings on each channel.

4 Independent Tone Controls—Independent Bass and Treble adjustment for each channel. Concentric mounting for convenience—Inner knob controls one channel, outer the other channel.

Mode Switching—Two slide switches provide Normal Stereo—Reverse Channel—Mon A (Channel A reproduced through both channels)—Mon B (Channel B reproduced through both channels).

Input Selector—4-position switch lets you select instantly any one of your connected monophonic or stereo sources—special non-shorting arrangement on one position permits recording and playback using a permanently connected tape recorder.

Loudness Switch—Provides the frequency response

changes required by the ear at low listening levels and permits the Volume-Balance control to function as a compensated loudness control.

Phase Switch—Reverses the phase of one channel electrically—corrects for speakers connected out of phase or for reversed phase recordings sometimes found commercially.

2 Pairs of High Level Inputs—For connection of Tuner and auxiliary equipment.

3 Pairs of Low Level Inputs—For connection of magnetic phono, crystal/ceramic phono, and Tape Head.

Main Speaker Outputs—Dual 4, 8 and 16 ohm terminals may be paralleled for 4 or 8 ohm operation at 50 watts.

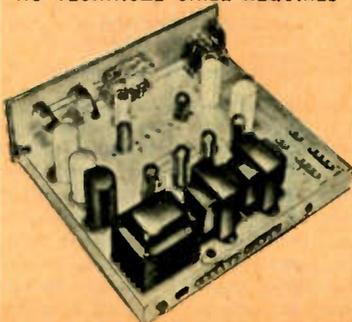
Tape Output—Provides an output for Tape recording—unaffected by Volume and Tone Controls.

Bridged Output—A monophonic blend of both channels which can be fed to a third single channel power amplifier and speaker for a greater sound spread in stereo. May also be used for listening in another room.

MODEL KT-250AWX

Net 74.50

NO TECHNICAL SKILL REQUIRED



SPECIFICATIONS

POWER OUTPUT: 50 watts (100 watts peak) 25 watts per channel \pm 1 db. **DISTORTION:** Total Harmonic Distortion \pm 1 db at less than 1% at 1KC at normal listening level (1 watt); I.M. Distortion less than 0.5% at normal listening level. **FREQUENCY RESPONSE:** 15-40,000 cps \pm 0.5 db at normal listening level, 25-50,000 cps \pm 1 db at rated output. **HUM & NOISE:** Zero volume hum 77 db below rated output; max volume hum high level inputs 70 db below rated output; Mag. phono inputs 50 db below rated output. Sensitivity: For full output high level inputs 0.5V; Mag. phono 3.5 MV at 1KC. **CHANNEL SEPARATION:** Greater than 55 db at 1KC; greater than 45 db from 20-20,000 cps. **SPEAKER AUXILIARY OUTPUT:** 1 switched. **TUBE COMPLEMENT:** 4-6CW5/EL86, 2-7199, 3-12AX7, 3 Silicon diodes. **IMPEDANCE:** 4, 8 and 16 ohms per channel. **POWER:** 200 watts; 110-125V AC 50-60 cps. **Size:** 14½Wx5½Hx12¾"D. Shpg. wt., 28 lbs. Designed for ease of construction, the KT-250A can be assembled in a minimum of time. Assembly manual contains detailed step-by-step instructions . . . guides you every step of the way. Large full-scale pictorials show you where every wire and component goes.

LAFAYETTE 36-WATT INTEGRATED STEREO AMPLIFIER KIT—



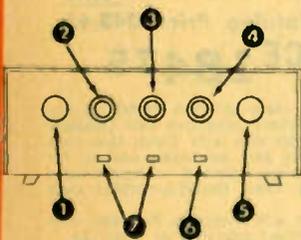
A NEW LOW-COST STEREO AMPLIFIER ANYONE CAN BUILD

Fine wide-range stereo reproduction can be yours when you build this easily constructed 36 watt stereo amplifier (18 watts each channel). The KT-236A provides all the necessary inputs—lets you connect your stereo or monophonic sources permanently, with instant selection provided by the turn of a switch. Has built-in dual preamps for low level phono inputs—RIAA equalized for flat response. It includes a unique "Blend" control which provides continuously variable channel separation from full monophonic to full stereo—you select the exact degree of separation you want. Other features are: Concentric clutch-operated Volume control for independent or simultaneous level adjustment of both channels; Dual concentric Bass and Treble controls—give you 4 independent tonal adjustments; 3-position Selector Switch— Aux-Tuner-Phono; Mode (2 Slide Switches) provide Normal Stereo, Reverse channel, Mon A and Mon B; Phase switch—makes up for reversed-phase recordings sometimes found commercially and also corrects for speakers connected out of phase.

MODEL KT-236AWX

Net 59.50

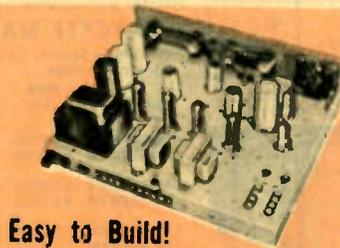
Deluxe Stereo Controls



- 1 3-position Selector switch
- 2 Dual concentric Bass control
- 3 Dual concentric Treble control
- 4 Concentric clutch-operated Volume control
- 5 Unique "Blend" control
- 6 Phase reverse switch
- 7 Mode switches

SPECIFICATIONS

POWER OUTPUT: 36 watts—18 watts per channel ± 1 db. Institute of High Fidelity Manufacturers Rating (72 watt peak). **FREQUENCY RESPONSE:** 15-30,000 cps ± 1 db at normal listening levels. **SENSITIVITY:** For full output; High level inputs 0.5v; Mag. Phono 3 mv. **DISTORTION:** Harmonic, less than 0.15% at normal listening level; IM, less than 3%. **HUM AND NOISE:** (At full volume) High level inputs 70 db below rated output; Mag. phono 53 db below rated output. **CHANNEL SEPARATION:** Better than 50 db. **SPEAKER OUTPUT IMPEDANCE:** 8 and 16 ohms. **INPUTS:** (Total 8) Dual Aux. dual Tuner, dual Phono, dual Crystal Phono, dual Mag. Phono. **OUTPUTS:** (Total 4) Dual main speaker output, dual Tape Out jacks. **TUBE COMPLIMENT:** 4-EL84, 2-7199, 3-12AX7 plus 2 silicon diodes. Attractive beige vinyl laminated steel cabinet. Handsomely designed brass anodized aluminum front panel. Sienna brown molded legs, matching knobs with polished brass inserts. 14 1/2" wide x 11 1/2" deep x 5 3/4" high (with legs and knobs). **POWER:** 180 Watts, 110-125V AC, 50-60 Cycles. 36 watt integrated Stereo Amplifier Kit, complete with deluxe cabinet and legs, all necessary parts and detailed assembly.



Easy to Build!

Anyone can build these superb Lafayette stereo kits—no special skill is needed. Assembly manuals contain clearly-worded step-by-step instructions which guide you all the way. Large full-scale pictorials illustrate every stage of assembly—show you exactly where every part goes. Join the thousands who have already discovered this easy low-cost way of owning the finest audio equipment.

The Popular "Stereo 236"

IN EASY-TO-BUILD KIT FORM

59.50

NO MONEY DOWN

EASY BUDGET PLAN SEE PAGE 381



Comments on the KT-236A

"This is one of the easiest kits to put together. In fact the KT-236A manual is as near to foolproof as we've seen. Another thing we like is the spacious layout of the chassis. There's plenty of room to work in.

"A flexible unit, the KT-236A offers just about every control needed to cope with today's stereophonic reproduction. A unique feature is the "blend control." This provides continuously variable channel separation from full monophonic to full stereo, thereby permitting you to select just the right amount of separation to fit your particular room acoustics.



"I RATE THE KT-236A A GOOD BUY."

"Excellent instructions. You gave me a real bargain."

*Dr. Jack McKenty
Marshfield, Wis.*

"I am very proud of my first effort and satisfied with the KT-236 and its instructions."

*Stephen Melnick
Terryville, N. Y.*

"The unit is proving to be superior to any unit in its price range."

*Sam Seales
Eagleville, Tenn.*

"Instructions excellent and very complete. Very quiet with good quality and gain. This unit is a terrific value for the money—for the price I don't see how the unit can be improved. Excellent as is."

*T. E. Anderson
Darien, Conn.*

"This is one of the best, if not the best, presentation I ever saw. The large scale sheets are wonderful. The KT-236 played well on first trial."

*Richard C. Monge
Tenafly, N. J.*

MONEY-BACK GUARANTEE

Each Lafayette Kit is guaranteed to meet, or exceed, its published specifications for performance or your money is refunded in full. LAFAYETTE GUARANTEES YOU COMPLETE SATISFACTION.



DO-IT-YOURSELF and SAVE with these LAFAYETTE HI-FI STEREO KIT SYSTEMS



MORE IN EVERY WAY! You save more—you get more when you build a Lafayette Stereo System Kit. Carefully selected and matched by experts each component has been completely evaluated by comparative laboratory and listening tests, in order to provide the utmost in flexibility, quality and value. Lafayette Kit Systems are priced at far less than you would pay if you purchased the components separately

and by assembling the amplifier yourself you are able to enjoy an amplifier the equal of costly factory-wired units. Building a Lafayette-Kit is easy, even if you've never built before. Lafayette's famous step-by-step assembly instruction with large easy-to-follow pictorials guide you all the way—make kit building a truly rewarding experience.

BUILD THIS 36-WATT STEREO SYSTEM KIT

COMPONENTS

| | |
|---|-------|
| Lafayette KT-236A 36-Watt Stereo Amplifier Kit | 59.50 |
| Garrard Autoslim 4-Speed Stereo Record Changer (less base) | 39.50 |
| Base for Record Changer (Specify Finish) | 3.95 |
| Pickering U38/AT Diamond Needle Stereo Cartridge | 46.50 |
| 2 Lafayette SK-128 8" Ultra-Linear Biaxial Speakers @ 19.50 | 39.00 |

Regular Catalog Price ~~188.45~~

LAFAYETTE SPECIAL PRICE 139.95
YOU SAVE 48.50

LAFAYETTE MATCHED 36-WATT STEREO KIT SYSTEMS

- Heart of this excellent system is the easy-to-assemble KT-236A integrated stereo amplifier—A complete stereo control center plus two 18-watt amplifiers in one compact unit. Advanced design features a complete array of controls and inputs.
- Lafayette SK-128 8" Biaxial Speakers provide multiple speaker performance with a full even coverage over the entire audible range.
- The renowned Garrard Autoslim or Lesa CD2/21 4-Speed Record Changer supplied with the stereo cartridge of your choice.

*Be Sure to Specify Choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond Needle Cartridge.

| System | Amp. Kit | Changer | Cartridge* | Changer Base† | Speakers | Spkr. Cab. | Shpg. Wt. | Net |
|------------|----------|--------------|-------------------------------------|---------------|----------|------------|--------------|----------|
| LSK-241WXM | KT-236A | Autoslim** | Choice of Lesa† | Laf 2 SK-128 | 2 Mini-2 | Duct† | 48 lbs. | 139.95 |
| LSK-242WXM | KT-236A | Lesla CD2/21 | | | | | Laf 2 SK-128 | 2 Mini-2 |
| LSK-243WXM | KT-236A | Autoslim** | Pickering U38/AT, M3D or Empire 880 | Laf 2 SK-128 | 2 Mini-2 | Duct† | 91 lbs. | 184.95 |
| LSK-244WXM | KT-236A | Lesla CD2/21 | | | | | Lesla† | 2 SK-128 |
| LSK-245WXM | KT-236A | Autoslim** | M3D or Empire 880 | Laf 2 SK-58 | 2 SK-58 | — | 59 lbs. | 159.95 |
| LSK-246WXM | KT-236A | Lesla CD2/21 | | | | | Lesla† | 2 SK-58 |
| LSK-247WXM | KT-236A | Autoslim** | M3D or Empire 880 | Laf 2 SK-58 | 2 CK-34† | 107 lbs. | 205.50 | |
| LSK-248WXM | KT-236A | Lesla CD2/21 | | | | | Lesla† | 2 SK-58 |

**=Garrard Autoslim, †=Specify Walnut, Mahogany or Blonde Base. ††=Specify Walnut, Mahogany or Oiled Walnut ‡=Unfinished Walnut Veneers

For detailed description of all components in the above systems, see pages 25, 47, 53, 55, 72, 75, 76 and 82. For Tuner Kits to add to above systems see pages 20 through 23.



LAFAYETTE KT-236A



SK-128W SPEAKERS

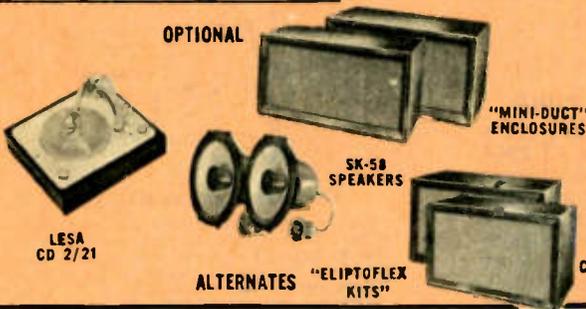
CHOICE OF STEREO CARTRIDGE



GARRARD AUTOSLIM

CHANGER BASE

OPTIONAL



LESA CD 2/21

"MINI-DUCT" ENCLOSURES

SK-58 SPEAKERS

ALTERNATES "ELIPTOFLEX KITS"

CK-34

Deluxe 50-WATT DO-IT-YOURSELF STEREO KIT SYSTEM

MATCHED COMPONENTS

| | |
|---|-------|
| Lafayette KT-250A 50-Watt Stereo Amplifier | 74.50 |
| Glaser-Steers GS-77T 4-Speed Record Changer (less base) | 59.50 |
| Base For Changer (Specify Finish) | 3.95 |
| Pickering U38/AT Diamond Stereo Cartridge | 46.50 |
| 2-Lafayette SK-58 12" Coaxial Speakers @ 29.50 | 59.00 |

Regular Catalog Price ~~243.45~~

LAFAYETTE SPECIAL PRICE 184.75
YOU SAVE 58.70

- The KT-250A represents the finest quality in its class—provides everything you could want in a stereo amplifier. Two 25-watt amplifiers integrated with complete stereo control facilities. Provision to expand at a later date with stereo tape deck and/or stereo FM/AM tuner. Features include separate bass and treble controls for each channel and concentric clutch-operated controls for individual or simultaneous level adjustment of each channel—The equal of the finest factory-assembled units and you save by building it yourself.
- Two Famous Lafayette SK-58 12" Coaxial speakers with sheepskin free-edge cone and 3" cone tweeter provide superb reproduction without coloration or distortion.
- The Glaser-Steers GS-77T 4-Speed Record Changer with its record of outstanding reliable performance, supplied with the stereo cartridge of your choice.

LAFAYETTE MATCHED 50-WATT STEREO KIT SYSTEMS

*Be Sure to Specify Choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond Needle Cartridge.

| System | Amp. Kit | Changer | Cartridge* | Changer Base† | Speakers | Spkr. Cab. | Shpg. Wt. | Net |
|------------|----------|----------------------|---|---------------|----------|------------|--------------|----------|
| LSK-359WXM | KT-250A | Glaser-Steers GS-77T | Choice of Pickering U38/AT, M3D or Empire 880 | Laf 2 SK-58 | 2 SK-58 | — | 80 | 184.75 |
| LSK-360WXM | KT-250A | Garrard AT6 | | | | | Laf 2 SK-58 | — |
| LSK-361WXM | KT-250A | Glaser-Steers GS-77T | Pickering U38/AT, M3D or Empire 880 | Laf 2 SK-58 | 2 SK-58 | 2CK-34† | 128 | 229.75 |
| LSK-362WXM | KT-250A | Garrard AT6 | | | | | Laf 2 SK-58 | 2CK-34† |
| LSK-363WXM | KT-250A | Glaser-Steers GS-77T | Shure M3D or Empire 880 | Laf 2 SK-180 | 2 SK-180 | — | 74 | 188.75 |
| LSK-364WXM | KT-250A | Garrard AT6 | | | | | Laf 2 SK-180 | — |
| LSK-365WXM | KT-250A | Glaser-Steers GS-77T | M3D or Empire 880 | Laf 2 SK-180 | 2 SK-180 | 2 CK-34† | 122 | 233.75 |
| LSK-366WXM | KT-250A | Garrard AT6 | | | | | Laf 2 SK-180 | 2 CK-34† |

†=Specify Walnut, Mahogany or Blonde Base. ‡=Unfinished Walnut Veneers

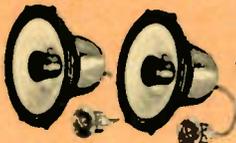
For detailed description of all components in the above systems, see pages 24, 47, 51, 72, 76, 77 and 82. For Tuner Kits to add to above systems see pages 20 through 23.



LAFAYETTE KT-250A



GLASER-STEERS GS-77T



SK-58 SPEAKERS

CHOICE OF STEREO CARTRIDGE



OPTIONAL "ELIPTOFLEX KITS"



GARRARD AT 6

SK-180

CK-34

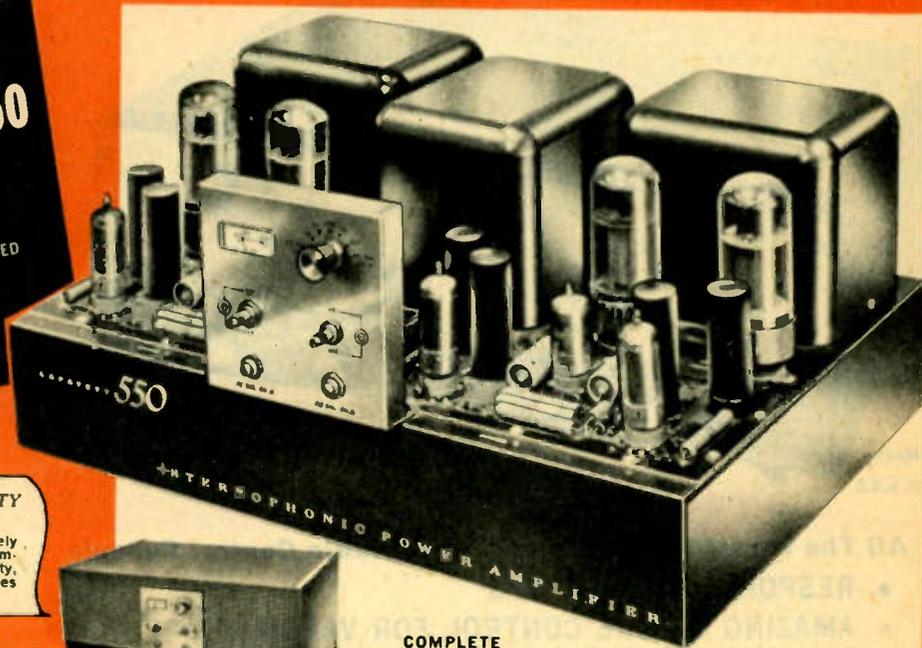
FREE ESL DUST BUG, Stylus Pressure Gauge, 20' Speaker connecting cable, all necessary connectors, and interconnecting instructions with purchase of any HI-FI System listed on this page



The KT-550 Criterion™ "LABORATORY STANDARD" 100-WATT STEREO BASIC AMPLIFIER KIT

MODEL KT-550
134⁵⁰
IN EASY TO BUILD KIT FORM
EASY PAY PLAN SEE PAGE 381

MODEL LA-550
184⁵⁰
COMPLETELY WIRED and TESTED



COMPLETE with ATTRACTIVE METAL ENCLOSURE

ASSURANCE OF COMPONENT QUALITY ONE YEAR PARTS GUARANTEE

All components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.

Flawless Performance

- Conservatively Rated at 50-Watts Per Channel, 100-Watts For Monophonic Use.
- Frequency Response From 2-100,000 cps, + 0, -1 db at 1-Watt. 14-45,000 cps, +0 -1 db at 50 watts.
- Distortion Levels So Low They Are Unmeasurable
- Hum and Noise Better Than 90 db Below 50-Watts
- Multiple Feedback Loop Design (over 50 db) Lowers Distortion Without Sacrificing Stability
- Metered Calibration Control Panel With D.C. Bias and AC Balance Potentiometers
- Massive Grain Oriented Silicon Steel Transformers
- New High Power Sensitive 7027A Output Tubes
- Silicon Diode Power Supply
- Effortlessly Drives Today's Low Efficiency Speakers

READ THESE COMMENTS FROM THE CRITICS & TECHNICAL PRESS

ELECTRONICS WORLD "One of the best hi-fi amplifiers on the market."

Hi-Fi/Stereo review "The square-wave response of the KT-550 was practically perfect."

AUDIO "We would recommend this amplifier to any audiophile."

HIGH-FIDELITY "United States Testing Company feels the '550' is one of the finest amplifiers it has seen."

TECHNICAL SPECIFICATIONS

Power Output: 50-watts per channel continuous RMS from 20-20,000 cps; 100-watts monophonic operation. Total Harmonic Distortion: Less than .15% at 1,000 cycles at 50 watts each channel, 0.75% from 20-20,000 cps at 50 watts each channel. Intermodulation Distortion: Less than 0.5% at 50-watts equivalent sine wave power, 60 & 7,000 cps, 4:1 ratio. 0.15% at 10-watts equivalent sine wave. Frequency Response: 14-45,000 cps, 0 -1 db at 50-watts; 2-100,000 cps, +0 -1db at 1 watt. Sensitivity: 1.0 volt RMS input for 50-watts output. Damping Factor: 15 at 1 kc—16 ohms. Feedback: Over 50db in six multiple loops. Hum and Noise: Better than 90 db below 50-watts. Output Impedance: 4, 8 and 16-ohms. Convenience Outlet: Single A.C. convenience outlet. Fuse: Externally accessible fuse. Controls: 4 Bias Controls. 2 AC Balance Controls. Meter Selector Switch and Power On/Off Switch. Tube Complement: (Total of 10) 4-7027A, 4-6CL6, 2-6BR8A plus 5 Silicon Diodes. Power Consumption: 350-watts.

Brilliantly conceived, the KT-550 incorporates advanced engineering techniques along with new concepts in audio design to achieve an output of 50-watts per channel for stereo operation, or 100-watts combined output in monaural application. Laboratory and listening studies have shown that the performance characteristics of an amplifier in the non-audible frequency ranges, have a direct effect on the quality of sound in the audible frequency range. Amplifiers limiting their frequency response to slightly above and below the limits of audibility have a tendency toward strident reproduction, a poorly defined low end and an inferior differentiation of instruments in the high overtones. The sound reproducing capabilities of the KT-550 are far in excess of the audible range . . . +0 -1 db from 2 to 100,000 cps without evidence of ringing or instability.

The conventional approach in amplifier design for lowering distortion has been the use of "single loop" feedback. In contrast the KT-550 utilizes a "multiple loop" design to increase the degree of feedback and thus achieve phenomenally low distortion and high stability, with an absolute absence of listening fatigue. The ratio of these "multiple loops" are adjusted to the relative degree of distortion produced. If one stage has twice the distortion of another, twice as much feedback is applied to it. This technique results in a 20/1 to 30/1 reduction in distortion as compared with a 10/1 to 20/1 reduction in conventionally designed units. Every component part of the KT-550 was carefully chosen to complement its overall excellence. Special output transformers were designed to entirely utilize the broad band circuitry—fully potted, massively designed and constructed with grain oriented silicon steel cores in 11 winding sections, as opposed to 5 or 7 sections in normal audio transformers. To meet exacting professional specifications and insure optimum performance the KT-550 employs a metered calibration control panel.

Engineered for the kit builder, the KT-550 incorporates two printed circuit boards—virtually eliminates any possibility of error. Lafayette's famous step-by-step instruction manuals plus large pictorials provide ease of assembly even for the most technically inexperienced—assures performance equal to the original, custom-built laboratory model. Handsomely finished in contrasting brown and beige with control panel finished in brass. Complete with all components including attractive beige finish steel cover, with built-in handles. 17¼Wx12½Dx8¼"H. For 110-125V 50/60 cycle operation.

KT-550WX Shpg. wt., 60 lbs. Net 134.50

Dual 50-watt stereo amplifier as above, wired and tested.

LA-550WX Net 184.50

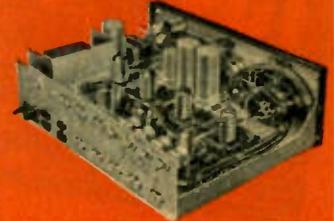
Lafayette Criterion™ KT-600A Stereo Pre-Amplifier Master Control Center



Made in U.S.A.

PATENTS APPLIED FOR ON BRIDGE AND NULL BALANCE CIRCUITRY.

| | |
|---------------------------|--------------------------------|
| MODEL KT-600A | LA-600A |
| 79⁵⁰ | 134⁵⁰ |
| EASY-TO-BUILD KIT FORM | COMPLETELY WIRED AND TESTED |
| NO MONEY DOWN | |



Highest Quality Components—Costly deposited metal film resistors and 5% mica capacitors insure long life and peak performance.

All The Versatility Of A Broadcast Studio Control Console

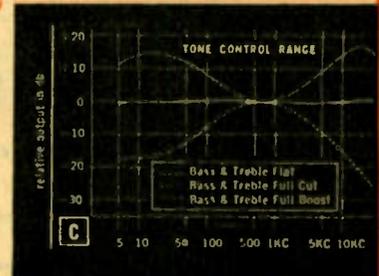
- RESPONSE 5-40,000 CPS
- AMAZING BRIDGE CONTROL FOR VARIABLE 3rd CHANNEL OUTPUT
- HIGHLY PRECISE "NULL" BALANCING & CALIBRATION
- TAPE HEAD PLAYBACK EQUALIZATION FOR NEW 4-TRACK STEREO
- 4-AUXILIARY AC OUTLETS

The KT-600A represents a brilliant stereo achievement. This "no-compromise" stereo preamplifier and control unit offers unlimited versatility, includes every feature necessary for the finest reproduction. It has a total of 12 input jacks (6 stereo pairs) for program sources of any type and level—all of which may be selected by front panel control. Separate turn-over and roll-off switches provide 24 positions of correct equalization—Independent for each channel. Dual concentric stereo function selector for maximum flexibility in controlling selected program sources. A unique Bridge Control provides continuously variable channel separation from full mono to full stereo, or it can optionally be used to regulate the 3rd channel output. A clutch-operated Volume Balance Control provides independent or simultaneous level adjustment of channels. Low impedance Plate Follower outputs are used, and a host of many other professional type features.

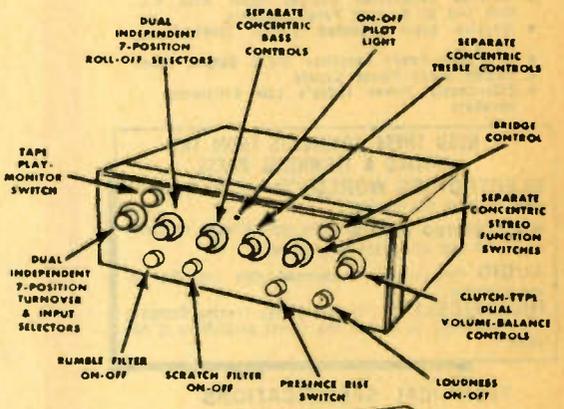
KT-600AWX Stereo Preamplifier Kit No Money Down Net 79.50
LA-600AWX Stereo Preamplifier, wired and tested No Money Down Net 134.50

SPECIFICATIONS

FREQUENCY RESPONSE: 5-40,000 cps \pm 1 db. DISTORTION: Less than 0.05% 1M at 2 volts out; Less than 0.1% Harmonic, at 2 volts out. SENSITIVITY: Low Level 2.2 mv for 1 volt out; high level 94 mv for 1 volt out; Tape Head inputs 1.8 mv for 1 volts out. HUM AND NOISE: High level inputs better than 80 db below 2.0 volts; low inputs better than 62 db below 2.0 volts. INPUT IMPEDANCES: High level—250K ohms; Mag—47K or 96K ohms; Ceramic—Matches Hi-Z cartridges; Tape Head—470K ohms. OUTPUT IMPEDANCES: Main Outputs—1500 ohms; Tape Outputs—2700 ohms; Bridged Output—1100 ohms. TONE CONTROL RANGE: Bass \pm 15 db at 30 cps; Treble \pm 15 db at 10Kc. RUMBLE FILTER: 12 db/octave slope, down 15 db at 30 cps. SCRATCH FILTER: 12 db/octave slope, down 15 db at 15Kc. CROSSTALK: Greater than 55 db separation between channels. AUXILIARY AC OUTLETS: 4, 1 unswitched. TUBES: 7-7025, 2-Selenium Rectifiers. POWER REQUIREMENTS: 35 Watts, 105-125 volts AC, 50/60 cycles. SIZE: 14Wx4 $\frac{1}{2}$ Hx11 $\frac{1}{2}$ D, not including projections. Shpg. wt., 16 lbs.



Proof of Performance—Equals and surpasses the costliest professional equipment.



Comments from the CRITICS and TECHNICAL PRESS!

AUDIO

"This is a skillfully engineered unit incorporating almost every mono and stereo function of value that has yet appeared."

high fidelity

"The Lafayette KT-600 is unquestionably one of the most flexible stereo control units available today. Its flexibility is complemented by overall performance comparable to manufactured units selling for far more than its modest price. For all practical purposes may be considered a distortionless device."

ELECTRONICS WORLD

"It incorporates just about all the features one could hope to find on a single chassis."

ASSURANCE OF COMPONENT QUALITY

ONE YEAR PARTS GUARANTEE

All components in this unit are conservative engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.

NOW
YOU CAN AFFORD

The Very Finest

LAFAYETTE BUILD-IT-YOURSELF PROFESSIONAL 100-WATT STEREO SYSTEM

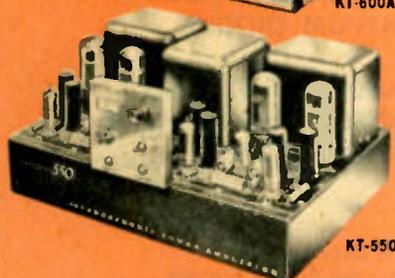
Take the Smart Approach Toward Stereo—Build your system the Lafayette way—the Kit way. Nothing can compare to the feeling of personal pride and sense of achievement derived from "doing-it-yourself." For many who have always wanted the finest High Fidelity equipment, but have found the cost of factory-wired units prohibitive, Lafayette Kits offer the ideal solution. Indeed the quality of your

home stereo system need be no different from that of a professional studio. Specially selected and matched, this Lafayette Kit Stereo system offers you professional performance at far less than equivalent factory-wired units and by purchasing the complete system, you take advantage of Lafayette's System plan price.

COMPONENTS

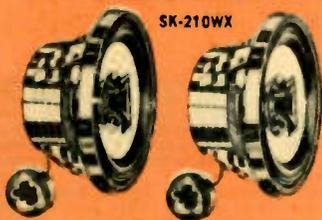


KT-600A



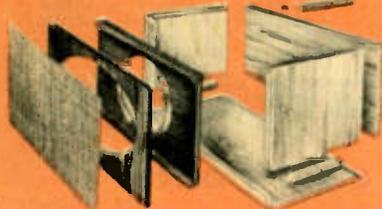
KT-550

ALTERNATES

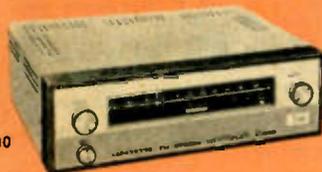


SK-210WX

CK-34 (ELIPTOFLEX KIT)



Optional



LT-700

MATCHED COMPONENTS

| | |
|---|--------|
| Lafayette KT-600A Stereo Preamplifier Kit | 79.50 |
| Lafayette KT-550 Dual 50-Watt Basic Stereo Amplifier Kit (with enclosure) | 134.50 |
| 2 Lafayette SK-215 15" 3-Way Speakers @ 64.50 each | 129.00 |
| Garrard Model A Record Changer (less base) | 79.50 |
| Base for Model A Changer (Specify Finish) | 3.95 |
| Pickering U38/AT Diamond Needle Stereo Cartridge | 46.50 |

NO
MONEY
DOWN

414⁵⁰

LAFAYETTE KIT
SYSTEM PRICE

Regular Catalog Price ~~472.95~~

YOU SAVE 58⁴⁵

EASY PAY PLAN SEE PAGE 381

YOUR CHOICE OF ONE OF THESE CARTRIDGES



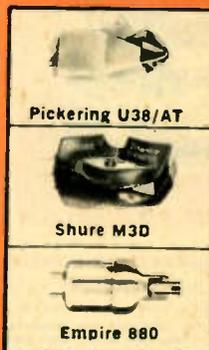
GARRARD
MODEL A



SK-215



Changer
Base



Pickering U38/AT

Shure M3D

Empire 880



CK-10
OPTIONAL

● Considered by many professionals as the finest stereo preamplifier available, the KT-600A offers all the versatility of a broadcast studio control console, yet is designed specifically for the kit builder.

● Heart of the system is Lafayette's KT-550 "Laboratory Standard" dual 50-watt basic stereo amplifier. Utilizes advanced multiple feedback loop circuitry and offers unsurpassed distortionless performance.

● The 4-speed Garrard Model "A" automatic turntable is offered with your choice of stereo cartridges and is ideal for stereo.

● Two Lafayette SK-215 3-way 15" speakers feature a 5 lb. Ceramic magnet and built-in crossover network. Provides a breathtaking purity of sound from 20 to 20,000 cps.

LAFAYETTE 100-WATT EXPERTLY MATCHED DELUXE STEREO KIT SYSTEMS

*Be sure to specify Pickering U38/AT, Shure M3D or Empire 880 Diamond Needle Cartridge

| System | Amp. Kit | Preamp Kit | Garrard Changer | Cartridge* | Changer Base | Tuner | Speaker | Speaker Cabinet Kit | Shpg. Wt., lbs. | Net |
|------------|----------|------------|-----------------|---|--------------|----------|----------|---------------------|-----------------|--------|
| LSK-559WXM | KT-550 | KT-600A | Model A | Choice of Pickering U38/AT, Shure M3D or Empire 880 | Laf † | — | 2 SK-215 | — | 175 | 414.50 |
| LSK-560WXM | KT-550 | KT-600A | Model A | | Laf † | — | 2 SK-215 | 2 CK-10 | 283 | 469.50 |
| LSK-561WXM | KT-550 | KT-600A | Model A | | Laf † | — | 2 SK-210 | — | 135 | 369.95 |
| LSK-562WXM | KT-550 | KT-600A | Model A | | Laf † | — | 2 SK-210 | 2 CK-34 | 183 | 416.75 |
| LSK-563WXM | KT-550 | KT-600A | Model A | | Laf † | LT-700 | 2 SK-215 | — | 193 | 519.50 |
| LSK-564WXM | KT-550 | KT-600A | Model A | | Laf † | LT-700 | 2 SK-215 | 2 CK-10 | 301 | 575.00 |
| LSK-565WXM | KT-550 | KT-600A | Model A | Laf † | LT-700 | 2 SK-210 | — | 153 | 479.50 | |
| LSK-566WXM | KT-550 | KT-600A | Model A | Laf † | LT-700 | 2 SK-210 | 2 CK-34 | 201 | 524.50 | |

† = Specify Mahogany, Walnut or Blonde
For detailed descriptions of all components in the above systems, see pages 16, 27, 28, 48, 50, 72, 73, 76, and 82.

For Tuner Kits to add to the above systems see pages 20 through 23.

FREE

with purchase of any Hi-Fi Stereo Kit System above! ESL Dust Bug, Stylus Pressure Gauge, 20' Speaker Cable, Connectors and Clear Inter-connecting Instructions.



LAFAYETTE Criterion™ 120-WATT

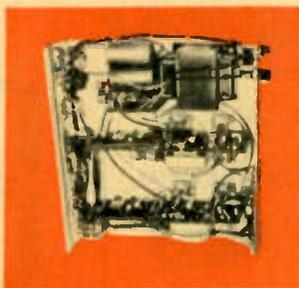
NEW!

ALL TRANSISTOR STEREO AMPLIFIER KIT KT-900

A MILESTONE IN TRANSISTORIZED KIT CIRCUITRY.....ENGINEERED TO SUPREME PROFESSIONAL STANDARDS FOR YOUR LISTENING PLEASURE!



DELIVERY DEC. 15, 1962



134⁵⁰
NO MONEY DOWN
BUY ON TIME SEE PAGE 381

120 Watts (60 Watts Per Channel)—8 ohms.
76 Watts (38 Watts Per Channel)—16 ohms.
76 Watts (38 Watts Per Channel)—4 ohms.

FINEST REPRODUCTION WITH PLENTY OF POWER WITH ANY SPEAKER!

COMPARE WITH KITS AND WIRED AMPLIFIERS COSTING MUCH MORE!

**22 TRANSISTORS (11 Power Types)
10 SILICON DIODES plus
4 GERMANIUM DIODES**

**NEW HANDSOME STYLING . . .
UNSURPASSED PERFORMANCE . . .
UNEQUALED FEATURES . . .**

- Heat-Free All-Transistor Lifetime Circuitry
- Separate Concentric Bass, Treble and Volume Controls
- Exceptionally Low Hum and Noise Characteristics
- Wide Selection of Stereo Inputs for Program Sources
- Easy to Wire Printed Circuit Boards

**ASSURANCE OF COMPONENT QUALITY
ONE YEAR PARTS GUARANTEE**

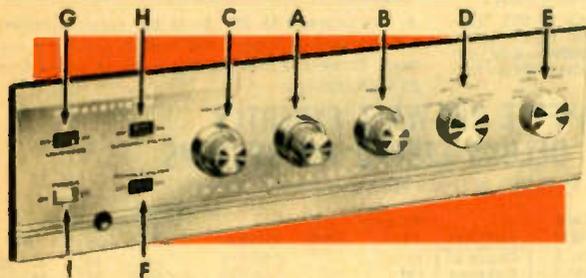
All components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette guarantees all parts including tubes for one year.

Lafayette engineering research now brings to the high-fidelity kit builder an outstanding 120-watt stereo amplifier with all the obvious advantages of its ingeniously designed transistor circuitry. This amazing circuitry features a music output power of 60 watts per channel into an 8 ohm speaker—a feat of distinction in transistor circuitry performance for an integrated amplifier! 76 watts into 16 ohms, 38 watts per channel; 76 watts into 4 ohms, 38 watts per channel. Instantaneous, unsurpassed clean musical reproduction.

Full complement of controls: Separate Concentric Bass, Treble, Volume; Stereo Selection: R channel, L channel Stereo, Stereo Reverse. Input Selector: Phono, Tape Head, Tuner, Auxiliary. Rumble Filter Switch — Scratch Filter Switch — Loudness Control Switch — Power Switch — 2AC convenience Outlets (in rear). Concentric Bass, Treble and Volume Controls facilitates custom channel blending of individual channels and once set, serve as master controls.

Heat-Free operation, extremely low power consumption; practically no audible hum and noise; characteristic reliability, stability and longevity of transistor operation coupled with the neatness and ease of printed circuit board construction make this Lafayette amplifier a delight to build — one that any Kit builder will be proud to own.

Attractive gold anodized extruded aluminum panel and gold anodized knobs. Complete with walnut vinyl covered metal case. For 105-120 volt, 50/60 cycle AC. Size: 13 3/8" wide, 3 1/8" high (with legs), 11 7/8" deep (with knobs). Shpg wt., 25 lbs. KT-900WX Net 134.50



- A. Concentric Bass Control
- B. Concentric Treble Control
- C. Concentric Volume Control
- D. Stereo Mode: R, L, Stereo, Stereo Reverse
- E. Input Selector: Phono, Tape Head, Tuner, Aux.
- F. Rumble Filter Switch
- G. Loudness Control Switch
- H. Scratch Filter Switch
- I. Power Switch

S P E C I F I C A T I O N S

Frequency Response: 10 to 25,000 cps ± 1 db at rated power. Harmonic Distortion: .5% at rated power. IM Distortion: Less than 1%. IHFM Music Power Output: 60 watts per channel (8 ohms) 38 watts per channel (16 ohms & 4 ohms). Hum & Noise: —68 db; Magnetic Phono, —75 db Tuner. Inputs: Magnetic Phono, Ceramic Phono, Tape Head, Tuner, Auxiliary. Controls: Separate Concentric Bass, Treble, Volume; Stereo Mode: R channel, L channel, Stereo, Stereo Reverse. Input Selector: Phono, Tape Head, Tuner, Auxiliary, Rumble Filter Switch — Scratch Filter Switch — Loudness Control Switch — Power Switch — 2AC convenience outlets (in rear).

LAFAYETTE Expertly Matched Stereophonic HI-FI Kit Systems WITH LAFAYETTE'S AMAZING 120 WATT ALL TRANSISTOR AMPLIFIER KIT KT-900

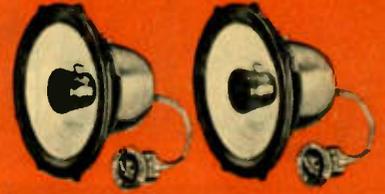
KT-900



GARRARD AT6



2 SK-58 SPEAKERS



CHOICE OF STEREO CARTRIDGE

ALTERNATES: 2 "DECOR-ETTE" SPEAKER SYSTEMS

OPTIONAL 2 CK-34 ELIPTOFLEX CABINET KITS



PICKERING U38/AT or SHURE M3D or EMPIRE 880



SK-240



ALTERNATES:

GARRARD MODEL "A" GLASER-STEERS GS-777

FEATURED COMPONENTS

| | |
|---|--------|
| Lafayette 120 Watt All-Transistor Amplifier Kit KT-900 | 134.50 |
| Garrard AT6 4-Speed Record Changer | 54.50 |
| Base for Record Changer (Specify Walnut, Mahog. or Blonde) | 3.95 |
| Pickering U38/AT Diamond Needle Stereo Cartridge | 46.50 |
| 2 Lafayette SK-58 12" Free Edge Coaxial Speakers @ 29.50 Each | 59.00 |



GARRARD "A"



GS-777

REGULAR CATALOG PRICE **298.45**

LAFAYETTE SYSTEM PRICE

YOU SAVE 63.95

234⁵⁰

NO MONEY DOWN

FOR BUDGET TERMS SEE PAGE 381

Featuring Lafayette's new sensational 120 watt All-Transistor Amplifier Kit the KT-900 (60 watt per channel) the above system includes the famous Garrard AT6 4-speed record changer plus base; the new Pickering U38/AT Diamond Needle Cartridge for outstanding performance on both stereo and monaural records; and Lafayette's acclaimed high efficiency 12" Coaxial speaker the SK-58.

* Be sure to specify your choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond needle cartridge.

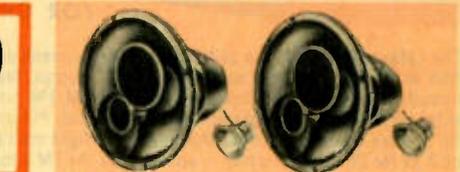
| System | Amplifier Kit | Changer | Changer Base | Cartridge* | Speaker | Speaker Cabinet | Shpg. Wt. lbs. | Net |
|------------|---------------|----------------------|--------------|------------|-----------------------------|-----------------|----------------|--------|
| LSK-901WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-58 | — | 56 | 234.50 |
| LSK-902WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-58 | — | 60 | 234.50 |
| LSK-903WXM | KT-900 | Garrard A | | | 2 ea. SK-58 | — | 66 | 254.50 |
| LSK-904WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-58 | 2 ea. CK-34 | 126 | 279.50 |
| LSK-905WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-58 | 2 ea. CK-34 | 130 | 279.50 |
| LSK-906WXM | KT-900 | Garrard A | | | 2 ea. SK-58 | 2 ea. CK-34 | 136 | 299.50 |
| LSK-907WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-180 | — | 50 | 224.50 |
| LSK-908WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-180 | — | 54 | 224.50 |
| LSK-909WXM | KT-900 | Garrard A | | | 2 ea. SK-180 | — | 60 | 224.50 |
| LSK-910WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-180 | 2 ea. CK-34 | 120 | 289.50 |
| LSK-911WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-180 | 2 ea. CK-34 | 124 | 289.50 |
| LSK-912WXM | KT-900 | Garrard A | | | 2 ea. SK-180 | 2 ea. CK-34 | 130 | 244.50 |
| LSK-913WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-210 | — | 64 | 262.50 |
| LSK-914WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-210 | — | 68 | 262.50 |
| LSK-915WXM | KT-900 | Garrard A | | | 2 ea. SK-210 | — | 74 | 282.50 |
| LSK-916WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-210 | 2 ea. CK-34 | 134 | 307.50 |
| LSK-917WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-210 | 2 ea. CK-34 | 138 | 307.50 |
| LSK-918WXM | KT-900 | Garrard A | | | 2 ea. SK-210 | 2 ea. CK-34 | 144 | 327.50 |
| LSK-919WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-215 | — | 114 | 302.75 |
| LSK-920WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-215 | — | 118 | 302.75 |
| LSK-921WXM | KT-900 | Garrard A | | | 2 ea. SK-215 | — | 124 | 322.75 |
| LSK-922WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-215 | 2 ea. CK-10 | 222 | 359.95 |
| LSK-923WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-215 | 2 ea. CK-10 | 226 | 359.95 |
| LSK-924WXM | KT-900 | Garrard A | | | 2 ea. SK-215 | 2 ea. CK-10 | 232 | 379.95 |
| LSK-925WXM | KT-900 | Garrard AT6 | | | 2 ea. SK-240 ("decor-ette") | — | 140 | 293.50 |
| LSK-926WXM | KT-900 | Glaser-Steers GS-777 | | | 2 ea. SK-240 ("decor-ette") | — | 145 | 293.50 |
| LSK-927WXM | KT-900 | Garrard A | | | 2 ea. SK-240 ("decor-ette") | — | 150 | 313.50 |

For Detailed Description of all components in the above systems, see pages 47, 48, 50, 51, 72, 73, 76 and 77. For TUNER KITS TO ADD TO ABOVE SYSTEMS SEE PAGES 20 THROUGH 23.
† Specify Walnut, Mahogany or Blonde Finish. ‡ Oiled Walnut Finish.

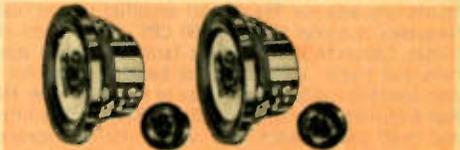
FREE!

FREE

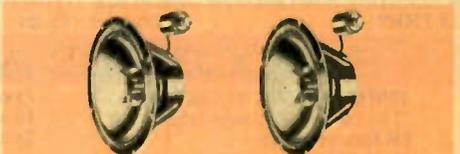
With purchase of any of above systems—ESL DUST BUG for Ultra-Clean Records, Stylus Pressure Gauge, 20' of Speaker Connecting cable and connectors, and detailed interconnecting instructions.



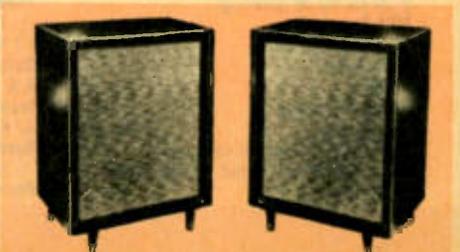
2 SK-180 SPEAKERS



2 SK-210 SPEAKERS



2 SK-215 SPEAKERS



2 CK-10 ENCLOSURE KITS

LAFAYETTE 40-WATT STEREO AM-FM-MULTIPLEX RECEIVER LA-226

It's a Dual 20 Watt Stereo Amplifier!
It's an FM Tuner with Built-in Multiplex!
It's a Superhet AM Tuner!

189⁹⁵

NO MONEY
DOWN

FOR BUDGET TERMS
SEE PAGE 381

Features
20 Tubes
plus
7 Diodes



**DUPLIX 3-GANG TUNING
CONDENSER PROVIDES TUNED RF STAGES
FOR GREATER SENSITIVITY AND SELECTIVITY ON FM AND AM**

The Lafayette LA-226 is a self-contained instrument designed for the control and reproduction of all stereophonic and monophonic sources featuring a new built-in FM multiplex circuit. The receiver section consists of an AM/FM tuner with built-in multiplex which provides more than 30 db separation @ 400 cycles; Precision tuning meter and flywheel tuning for precise station selection. Multiplex pilot light indicates set is tuned to MPX. A sensitivity of 2 μ V for 20 db of quieting is achieved by the FM circuit with AFC and AFC defeat assuring reception of even the weakest signals. FM noise & filter slide switch cuts out unwanted station noise. The AM section features a superheterodyne circuit with AVC, and built-in ferrite loop antenna. The 40-watt amplifier section features large power transformers and a frequency response of 20-20,000 CPS \pm 2db. Less than 1.5% harmonic distortion on all modes. Complete stereo preamp facilities provide dual concentric front panel controls for bass and treble, Volume control balance, blend for variable channel separation; 5-position selection switch from stereo to mono, (AM, FM, FM Stereo, phono, AUX) 4-Position Amplifier mode switch (A, B, AB, REV), rumble filter slide switch, loudness slide switch, and on-off power switch. Rear controls include: Speaker phase switch, 8-16 ohm impedance selector switch, dimension control adjustment, speaker on/off switch, jack for stereo headphones, AC outlet, fuse and stereo tape outputs. Complete with a handsome enclosure in contrasting brown and brass—overall size: 17½Wx15Dx5¼"H.
LA-226WX Shpg. wt., 45 lbs. Net 189.95

- Complete Stereo Preamp Facilities
- AM/FM Tuner with Multiplex
- 15 Front Panel Controls
- Just add a Turntable and Speakers for a Complete Stereo System

SPECIFICATIONS

TUNER: HARMONIC DISTORTION:

.7 on FM for 100% modulation.

FM Freq.-response:

20-20,000 CPS \pm ½ db

FM Sensitivity:

2 μ V for 20 db quieting.

MPX Separation:

30 db @ 400 CPS.

Hum level:

60 db.

Image rejection:

FM—50 db.

AMPLIFIER: Hum and noise

65 db below full output for low level—

75 db for high level.

Power Output:

20 watts per channel.

Sensitivity:

mag phono 2 mv at full output,

crystal input 30 mv at full output.

Tone Control:

\pm 12 db @ 50 CPS (bass), \pm 9 db @

10 KC (treble)

Output Impedance:

8 & 16 ohm, switch selected.

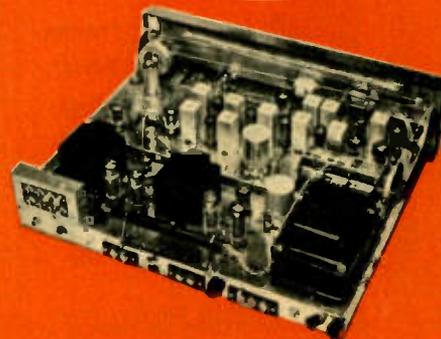
Input Impedance:

47 K phono; .22 meg (high level)

Rumble Filter:

— 8 db @ 50 CPS

Phono Equalization: RIAA.



McIntosh PROFESSIONAL HI-FI COMPONENTS



**NEW MX110 STEREO
FM TUNER/PREAMPLIFIER**



**NEW MR65B
FM STEREO TUNER**



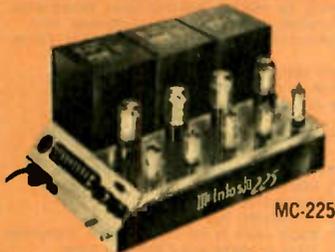
C 20 STEREO COMPENSATOR

The MX110 combines in one unit an extremely low-distortion preamplifier with a highly sensitive FM multiplex stereo tuner. The RF amplifier is a "cascode" type circuit, specially designed to amplify weak signals with less noise and distortion. The mixer output is amplified by 3 flat-topped IF amplifiers using transformers designed for maximum adjacent channel rejection. The audio amplifier consists of 3 negative-feed back sections in duplicate for left and right stereo channels plus a separate L +R mono amplifier. Outputs: Main & L+R, 3 volts; Tape, 0.3 volt. Frequency Response: ± 0.5 db 20-20,000 cps. Distortion: Less than 0.2% @ rated output. Hum and Noise: -80 db. Tuner Sensitivity: Better than $2.5 \mu\text{V}$ @ 100% modulation. IF Bandwidth: 200 KC flat top. Has front panel tuning indicator plus stereo indicator light. Front Panel Controls: Volume; 6-Position Input Selector; 8-Position Mode Selector; L & R Bass; L & R Treble; Muting; LF & HF Filters; Balance; Loudness; Tape Monitor; Phase. 16 Tubes, 12 Diodes, 4 Selenium Rectifiers. For 105-125 volts, 50-60 cps AC. 3 AC outlets (2 switched, 1 unswitched). Front panel finished in anodized gold and black. Size: $16\frac{1}{2} \times 5\frac{1}{2} \times 12\frac{1}{2}$ "D. Shpg. wt., 30 lbs. G-343WX Less Cabinet Net 374.50

The MR65B is a precision-engineered, sensitive FM multiplex stereo tuner offering the finest possible reception of FM mono and FM multiplex stereo broadcasts. It is perfect for use in stereo music systems where nothing less than "THE BEST" will do. The first RF amplifier contains a 6DS4 high-gain Nuvtistor operating into a triode tube to form a "cascode" RF amplifier. Spurious signals are reduced to an extremely low value, and sensitivity is increased to the highest possible point. Featured are a unique AFC circuit which greatly simplifies tuning and an ultra-sonic muting circuit which automatically suppresses all inter-station noise, including noises usually heard tuning in and out of a station. IHFM Useable Sensitivity: $2.5 \mu\text{V}$ @ 100% modulation. Frequency Response: $\pm 0.5\%$ @ 100% modulation. Capture Ratio: 1.5 db @ 100% modulation. Hum Level: -70 db. Output: 2.5 volts, low impedance. 3 IF amplifiers with 200 KC bandwidth, flat top response. 2 limiters. Better than 30 db multiplex channel separation @ 1,000 cps. Front panel multiplex stereo indicator light activated only by 19 KC carrier. 14 Tubes, 10 Diodes and 2 Rectifiers. For 105-125 volts, 50-60 cps AC. Size: $15\frac{1}{2} \times 5\frac{1}{2} \times 12\frac{1}{2}$ "D. Shpg. wt., 31 lbs. G-349WX Less Cabinet Net 329.00

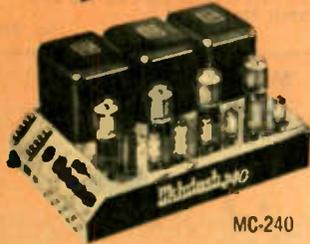
The C 20 is a stereo preamplifier which provides full stereo flexibility while at the same time protecting the listener's investment in monophonic records. A six-position mode selector provides a choice of any one of the following operational modes: Stereo, Stereo Reverse, Left channel on left speaker only, Right channel on right speaker only, Left channel on both speakers, and Right channel on both speakers. The mode selector enables the listener to play his monaural recordings through either speaker alone or through both speakers simultaneously, while normal stereo operation may be restored by simply changing the switch setting back to Stereo. Separate treble and bass tone controls. Has separate channel back panel controls to balance the frequency response of the system independent of front panel controls. Equalization: separate bass and treble 5 position switches, including NAB tape and flat for any low level flat source. Provides Fletcher-Munson compensation, continuously variable. Rumble filter and 2-position (9KC and 5KC) high frequency cutoff, 180° phase reversal control. Input sensitivity: High level — 0.25V; phono — low 2.5 mv, high 12.5 mv; tape head — low 1.25 mv, high 6.25 mv; tape monitor — 0.25V. Freq. response: ± 0.5 db 20 cycles to 20 KC. Distortion less than 0.2% @ rated output. Outputs: Main — 2.5V with rated input; tape — 0.25V with rated input. Power requirements: 117VAC; 35 watts. AC Aux. outlets: 1 unswitched and 4 switched. Less case. Size: $14\frac{1}{2} \times 12\frac{1}{2} \times 4\frac{1}{2}$ "D. Shpg. wt., 19 lbs. G-170WX Less Cabinet Net 269.00

STEREO AND MONO POWER AMPLIFIERS



MC-225

MC225 TWIN 25-WATT STEREO AMPLIFIER. Power Output: Stereo or Twin Amp—25 watts per channel; Mono—50 watts. Frequency Response: ± 0.1 db 18-30,000 cps @ rated power; ± 0.1 db 14-100,000 cps @ half power. Output Impedances: Stereo or Twin Amp.—4, 8, 16, 150, 200, 600 ohms; Mono—2, 4, 8, 75, 100, 300 ohms. Hum and Noise: -90 db. Harmonic and IM Distortion: Less than 0.5% @ rated output, 20-20,000 cps. Phase Shift: Less than $\pm 15^\circ$. 20-20,000 cps. Output Voltages: 25, 70.7 volts. Tubes: 1-12AX7, 2-12AU7, 2-12BH7, 4-7591. Finish: Black & Chrome. For 117 volts, 50-60 cps AC. Size: $14\frac{1}{2} \times 6\frac{1}{2} \times 9\frac{1}{2}$ "D. G-341WX Shpg. wt., 39 lbs. Net 198.00



MC-240

MC240 TWIN 40-WATT STEREO AMPLIFIER. Power Output: Stereo or Twin Amp.—40 watts per channel; Mono—80 watts. Frequency Response: ± 0.1 db 20-20,000 cps @ full rated power. Output Impedances: Stereo or Twin Amp.—2, 4, 8, 16, 125, 600 ohms; Mono—2, 4, 8, 16, 32, 62, 300 ohms. Hum and Noise: -90 db. Harmonic and IM Distortion: Less than 0.5% @ rated output, 20-20,000 cps. Phase Shift: Less than $\pm 6^\circ$. 20-20,000 cps. Tubes: 3-12AX7, 2-12AU7, 2-12BH7, 4-6L6GC. Finish: Black and Chrome. For 105-130 volts, 50-60 cps AC. Size: $16\frac{1}{2} \times 7\frac{1}{2} \times 10\frac{1}{2}$ "D. G-178WX Shpg. wt., 56 lbs. Net 288.00



MC-275

MC275 TWIN 75-WATT STEREO AMPLIFIER. Power Output: Stereo or Twin Amp.—75 watts per channel; Mono—150 watts. Frequency Response: ± 0.1 db 16-40,000 cps @ rated output; ± 0.1 db 10-100,000 cps @ half power. Output Impedances: Stereo or Twin Amp.—4, 8, 16, 67, 150, 600 ohms; Mono—2, 4, 8, 16, 32 ohms. Hum and Noise: -90 db. Harmonic and IM Distortion: Less than 0.5% @ rated output, 20-20,000 cps. Phase Shift: Less than $\pm 8^\circ$. 20-20,000 cps. Output Voltages: 25, 70.7, 115, 230 volts. Tubes: 1-12AX7, 1-12AU7, 1-12BH7, 4-KT88. Finish: Black and Chrome. For 105-130 volts, 50-60 cps AC. Size: $12\frac{1}{4} \times 8\frac{1}{4} \times 17\frac{1}{4}$ "D. G-342WX Shpg. wt., 76 lbs. Net 444.00

MC75 75-WATT POWER AMPLIFIER. Rated at 75 watts continuous output with less than 0.5% Harmonic and IM distortion. Frequency Response: ± 0.1 db 16-40,000 cps. @ 75 watts. Output Impedances: 4, 8, 16, 67, 150, 600 ohms. Output Voltages: 25, 70.7, 115, 230 volts. Tubes: 1-12AX7, 1-12AU7, 1-12BH7, 1-12AT7, 2-KT88. Finish: Black and Chrome. For 117-125 volts, 50-60 cps AC. Size: $8\frac{1}{2} \times 4\frac{1}{2} \times 16\frac{3}{4}$ "D. Shpg. wt., 49 lbs. G-340WX (Not illus.) Net 229.50

MC40 POWER AMPLIFIER. Similar to MC75 except rated at 40 watts output. Size: $8\frac{1}{2} \times 4\frac{1}{2} \times 13\frac{3}{4}$ "D. Shpg. wt., 35 lbs. G-348WX (Not illus.) Net 159.00



NEW C11 STEREO PREAMPLIFIER

The C11 Stereo Preamplifier is a control center for any stereo sound system and combines excellence in performance with ease of operation. The circuit consists of three amplifying sections in duplicate for the left and right stereo channels and a power supply. Advanced techniques were used to assure low hum, noise and distortion. Features include: Main Output of 2.5 volts; Less than 0.2% Distortion @ rated output, 20-20,000 cps; Hum & Noise on high level inputs, 85 db below rated output. Front Panel Controls: 8-Position Input Selector—Aux, Tape, Tuner 1 & 2, Phono 1 & 2, Mic, Tape Head; 7-Position Mode Selector—L to L & R, R to L & R, Stereo Rev, Stereo, Mono (L+R), L + R to L, L + R to R; Left & Right Bass; Left & Right Treble; Balance; Equalization Compensator; Tape Monitor; Phase; Power On/Off; Rumble Filter; Scratch Filter; Loudness; Volume. For 117 volts, 50-60 cps, AC. 5 AC outlets (4 Switched, 1 unswitched) and variable panel light. Front panel finished in anodized gold and black. Size: $15\frac{1}{2} \times 5\frac{1}{2} \times 11\frac{1}{2}$ "D. Shpg. wt., 25 lbs. G-345WX Less Cabinet Net 229.00

MCINTOSH MULTIPLEX ADAPTERS

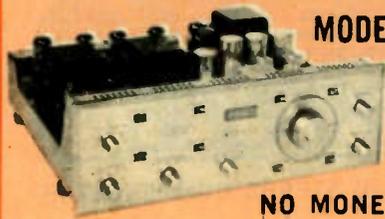
Model MA5 Adapter for Model MR65. Shpg. wt., $1\frac{1}{2}$ lbs. G-344 Net 59.50
Model MA6 Adapter for Model MR66. Shpg. wt., $1\frac{1}{2}$ lbs. G-347 Net 74.50

CABINETS FOR MCINTOSH EQUIPMENT

MODEL L66M Mahogany Cabinet for MX110, MR65B, C20 and C11. Shpg. wt., 5 lbs. G-177WX Net 25.00
MODEL L66W Oiled Walnut Cabinet for MX110, MR65B, C20 and C11. Shpg. wt., 5 lbs. G-178WX Net 25.00

SCOTT STEREOPHONIC TUNER/AMPLIFIERS & TUNERS

NOW SCOTT offers two new tuner/amplifier combinations designed without compromise



MODEL 340

379⁹⁵

NO MONEY DOWN

Wide-band Design and Sonic-Monitor give best stereo FM reception at full power, 20-20,000 cps

SENSITIVE WIDE-BAND FM MULTIPLEX TUNER/AMPLIFIER

Moderately priced—this remarkable tuner/amplifier combination offers all the performance of the world famous 350B wide-band stereo tuner including the unique Sonic-Monitor which tells you audibly when stereo is on the air. Uses non-magnetic aluminum chassis for most rapid heat dissipation and lowest hum. The 340 offers full power (30 watts per channel IHFM) from 20 to 20,000 cycles like the best separate components. The 340 uses the same silver plated front end and signal strength tuning meter used on the famed Scott Broadcast Monitor tuners. For the music lover requiring the compactness of a single unit, but not willing to sacrifice performance, the 340 is the obvious answer. Usable IHFM sensitivity 2.5 μv ; DC heated preamplifier section provides overall hum—80 db; IM distortion under 0.5%. Provisions for switching from front panel between phono and tape deck; separate tone controls each channel; separate on-off, permits presetting all controls; all tuner features of 350B; tape monitor provisions. Dimensions: 16 $\frac{3}{4}$ Wx5 $\frac{1}{2}$ Hx15 $\frac{1}{8}$ "D. Uses G-Size Case. G-645WX Shipping Weight: 35 lbs. Net 379.95

MODEL 355 AM-FM MULTIPLEX TUNER/PREAMP WITH MODEL 208 80-WATT STEREO POWER AMPLIFIER

If you desire AM and FM as well as extra power, then the combination of these two units will meet your needs. The separate 208 power amplifier module can be used up to 50 feet away from the 355 tuner/preamp permitting vertical mounting of the 355. The 208 can be connected directly to the tuner/preamp. Stereo Guide provides a sure indication of the presence of stereo broadcasting. Mode indicator lights and front panel tape output add to flexibility. The 355 and 208 were designed for each other but may be used with other existing components. The 355 uses G-Size Metal Case. The 208 has no case. Dimensions 355, 16 $\frac{3}{4}$ Wx5 $\frac{1}{2}$ Hx13 $\frac{1}{8}$ "D; 208, 16Wx5 $\frac{1}{4}$ Hx7"D. Shipping Weights: 355—19 lbs., 208—28 lbs. G-644WX Model 355 (less cabinet) Net 334.95 G-643WX Model 208 80-watt amp Net 134.95

334⁹⁵

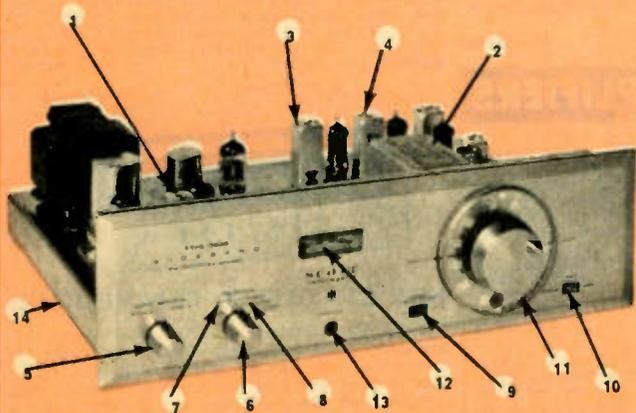
NO MONEY DOWN

EASY BUDGET PLAN SEE PAGE 381



NEW!

350B FM MULTIPLEX STEREO TUNER

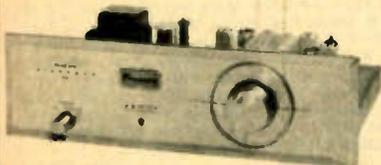


The new 350B wide-band tuner was designed especially for multiplex reception and incorporates many circuit features pioneered by Scott. It also includes many new features essential to good multiplex reception.

1. Special Scott circuitry permits you to make flawless tape recordings of multiplex stereo programs.
2. Unique silver plated front end gives 350B 2.2 μv IHFM sensitivity.
3. 2mc. wideband detector provides superior rejection of interference and complete freedom from drift.
4. Wide-band IF's contribute greatly to the 350B's remarkable sensitivity and selectivity.
5. Sonic-Monitor* audibly signals when stereo is on the air and permits tuning for maximum separation.
6. Selector switch for complete program control from front panel.
7. Monophonic position is used when listening to regular non-multiplex broadcasts.
8. Special Stereo sub-channel noise filter removes noise on the sub-channel only. Main channel frequency response is unaffected, resulting in high-quality stereo reproduction.
9. Stereo noise filter removes noise from both stereo channels when receiving very noisy broadcasts. Full stereo separation is maintained.
10. Multiplex-Mono switch provides selectable AGC action for improved multiplex reception on weak or strong signals.
11. Professional Vernier tuning control with special logging scale for accurate station selection.
12. Professional illuminated signal strength meter helps tune station to strongest point. Can also be used to help you orient antenna.
13. Front panel stereo tape output. Rear tape output also provided.
14. Special non-magnetic chassis assures high sensitivity, low hum.

Specifications: IHFM sensitivity, 2.2 μv , signal: noise ratio is 60 db, harmonic distortion is 0.8%, frequency response: 30 to 15,000 cps. Uses C metal and CWM and CWW wood cases. Dimensions: 15Wx4 $\frac{3}{8}$ Hx11"D. *Patent Pending. G-646WX Shipping Weight: 19 lbs. Net 219.95

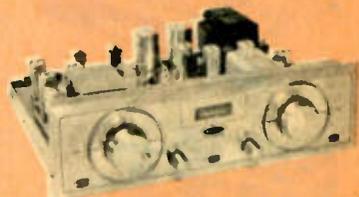
NEW MODEL 370 STEREO TUNER WITH SONIC-MONITOR



Now you can own a famous Scott wide-band multiplex tuner for the price you would expect to pay for a narrow-band tuner. Simple to operate—fool proof Sonic-Monitor tells you when stereo broadcasting is on the air—non-magnetic chassis for lowest hum and best heat dissipation. IHFM usable sensitivity 3.5 μv , assures fine reception even in many difficult reception areas. With 72 ohm balanced input sensitivity 1.25 μv for 20 db quieting. Dimensions: 15Wx4 $\frac{3}{8}$ Hx11"D. Uses C-size case. G-647WX Shipping Weight: 16 lbs. Net 169.95

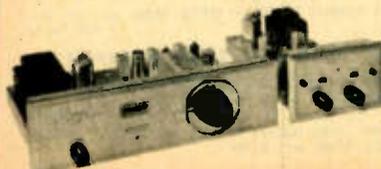
UP TO 24 MONTHS TO PAY SEE PAGE 381

MODEL 333 AM-FM MULTIPLEX TUNER



This superb tuner incorporates all the features of the widely respected 350B FM Multiplex tuner, along with Scott's unique Sonic-Monitor. In addition, the 333 includes Scott's famous Wide-Range AM with two position bandwidth switch which makes AM listening practically indistinguishable from FM. The 333 allows you to listen to either AM-FM stereo or new FM multiplex stereo. Uses C-size case. Dimensions: 15Wx4 $\frac{3}{8}$ Hx12"D. G-648WX Shipping Weight: 20 lbs. Net 259.95

314 FM TUNER & 335 MULTIPLEX ADAPTOR



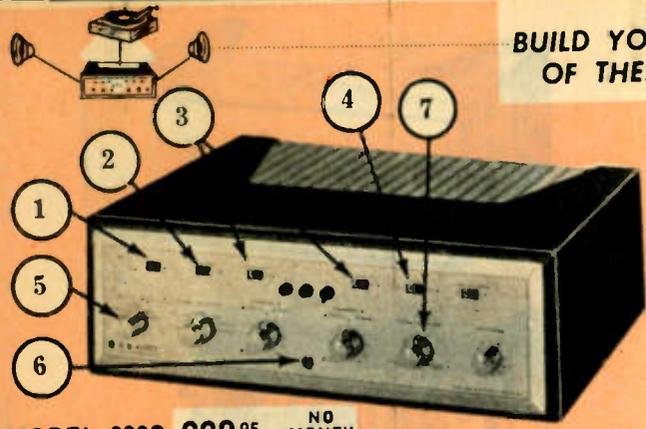
For the person not now interested in multiplex stereo, the 314 provides the monophonic performance of the 350 tuner. By the simple addition of a 335 multiplex stereo adaptor, the 314 or any wide-band Scott tuner can be converted to receive FM stereophonic broadcasts. Use 335 only with Scott tuners. Dimensions: 314, 15 $\frac{1}{4}$ Wx5 $\frac{1}{4}$ Hx12 $\frac{1}{2}$ "D; 335, 7 $\frac{1}{4}$ Wx5 $\frac{1}{4}$ Hx13"D. 314 uses C-size case; 335 uses H-size case. Shpg. wt., 314, 10 lbs.; 335, 8 lbs. G-163WX Model 314 FM Tuner Net 124.95 G-626WX Model 335 Multiplex Adapter Net 109.95

SCOTT

STEREOPHONIC AMPLIFIERS



BUILD YOUR OWN STEREOPHONIC SYSTEM AROUND ONE OF THESE H. H. SCOTT COMPLETE STEREO AMPLIFIERS



MODEL 299C 229.95 NO MONEY DOWN

The 299C is the newest version of a fine series . . . now 80 watts total.

FRONT PANEL CONVENIENCE FEATURES OF THE 299C

1. Pickup switch allows selection between two magnetic cartridges, or between magnetic cartridge and tape head.
2. Tape monitor for checking tapes while you record.
3. Scratch and rumble filters on all inputs.
4. Phase reverse
5. Equalization for microphone as well as NAB tape head and RIAA records
6. Stereo headphone output, switches off speakers
7. Derived center channel level control

BUY ON TIME SEE PAGE 381

NEW MODEL 299C 80-WATT STEREO AMPLIFIER

A superb unit designed to accommodate every existing signal source. Has stereo tape recorder outputs and stereo tape playback (monitoring) input. In addition to features on diagram above, the 299C has separate bass and treble tone controls for each channel; switchable loudness compensation; mono record from a stereo cartridge. Aluminum chassis and D.C. heated preamp filaments for low hum. Uses 4-7591 output tubes and rectifier.

FRONT PANEL CONTROLS: Input selector (MIKE, NAB tape head, and RIAA record equalization); Tuner; Tuner; Extra. Selector (Balance A, B, Monophonic Records);

Stereo; Reverse stereo; Channel A, B; Tone Controls channels A, B; Stereo Balance; Derived Center channel Level Control; Loudness/Push-pull on/off; Pickup Selector; Tape Monitor; Scratch and rumble filters; Phase reverse; Loudness Compensation. Low impedance Stereo headphone output on front panel; High impedance Stereo headphone output on rear. Dimensions in accessory case 15½x13¼x13¼"D. Shpg. wt., 28 lbs. See amplifier performance specs, on this page.

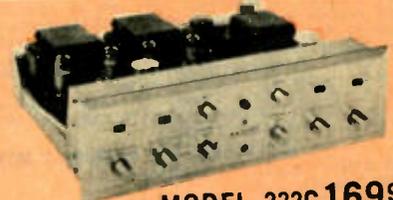
G-635WX (less case) Net 229.95

NEW MODEL 222C 48-WATT STEREO AMPLIFIER

Excellent value at moderate price. The 222C has separate treble and bass controls for each channel; aluminum chassis and D.C. heated preamp filaments for low hum; and front panel stereo headphone output. Controls: Input Selector (phono or tape head; Tuner; Extra); Stereo Selector (Balance A, B; Monophonic Records; Stereo; Reverse stereo; channel A, B); Tone controls Channel A & B; Stereo Balance;

ance; Loudness*push-pull off/on; Equalization (NAB tape or RIAA records); Scratch filter; Loudness compensation. Uses 4-7189 output tubes and rectifier. Refer to amplifier specs. below. Dimensions in accessory case: 15½x13¼x13¼"D. Shpg. wt., 25 lbs.

G-636WX (less case) Net 169.95



MODEL 222C 169.95

MODEL 296 100-WATT DYNAURAL STEREO AMPLIFIER

- Superior Construction and Design — Every Desirable Control • Patented H. H. Scott Dynaural Rumble Suppressor • Huge Oversize Transformers

This outstanding amplifier has all the features of the 299C plus Front panel input level controls for phono cartridges and tape heads permitting perfect matching of cartridge or tape head output to input sensitivity of the 296. Acoustic level controls for matching amplifier's output with speaker efficiency; the famed patented H. H. Scott dynamic rumble suppressor which removes rumble without affecting music frequency response. Front panel controls: Same as 299C, plus phono (or tape head) input level; acoustic level control; dynamic rumble suppressor. Huge transformers for outstanding low frequency response. Performance specifications: see chart on this page. Dimensions in optional accessory case: 16¾x13¼x6¾". For 105-125 volts A.C. 50/60 cycles. Shpg. wt., 50 lbs.

quency response. Front panel controls: Same as 299C, plus phono (or tape head) input level; acoustic level control; dynamic rumble suppressor. Huge transformers for outstanding low frequency response. Performance specifications: see chart on this page. Dimensions in optional accessory case: 16¾x13¼x6¾". For 105-125 volts A.C. 50/60 cycles. Shpg. wt., 50 lbs.

G-634WX (less case) Net 299.95



MODEL 296 299.95

AMPLIFIER PERFORMANCE SPECIFICATIONS

| | 222C | 296 | 299C |
|--------------------------------------|-----------|-----------|-----------|
| IHFV Power output, watts per channel | 24 | 50 | 40 |
| Frequency response ±1 db | 20-20KC | 20-20KC | 20-20KC |
| Harmonic Distortion, full output | 0.8% | 0.8% | 0.8% |
| I. M. Distortion (CCIF) | 0.3% | 0.3% | 0.3% |
| IHFV Power bandwidth | 19-25,000 | 19-25,000 | 19-25,000 |
| Hum and noise | -80db | -80db | -80db |
| Speaker output impedances | 4, 8, 16 | 4, 8, 16 | 4, 8, 16 |

SCOTT ACCESSORY CASES

Two types of cases are available. The leatherette-finished metal case includes ventilating louvers. The handsome wooden cases have a removable metal grille.

C metal case—15½"Wx5¼"Hx13¼"D—for 222C, 299C, 314, 333, 350B, 370, LT-110, LT-10, LC-21, LK-48, LK-72. G-147WX Shpg. wt., 4 lbs. Net 13.95

Wooden C case—same dimensions as C metal case and for same units, available wal. & mah. G-149W CWM—Mahogany, Shpg. wt., 6 lbs. Net 22.50

G-150W CWW—Oiled Walnut Net 22.50

G metal case—17½"Wx6½"Hx15½"D—for 296, 340, 355 (without 208), 4100, 4120, 4310. G-637W Shpg. wt., 6 lbs. Net 17.95

Wooden G case—same dimensions as G metal case and for same units, available wal. & mah. G-638W GWM—Mahogany, Shpg. wt., 7 lbs. Net 29.95

G-639W GWW—Oiled Walnut Net 29.95

H metal case—7¼"Wx5¼"Hx13"D—for 335 and LM-35. G-627WX Shpg. wt., 3 lbs. Net 9.95

SPEAKER SYSTEMS by SCOTT

MODEL S-2 PROFESSIONAL SPEAKER SYSTEM

MODEL S-3 WIDE RANGE SPEAKER SYSTEM

as low as 179.95

as low as 119.95

UP TO 24 MONTHS TO PAY SEE PAGE 381



H. H. Scott's remarkable new speaker system designed for use where virtual recreation of the original sound is desired. This four-driver, acoustic compliance system consists of a low resonance, high excursion woofer, two dual-cone mid-range units, and a special wide dispersion spherical tweeter mounted in a matched cabinet. Mid-range units are acoustically isolated to eliminate undesirable coupling and intermodulation. Impedance 16 ohms. Overall size: 23¾Hx14½Wx12½"D. Shpg. wt., 48 lbs.

GB-550WX Oiled Walnut Net 199.95

GB-551WX Mahogany Net 199.95

GB-553WX Unfinished Pine Net 179.95

A true book-shelf speaker offering outstanding smoothness and absence of coloration of program material. The S-3 is a three-way acoustic compliance system consisting of a specially designed, low resonance woofer, a mid-range unit and a wide dispersion super-tweeter, mounted in a matched enclosure. The unique high frequency design permits the full range to be clearly heard through most of the room, instead of being confined to a small critical space. Size: 23¾Hx11¾Wx9¾"D. Shpg. wt., 37 lbs.

GB-554WX Oiled Walnut Net 134.95

GB-555WX Mahogany Net 134.95

GB-557WX Unfinished Pine Net 119.95



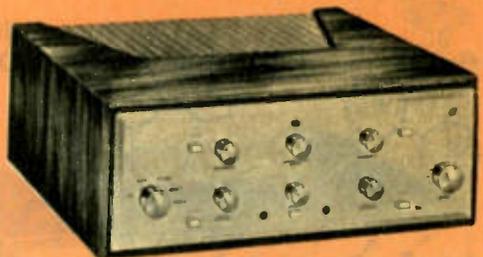
BROADCAST MONITOR SERIES

SCOTT BROADCAST MONITOR SERIES

The New Scott Broadcast Monitor Series will provide outstanding quality in sound reproduction from disc, tape or off-the-air recording. For the professional user, broadcast station, or discriminating audiophile this series represents the utmost in perfection. Every unit is given thorough tests, and an individually prepared performance report brochure comes with each tuner, preamplifier and amplifier.

MODEL 4100 STEREO MONITOR PREAMPLIFIER

This deluxe conservatively designed preamplifier offers every desirable operating feature and will provide years of matchless performance. Front Panel Controls: power on-off, volume, separate bass and treble, noise and rumble filters, input level, phase reverse, tape monitor, pickup selector, loudness compensation, center channel level, balance and stereo tape inputs-outputs. Frequency Response: ± 1 db 8-50,000 cps. Harmonic Distortion: under 0.2% @ 1,000 cps. Hum Level: -85 db @ full output. Input Sensitivities: tape head, 1.5 mv; mag. phono, 3.0 mv. Output: 2.5w. Uses oversized specially shielded potted power transformer. Makes an ideal amplification system when combined with the 4120 Monitor power amplifier. 11 tubes, 2 selenium rectifiers. For 105-125 volts, 50-60 cps AC. Size: 16 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx16 $\frac{1}{2}$ "D. Shpg. wt., 18 lbs.



4100

G-649WX With Performance Report

Net 350.00

MODEL 4120 BROADCAST MONITOR STEREO POWER AMPLIFIER

Very conservatively rated at dual 60 watts, the 4120 actually produces over 70 watts of clean power across the frequency range. Frequency Response: ± 1 db 4-65,000 cps with sub/supersonic filter out. Harmonic Distortion: under 0.2% @ 1,000 cps, under 0.5% @ 20 cps. IM Distortion: below 0.5% @ 65/65 watts. Hum & Noise: -90 db. 100% stability with resistive, capacitive, inductive loads or no load. Choice of 4 input sensitivities (0.5, 1.5, 2.5, 4 volts) to match virtually any preamplifier. A precision, American-made meter permits necessary adjustments when changing output tubes. Features gigantic specially shielded and potted power and output transformers. Has GR-type loudspeaker connections with switchable speaker matching system. 8 tubes and solid state rectification. For 105-125 volts, 50-60 cps AC. Size 16Wx7 $\frac{1}{2}$ Hx 12 $\frac{1}{4}$ "D. Shpg. wt., 62 lbs.



4120

G-730WX With Performance Report

Net 450.00

MODEL 4310 FM MULTIPLEX STEREO BROADCAST MONITOR TUNER

A special series of mechanical relays automatically select between stereophonic or monophonic reception on the basis of which one is providing a satisfactory minimum standard signal. This minimum can be adjusted by the use of a threshold control. Stereo diversity is provided, and can be controlled from front panel. Two VU meters provide exact monitoring of each channel's output giving an indication of exact channel matching. Useable Sensitivity: 1.9 μ v. Signal-to Noise Ratio: 60 db. Drift: 0.02%. Frequency Response: ± 1 db 30-15,000 cps. Captive Ratio: 2.2 db. Selectivity: better than 50 db. Audio Hum: -66 db @ 1 volt output. Detector Band Width: 2.0 MC. 20 tubes, 5 diodes, 2 relays, 2 selenium rectifiers. For 105-125 volts, 50-60 cps AC. Size: 16 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx16 $\frac{1}{2}$ "D. Shpg. wt., 28 lbs.



4310

G-731WX With Performance Report

Net 475.00

ENCLOSURES FOR BROADCAST MONITOR SERIES

MODEL G Metal Enclosure for 4100 and 4310

G-637W Shpg. wt., 6 lbs.

MODEL GWW Walnut Enclosure for 4100 and 4310

G-639W Shpg. wt., 8 lbs.

Net 17.95

Net 29.95



STEREO & MONO COMPONENTS

MODEL 351A ALL-TRANSISTOR 50-WATT POWER AMPLIFIER

NEW MODEL 708A "ASTRO" STEREO FM-AM TUNER/AMPLIFIER

MODEL 353A STEREO AMPLIFIER-PREAMPLIFIER



708A



353A

The 351A is a 50-watt solid state transistorized amplifier with virtually perfect performance. It has many distinct advantages including: small size, light weight, less power consumption and less heat generation than comparable vacuum tube type amplifiers. It is ideal for Mono, Stereo, Third Channel or Hi-Fi music distribution use. The 351A contains an output transformer that has provisions for 8 and 16 ohm connections plus an isolated 70-volt line winding (for multi-speaker distribution). The 4 ohm connection provided is the direct output of the amplifier. Frequency Response: ± 1 db 20-20,000 cps. Input Impedance: 50K ohm Pot. Source Impedance: 150 and 600 ohms. Damping Factor: 7.5 on low impedance tap. Noise Level: -90 db @ full output. Transistors: 1-2N381, 1-2N377, 1-SYL 2834, 6-B1272. For 105-128 volts, 50-60 cps AC operation. Size: 9 $\frac{7}{8}$ Wx4 $\frac{3}{8}$ Hx8 $\frac{1}{4}$ "D. Shpg. wt., 17 lbs.

G-553WX

Net 234.00

"Ahead-of-its-Time" is the best description of the New 708A "Astro". Five integrated stereo components are packaged in a compact cabinet: FM, FM Multiplex, AM, Dual-Channel Preamps, Dual-Channel Power Amps. Because it runs cool, the "Astro" is the first practical unit for built-in installations. Transistors are combined with new frame grid tubes to gain the best qualities of each. Has a unique professional-type tape recording monitor which permits two-way monitoring during recording. SPECIFICATIONS: (FM) Usable Sensitivity, 2 μ v (1.2 μ v for 20 db quieting); Response, ± 1 db 20-20,000 cps; AFC with Switch Defeat; AGC; Tuning Eye Indicator; Signal Lamp Signal for Multiplex Stereo. (AM) 2.9 μ v Max. Sensitivity; Ferrite Antenna; 10 KC Whistle Filter; 65 db Image Rejection; 50 db IF Rejection. (AUDIO) IHFM Power Output: 55 watts, 27.5 watts per channel; Harmonic Distortion, less than 1% @ 20 watts; Frequency Response, ± 1 db 20-20,000 cps @ 1 watt; Noise Level @ 20 watts, Tape Mach. -84 db. Tape Head -55 db. Phono -70 db; Load Impedances, 8 and 16 ohms. Uses 12 Transistors, 5 Diodes and 18 Tubes. For 120 volts, 60 cps AC. Comes in metal cabinet with Platinum Gold Panel. Size: 15Wx5 $\frac{3}{4}$ Hx14 $\frac{1}{4}$ "D. Shpg. wt., 40 lbs.

G-554WX

Net 597.00

The 353A will furnish 50 watts continuous power output (25 watts each channel). Features include matricing network for three channel stereo, auxiliary speaker connections for stereo or monaural programs, recorder outputs independent of gain and tone controls and dual mike inputs for stereo recording. Includes 14 separate inputs - magnetic and ceramic phono, tape head, tape machine, radio, microphone and multiplex. Six outputs including left, center and right channel outputs, recorder outputs plus auxiliary speaker output. Controls are provided for: Input selector, channel balance, dual gain, dual bass and treble controls for each channel, rumble filter and loudness control switch. Two AC outlets controlled by power switch. Frequency Response: ± 1 db 20-20,000 cps at 25 watts. Less than 1% total harmonic distortion at 25 watts. 1000 cps each channel. Outputs 8 and 16 ohms. Four 6L6GC output tubes and five 12AX7 tubes in the preamplifier and driver stages. Input Impedance: Phono, tape machine, microphone: 47,000 ohms. Radio, tape machine, multiplex: 100,000 ohms. Attractive, Platinum Gold front panel. Size: 5 $\frac{7}{8}$ Wx15 $\frac{1}{4}$ "D. Supplied with cabinet. For 117 volts 60 cycles AC. Shpg. wt., 35 lbs.

G-550WX

Net 225.00

S-3000 II FM MULTIPLEX TUNER



The complexity of the FM multiplex signal places new demands upon receiver circuitry. The S-3000 II features many innovations in multiplex circuitry to receive and separate stereo multiplex into two signals with the fidelity of regular monaural FM signals. The front end of this tuner boasts high sensitivity and wideband selectivity. A special phase-locked synchronous oscillator is employed to reinsert the multiplex subcarrier. IF amplifiers, limiters, and discriminator have controlled frequency and phase response — essentially flat to 75Kc. The result is maximum separation along with minimum distortion. The 19Kc pilot carrier and 67Kc secondary sub-channel transmissions are filtered out by razor sharp networks. Also featured are: FM Interchannel hush; smooth, balanced flywheel tuning knob; "acro-beam" retuning eye and a 7" expanded FM dial scale. Response 20-15,000 cps \pm 0.5 db. OTHER SPECIFICATIONS: Typical sensitivity 0.95 uv, 20 db quieting; IHFM sensitivity 1.8 uv; selectivity 225 Kc @ -3db; FM discriminator 850 Kc peak to peak. Contains 12 tubes plus silicon rectifier. Size: 4x14x10 1/2". For operation from 110-120V. 50-60 cycle AC. Shpg. wt., 15 lbs.

G-303WX Less Enclosure Net 160.00
 Model S3000IIS — FM Tuner. Shpg. wt., 16 lbs.
 G-295WX No Money Down Net 110.50

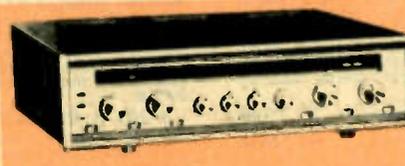
NEW S-2100 FM-MX-AM STEREO LITE TUNER



Features high sensitivity and low distortion FM/AM circuitry plus stereo-lite to identify FM stereo-casting. Specifications include: FM sensitivity 0.95 uv for 20 db quieting; selectivity — 220 KC @ -3 db, 1 MC p-p FM detector. AFC, Interchannel hush, wide-narrow AM selectivity and tuning eye. For 110-120V 50-60 cps. 12 tubes plus 7 diodes plus rectifier. Size: 14Wx4Hx12 1/2"D. Shpg. wt., 24 lbs.

G-309WX No Money Down Net 199.50

NEW S-8000 IIS FM-MX STEREO-LITE 64 WATT RECEIVER



Combining the performance capabilities of a separate sherwood tuner and amplifier. Features stereo-lite to identify FM stereo casts. Also includes 1 MC FM ratio detector, Novar output tubes, AFC and interchannel hush. 9 Inputs. Less than 1/2% IM distortion on FM. Freq. Response 20 cps—20 KC \pm 1/2 db. High and low filters. Stereo separation. 40 db, 150 cps to 10 KC. 32 watts music power each channel. 21 tubes, 2 silicon rectifiers, 6 diodes. Power: 225W, 115-125V, 60 cps, fused. Size: 16 1/2x14x4 1/2"H. Shpg. wt., 34 lbs.

G-530WX No Money Down Net 309.80

NEW SL-1 FM STEREO-LITE



Compact, mounts next to any tuner. Gives identification to FM stations broadcasting stereo. Not sensitive to random noise impulses. Only one hole 3/4" in. dia. need be cut for custom panel installations. Uses 6C10 compactron, 2 diodes and silicon rectifier. Two paralleled jacks for FM tuner input and MX adapter output. Neon light indicator. For 115-125V 50-60 cps. Size: 2 1/2x2 1/4x7 1/2"D. Includes walnut-tone case. Shpg. wt., 2 1/2 lbs.

G-308 No Money Down Net 29.50



S-5500 II 64 WATT STEREO AMPLIFIER

A fine dual-32 watt stereo amplifier that fits the power requirements for most home music systems. Features highly versatile dual loudness, bass and treble controls: one knob simultaneously varies both channels, yet individual control may be obtained by pulling out the knob. Other controls include scratch and rumble filters, stereo normal/reverse switch, phase invert switch, tape-monitor switch and mode indicator lights. The use of DC filaments eliminates hum originating from filament supply. A special phasing system is employed when playing monaural records with stereo cartridges to balance out vertical (rumble and noise) pickup. 8 high level and 4 low-level inputs are provided for maximum flexibility. OTHER SPECIFICATIONS: POWER: 32 watts each channel, 64 watts on monaural. RESPONSE: 20-20,000 cps \pm 1/2 db at full power. NOISE: -80 db (-60 db for phono). OUTPUTS: dual 4, 8, 16 ohms, dual cathode followers for tape recorder. TUBE COMPLEMENT: 4-7591, 5-12AX7, 2-silicon rectifiers. POWER REQUIREMENTS: 110-120 volts AC, 50-60 cycles. SIZE: 14x14 1/4x4". Shpg. wt., 22 lbs.

G-304WX Less Case Net 164.50



S-5000 II 72 WATT STEREO AMPLIFIER

Featuring the same circuits and controls of the highly-rated S-5000, this improved amplifier now provides adequate power to drive any of the popular low-efficiency speakers. Features dual loudness, bass and treble controls; one knob varies both channels simultaneously — yet, pull out on the knob, and you can vary each channel independent of the other! Other features include 12 db/octave scratch and rumble switch, 1.8 mv phono sensitivity, DC filaments and indicator lights to indicate mode of operation used. For playing monaural records with stereo cartridges, an ingenious phasing system balances out all vertical (rumble and noise) pickup! SPECIFICATIONS: POWER: 36 watts each channel. 72 watts on monaural. RESPONSE: 20-20,000 cps \pm 1/2 db at full power. INPUTS: Phono (RIAA), tape head (NARTB), 6 high level. NOISE: -80 db (-60 db for phono). OUTPUTS: Dual 4, 8, 16 ohms, dual cathode followers for tape recorder. 12 Tubes: 4-7591, 6-12AX7, 2-silicon rectifiers. POWER CONSUMPTION: 30 watts, 110-120 volts AC, 50-60 cycles. 14x14 1/4x4". Shpg. wt., 30 lbs.

G-298WX Less Case Net 199.50



S3MX SELF-POWERED MULTIPLEX ADAPTER

Designed for use with many FM tuners—having either high or low multiplex signal output. For best performance a wideband FM tuner should be used with the S3MX. Unique features are 67 KC and hiss filters. Subcarrier sensitivity .01 to 2 volts. Audio output 2V @ 1/2% distortion. Power switch disconnects adapter in "off" position. 4 tubes plus rectifier. Size: 5 1/2x10 1/2x4". For 110/120 VAC. Shpg. wt., 8 lbs.

G-301 Less Case Net 69.50

Model A3MX similar to S3MX but less power supply, designed specifically for use within the chassis of Sherwood S-2200 and S-3000III 2 tubes. Shpg. wt., 5 lbs.

G-302 Not Illustrated Net 49.90

S-1000 II 36 WATT AMPLIFIER (NOT ILLUSTRATED)

A versatile combination amplifier and control center. Low Distortion. 8 tubes, rumble and scratch filters. Size: 14x10 1/2x4". Less cabinet. Shpg. wt., 24 lbs.

G-267WX Less Case Net 109.50

SHERWOOD RAVINIA

- 3 Speakers • 1" Thick Cabinet Sides



SPEAKER SYSTEMS

Specialty developed 3-way speaker system with exceptionally low distortion. Uses 12" woofer, 8" midrange and 3" tweeter with a 600 cycle crossover network to reproduce 15 cps to 17,500 cycles with absolute clarity. Designed for either horizontal or vertical placement with optional walnut legs. Drive requirements 10 watts. Power handling capacity 50 watts. Size: 15x26 1/4x13 1/2"D.

SR 3W Walnut Finish. Shpg. wt., 55 lbs.

GB-540WX Net 139.50

SR 3B Birch. Shpg. wt., 55 lbs.

GB-541WX Net 129.50

SR 3U Fir Utility. Shpg. wt., 48 lbs.

GB-542WX Net 119.50

Model RL Walnut legs for Ravinia Speaker System.

GB-543W Shpg. wt., 3 lbs. Net 19.95

ENCLOSURES FOR SHERWOOD COMPONENTS

Standard Brown Flextone Cases For Models S-3000III, S-3000II, S-1000II.

G-289W Shpg. wt., 6 lbs. Net 7.50

Standard Black Flextone Cases for Models S-3000III, S-3000II, S-1000II.

G-290W Shpg. wt., 6 lbs. Net 7.50

Brown Flextone Cases for Models S-5000, S-5500II, S-2100.

G-283W Shpg. wt., 8 lbs. Net 7.50

Black Flextone Cases for Models S-5000, S-5500II, S-2100.

G-284W Shpg. wt., 8 lbs. Net 7.50

Brown leatherette case for S-8000IIS.

G-298W Shpg. wt., 10 lbs. Net 7.50

Brown Flextone Case for S3MX.

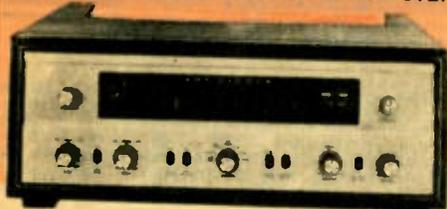
G-306W Shpg. wt., 4 lbs. Net 5.00

Black Flextone Case for S3MX.

G-309W Shpg. wt., 4 lbs. Net 5.00

FISHER SUPERB COMPONENT HIGH FIDELITY

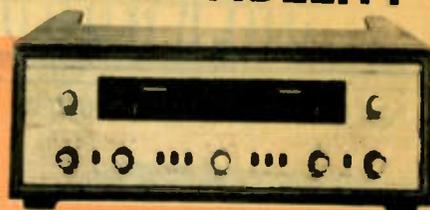
500-B 65-WATT FM-MULTIPLEX STEREO RECEIVER



35950

42950

EASY PAY PLAN SEE PAGE 381



800-B

800-B 65-WATT FM-AM MULTIPLEX STEREO RECEIVER

Complete receiver in a single unit with a 65-watt dual amplifier, separate AM and FM multiplex tuner and a flexible dual preamplifier. Features 24 switches and controls for maximum ease of operation, wide-band circuitry in the FM multiplex tuner, exclusive "Stereo Beam" tuning and high sensitivity AM reception. SPECIFICATIONS: Amplifier distortion 0.5% harmonic; Amplifier response ± 1.5 db 25-25,000 cps, FM sensitivity 0.9 μ v for 20 db quieting, IHFM 2.5 μ v. 1.5 db harmonic distortion 0.5% @ 75 kc deviation, 400 cps; FM IF bandwidth 180 Kc; AM sensitivity 5 μ v for 2-watt output; Tubes: 3-ECC85, 1-6AU6, 1-6BA6, 1-6BE6, 6-6E07, 4-12AX7, 2-7591, 2-EM84A. Advanced multiplex circuitry provides 52 db channel selectivity. Requires 105-120 V AC. Size: 17 $\frac{1}{2}$ "Wx5 $\frac{3}{4}$ "Hx13 $\frac{1}{4}$ "D.

G-403WX Less cabinet. Shpg. wt., 38 lbs. Net 429.50
G-404W Oiled Walnut Cabinet for 800-B, wt., 6 lbs. Net 24.95

Has 18 controls and switches for flexible control of its wideband FM multiplex tuner, dual channel preamplifier and dual channel 65-watt power amplifier. Front panel controls: FM tuning; MPX filter, dual volume, dual bass, dual treble, high filter, low filter, tape monitor, dual selector, mono-stereo, channel reverse, balance, loudness. FM circuit has 4 IF stages, advanced multiplex design, special switchable noise filter and "Stereo Beam" tuning indicator. SPECIFICATIONS: Amplifier distortion less than 0.5%. Frequency response 25-25,000 cps ± 1.5 db; FM sensitivity 0.7 μ v into 72 ohm load; IHFM sensitivity 2.2 μ v. S/N & hum 70 db; IF bandwidth 190 Kc; channel selectivity 52 db; FM response 30-15,000 cps; Tubes: 4-ECC85, 6-6AU6, 4-12AX7, 2-7591, 2-EM84A, 1N-542, plus special multiplex tubes. Size: 17 $\frac{1}{2}$ "Wx5 $\frac{3}{4}$ "Hx13 $\frac{1}{4}$ "D.

G-403WX Less cabinet. Shpg. wt., 35 lbs. Net 359.50
FISHER 30-UW Oiled Walnut Cabinet for 500-B. Net 24.95
G-404W Shpg. wt., 6 lbs.



24950

EASY BUDGET PLAN SEE PAGE 381



X-202-B

19950

FOR BUDGET TERMS SEE PAGE 381

X-101-C

X-202-B 80-WATT STEREO MASTER CONTROL-AMPLIFIER

Features exclusive Fisher tape monitor + playback with internal switching; 20 professional front panel controls; 16 inputs and 10 outputs (3 speaker outputs). Facilities for center channel speaker (no amplifier required for 3rd channel), "SpaceXpander", remote control and earphone connection. Steep high and low filters plus built-in subsonic filter cut noise. SPECIFICATIONS: Music power 80 watts total; distortion 1/2% harmonic, 1% intermod. at 70 watts RMS; Response (at 1 watt) 20-20,000 cps ± 1 db; Hum & noise -66 db (low level) -80 db (high level); damping factor 10. 12 tubes plus 4 diodes. Silicon main rectifier and silicon filament supply rectifier. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{2}$ "Hx12 $\frac{1}{2}$ "D.

G-401WX Less cabinet. Shpg. wt., 30 lbs. Net 249.50
G-109W MC-2 Metal Cabinet, wt., 9 lbs. Net 15.95
G-101W 10-UW Oiled Walnut Wood Cabinet, wt., 6 lbs. Net 24.95

X-101-C 60-WATT STEREO PHONIC MASTER-CONTROL AMPLIFIER

Features the exclusive "New Look," by Fisher, an elegantly styled functional operational panel. Only the Program Selector, Mode Selector and Volume control are in view. The other infrequently used controls are hidden behind a pull-down panel. Offers 30 watts of music power output per channel, center channel output, 14 inputs (2 phono), output selector switch, front panel phone jack, loudness control, jack for "SpaceXpander." 10 tubes, 2 silicon rectifiers. Response 20-20,000 cps ± 1 db. Hum and noise -63 db. Distortion 0.5% harmonic. 1.0% intermod. @ rated power. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{2}$ "Hx12 $\frac{1}{2}$ "D.

G-671WX Less Cabinet. Shpg. wt., 28 lbs. Net 199.50
G-109W MC-2 Metal cabinet, wt., 9 lbs. Net 15.95
G-101W 10-UW Oiled Walnut wood cabinet, wt., 6 lbs. Net 24.95

X-101W 40-WATT STEREO MASTER CONTROL-AMPLIFIER

G-672WX Shpg. wt., 25 lbs. Net 169.50

STEREO FM MULTIPLEX TUNERS



29950

BUY ON TIME SEE PAGE 381

R-200

R-200 FM-AM STEREO MULTIPLEX TUNER

The new R-200 tuner features the exclusive Stereo Beacon which instantly indicates when Mono or Stereo is broadcasting and automatically switches to the proper mode. FM sensitivity is 1.8 μ v (IHFM) for 20 db quieting. FM circuit has 5 IF stages with 4 limiters. Stereo separation is better than 35 db at 1 KC. FM harmonic distortion is less than 0.4%. AM sensitivity is 3.5 μ v. AM circuit has 1 tuned RF stage, 2 IF stages, 10 KC whistle filter and three-position bandwidth. Controls: Tuning, Stereo Filter, Selector, Muting, AM Bandwidth, FM Antenna, Stereo Beacon, AM-FM Indicator and Tuning Meter. 15 tubes, 15 diodes and 1 selenium bridge-type rectifier. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{2}$ "Hx12 $\frac{1}{2}$ "D. Shpg. wt., 20 lbs.

G-706WX Less Cabinet Net 299.50
G-109W MC-2 Metal Cabinet, wt., 9 lbs. Net 15.95



24950

UP TO 24 MONTHS TO PAY SEE PAGE 381

FM-100-B

FM-100-B FM MULTIPLEX WIDE-BAND TUNER

An ultra-sensitive wide-band tuner with advanced Multiplex circuitry. For reception of the weakest signals the FM-100B employs a Golden Cascade RF, 5 IF's and 4 limiter stages. "Stereo-Beam" tuning indicator shows when Stereo Multiplex is being received. Specially filtered dual outputs are available for tape recording without heterodyne interference between multiplex carrier and tape bias. To minimize noise a sub-channel noise filter and an IF muting circuit are provided. Local-distant switch prevents cross-modulation due to overload. Dual rear panel output level controls. SPECIFICATIONS: Sensitivity 0.6 μ v, 20 db quieting and 1.8 μ v IHFM standard; response 20-15,000 cps ± 1 db; IF bandwidth 190 Kc @ -6 db; ratio detector 1 MC wide; signal/hum & noise-70 db. Spurious rejection 96 db; Harmonic Distortion less than 0.5% (75 KC mod. @ 400 cps); Alternate Channel Selectivity 60 db; Capture Ratio 2.2 db, Drift 0.02%. 12 tubes, 13 diodes, Selenium bridge rectifier. For 105-120 V AC @ 56 watts. Size 15 $\frac{1}{2}$ "Wx4 $\frac{1}{2}$ "Hx13"D.

G-665WX Less cabinet Shpg. wt., 22 lbs. Net 249.50
G-406WX FM-50B Stereo FM Mpx. Tuner. Shpg. wt., 16 lbs. (Not Illus.) Net 199.50
G-109W MC-2 Metal Cabinet, wt., 9 lbs. Net 15.95



29950

EASY BUDGET PLAN SEE PAGE 381

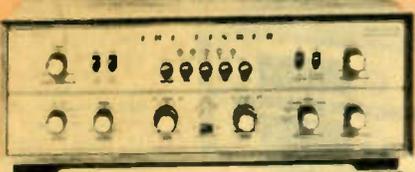
FM-200-B

FM-200-B FM STEREO MULTIPLEX TUNER

Typical Fisher quality is reflected in this excellent FM tuner. Now with FM Stereo Multiplex and famous Fisher Stereo Beacon. An automatically operated AFC enables absolutely precise tuning. Six IF stages, sensitive Golden Cascade front end, five wideband limiters provide a 20-20,000 cps frequency response $\pm 1/2$ db with a 1.0 db capture ratio. 0.5 microvolt sensitivity. Electronic Switch muting effectively provides interstation noise suppression. 11 tubes, 5 diodes, an AFC Varicap diode and selenium rectifier, plus multiplex tubes. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{2}$ "Hx13"D. For 105-125 V, 50/60 cycles AC.

G-407WX Shpg. wt., 22 lbs. Net 299.50
MC-2 Metal Cabinet in Simulated Leather. Net 15.95
G-109W Shpg. wt., 9 lbs. Net 15.95
10-UW Custom Wood Cabinet, Oiled Walnut. Net 24.95
G-101W Shpg. wt., 6 lbs.

FISHER DELUXE AUDIO COMPONENTS marantz

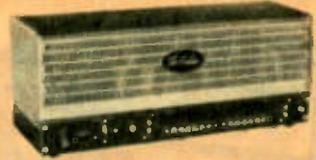


19950

BUY ON TIME
SEE PAGE 381

19950

FOR BUDGET TERMS
SEE PAGE 381



SA-300-B 90-WATT STEREO AMPLIFIER

400-CX STEREOPHONIC MASTER AUDIO CONTROL
Famous Fisher Audio control center now with 28 controls, 18 inputs and exclusive new full range stereo dimension control. Professional type push-button program selector, with provisions for remote control and "Space Expander". Has record-monitor facilities, channel indicator lights and separate bass and treble controls for each channel. Also features equalization curve for 3 1/4 ips tape decks and additional outputs independent of center channel control. Has center channel for 3 channel stereo. Frequency response: 20-20,000 cps \pm 0.5 db. Harmonic distortion: less than 0.04% at 400 cps for 2 volts output. Hum and noise: 80 db below rated output. Architectural brass front panel. Channel separation 60 db. 10 tubes. For 105-120 volts 50-60 cps. Size: 15 1/4" W x 4 1/4" H x 11 1/2" D. Shpg. wt., 18 lbs.
G-117WX (less cabinet) Net 199.50
G-119W MC-2 Metal Cabinet. Shpg. wt., 9 lbs. Net 15.95
G-101W 10-UW Oiled Walnut Wood Cabinet. Shpg. wt., 6 lbs. Net 24.95

Two 45-watt laboratory quality basic amplifiers integrated into one unit for stereo. Frequency Response \pm .5db at 20 to 20,000 cps. Hum and Noise is more than 100db below rated output. Harmonic Distortion is less than 0.1% at full rated output. Inter-modulation distortion is less than 0.35% by SMPTE American Standards. Only 0.8 volts input is required at 1000 cycles for rated output in each channel. Input impedance approximately 160,000 ohms. 4, 8, 15 ohm speaker impedance terminals. Controls consist of Input Level, AC Balance, DC Balance and Hum Balance controls in each channel; Balance Adjust switch and Bias Control Operates on 105-120 volts, 50-60 cycles AC. Size: 16 1/4" W x 6 1/4" H x 7 1/4" D. Shpg. wt., 36 lbs.

G-123WX Net 199.50
Model SA-100. Similar to SA-300-d, but delivers up to 25 watts music power for each channel. Not illus. Shpg. wt., 27 lbs. Net 119.50
G-107WX Net 119.50

STUDIO STANDARD SERIES

X-1000 STEREO MASTER CONTROL AMPLIFIER

Professional quality master control center and amplifier offering a high powered 110-watt stereo amplifier and an audio control system in one compact installation. Features tape monitor enabling full use of controls during playback with record monitoring, third channel speaker output (eliminating the need for a third channel amplifier). Stereo dimension control, center channel tape recorder output, control and jack for "SpaceXpander." Amplifier uses 4-EL34's to obtain a 110-watt music power output rating with 0.5% harmonic distortion, 0.8% intermod. distortion at 100 watts continuous power. Response: 20-20,000 cps \pm 1/2 db. Hum and noise - 90 db. Damping factor 16.5, 14 tubes and 7 diodes. 18 inputs, 11 outputs (including earphone output). Size 16 1/4" W x 4 1/4" H x 13 3/4" D.

G-408WX Less Cabinet. Shpg. wt., 55 lbs. Net 339.50
G-409W Oiled Walnut Cabinet for X-1000 Net 24.95
FM-1000-R Network Relay FM-Multiplex Tuner with "Stereo Beacon". Not illus. Net 429.50
G-673WX Shpg. wt., 30 lbs. Net 429.50

UNIVERSAL MPX-100 STEREO MULTIPLEX ADAPTER

Self-contained, self-powered and designed to bring FMM approved multiplex reception to all Fisher tuners and receivers containing a multiplex output. Equipped with a special "Stereo Beacon" circuit, which automatically signals station when broadcast in stereo. A standby position allows listening to mono FM program, at the same time enabling the "Stereo Beacon" to function. Supplied with 3 cables. Size: 4 7/8" W x 4 7/8" H x 12" D.

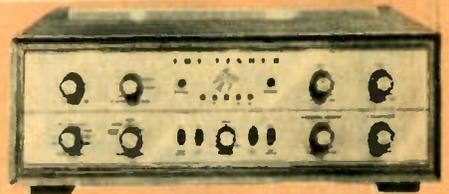
G-118WX Less cabinet. Shpg. wt., 9 lbs. Net 119.50
400-UW Oiled Walnut Cabinet for MPX-100. Net 14.95
G-674W Shpg. wt., 2 lbs. Net 14.95
Model MPX-200. Same as MPX-100, but for concealed mounting. Not illus. Net 79.50
G-689WX Shpg. wt., 3 1/2 lbs. Net 79.50

THE K-10 "SPACEEXPANDER"

Add Concert Hall realism to your listening area. Supplies the reverberation normally heard in an acoustically perfect concert hall. May be used with any mono or stereo home music system using separate pre-amplifiers or tape monitoring facilities. Connects to any signal from 0.2 to 5.0 volts. Simple to operate and easy to install. Tubes: 2-12AX7, 1-7247 plus a Selenium rectifier. Size: 9 1/2" L x 1 1/2" W x 6 7/8" H.

G-129 Shpg. wt., 8 lbs. Net 69.50

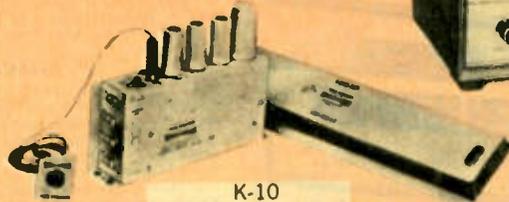
X-1000
100 WATT
STEREO
AMPLIFIER



MPX-100
STEREO FM
MULTIPLEX
ADAPTER



K-10
SPACE EXPANDER



marantz PROFESSIONAL EQUIPMENT

MODEL 7C STEREO CONSOLE PREAMPLIFIER



This new self-powered stereo preamplifier combines Marantz's remarkable quality construction with complete versatility and ease of operation. Front Panel Controls feature: 8-pos. Selector (Mic, Phono 1, Phono 2, Tape-head, FM-AM, FM Multiplex, TV, Auxiliary, 5-pos. Mode (Stereo, Stereo Reverse, Ch A, Ch B, Ch A+B), Volume, Balance, 4-Independent Base and Treble Tone Controls, Record Equalizer, Tape Playback on Monitor, High Filter, Rumble Filter and Power Switch. Rear Controls feature: Output Level-sets, 3 Pairs of Outputs, Tape-head Equalizer Adjustments, 9 Pairs of Inputs, 6 AC Convenience Outlets and System Grounding Point. Frequency Response: 1/2 db 20-20,000 cps. IM Distortion: 0.1%. Total Noise: In 20-20,000 cps audio range, 80 db below 10 mv phono input with R1AA curve. Tubes: 6-ECC83/12AX7. Dimensions: 14 3/4" W x 5 1/2" H x 8 1/4" D. Panel 15 3/4" W x 5 3/4" H. For 110-120v. 50-60 cycle AC. Shpg. wt., 16 lbs.
G-251WX Marantz Model 7C-Less Cabinet Net 264.00
WOOD CABINET FOR ABOVE: Specify Mahogany, Oiled Walnut. Shpg. wt., 4 lbs. Net 24.00
G-253W Net 24.00

MODEL 8B DUAL 35-WATT STEREOPHONIC POWER AMPLIFIER



Professional in every respect, the Model 8B Stereo Amplifier furnishes performance and workmanship found in high quality Broadcast or Laboratory equipment. Built-in Bias Meter. Power Output is 35 Watts per channel (70 watts peak). Response: 0.1 db from 20-20,000 cps at 30-watts. Distortion: harmonic, less than 0.1%; I.M., less than 0.5%. Hum: -90 db Input Sensitivity 1.3 volts. Output Impedance: 4, 8, and 16 ohms. Tubes: 2-6BH6, 2-6CH7, 4-EL34/6CA7. Overall Size: 13 1/2" W x 7 1/4" H x 10 1/2" D. For 117 volts 60 cycles AC. Shpg. wt., 57 lbs. Net 264.00
G-259WX Marantz Model 8B Less Cabinet Net 264.00
Model 8G Gold Finish Perforated Snap-On Grille For Above. Net 9.00
G-257W Shpg. wt., 1 lb. Net 9.00
Model 9. Superb massive single channel 70-watt amplifier—exceptional stability & low distortion. 2-6DJ8/ECC88, 16CG7, 4-6CA7/EL34, 1 Zener Diode, 5 silicon rectifiers. 15 3/4" W x 8 1/4" H x 10 1/2" D.
G-260WX Not illus. Shpg. wt., 63 lbs. Net 324.00

MODEL 10 STEREO FM TUNER



The Marantz Model 10 Stereo FM Tuner offers a new concept in FM tuner design, introducing a unique new feature called a "Multipath (Ghost) Indicator" which simultaneously indicates correct tuning, field strength, deviation and multipath distortion. If alignment adjustments have been completely eliminated—tube changes and component aging cannot affect original IF characteristics. Built-in Multiplex section with automatic Stereo switchover and indicator light. Separate power supply. SPECIFICATIONS: Sensitivity, 2uv for 40 db quieting; 6 IF stages with 5 dynamic limiters; Harmonic Distortion, better than 0.5%; Alternate Channel Rejection, better than 90 db; 4-section tuning gang. Unusually high AM rejection. Size: 15 3/4" W x 5 3/4" H x 15" D. For 110-120 volts, 50-60 cps AC. Shpg. wt., 40 lbs. Net 555.00
G-261WX Less Cabinet Net 555.00
WOOD CABINET FOR ABOVE: Specify Mahogany, Oiled Walnut. Shpg. wt., 4 lbs. Net 24.00
G-253W Net 24.00

harman kardon**AWARD SERIES****TA-5000X 50-WATT AM/FM STEREO RECEIVER**

A complete stereo control center consisting of sensitive, distortion-free AM/FM Tuner with built-in FM multiplex facilities, 50-watt stereo amplifier (25-watts each channel) plus a versatile stereo pre-amplifier. All components have been engineered into a single compact unit only 13½ inches deep—small enough to place on a bookshelf. Audio Sec. Freq. Response: ± 1 db 12-70,000 cps at 1 watt. Peak power output 50 watts per channel, 100 watt monophonic, FM Section Sensitivity 0.9 uv for 20 db of quieting, 3.2 microvolts IHFM (usable sensitivity). The TA-5000X features a full range of controls for every stereo function including separate Bass and Treble controls for each channel plus Blend, Balance, Loudness and Function controls. Slide switches provide for Stereo Reverse, Equalization, Contour plus Hi-cut and Lo-cut filters. Front panel contains a Stereo Headphone Receptacle plus a front panel tuning meter allows precise visual tuning. Size: 16Wx10½Hx13½"D. Shpg. wt., 40 lbs. Less enclosure. G-656WX

Net 299.95

TA-3000X 30-WATT AM-FM STEREO RECEIVER

A highly sensitive, distortion-free FM and FM stereo multiplex tuner; an AM tuner; a dual 15 watt stereo amplifier and a master control center—all on one compact chassis. TA-3000X features include: built-in multiplex, wide band Foster-Seely discriminator and gated beam limiter; illuminated push-button on/off switch; blend control to eliminate "hole-in-the-middle" effect; zero to infinity balance control; ganged bass and treble tone controls; stereo contour control and AFC switch to "lock-in" FM stations. Frequency response 15-70,000 cps. ± 1 db. Amp.: Hum level, 80 db below rated output. Excellent B+ regulation by silicon diode power supply. 8 stereo inputs; 2 stereo outputs. FM SECTION: Sensitivity 3.2 microvolts (IHFM) for 20 db of quieting. MPX frequency response: 15-15,000 cps ± 1 db. Hum level 60 db below 100% modulation. AM: selectivity 10 KC built-in ferrite loopstick antenna. Other: One switched AC receptacle. 17 Tubes, 8 diodes. Power consumption 145 watts. For 117 VAC. Dimensions: 15½W x 5¾H x 11½"D. Shpg. wt., 37 lbs. G-662WX Less Enclosure

Net 239.95

AWARD SERIES A300 30-WATT INTEGRATED STEREO AMPLIFIER

Smart looking, clean sounding addition to the Award Series—with many quality features. Special grain oriented high permeability output transformers are employed for wide response and excellent transient characteristics. At normal levels, frequency response is ± 1 db, 15-70,000 cps. This amplifier is capable of delivering 15 watts of music power/channel at less than 1% distortion. Control facilities include: Ganged bass and treble controls, variable a.e.r.t. loudness,

zero to infinity balance, dynamic contour controls, and rumble filter. Hum level is 80 db below rated output at minimum volume and 60 db below rated output with low level input. Tone controls add 10 db boost or attenuation at 10 KC and 12 db boost or attenuation at 50 cps. Pre-amplifier and voltage amplifier filaments are DC supplied. Tube complement: 4-7408, 4-12AX7, 1-12AU7 and 2 silicon rectifiers. Size: 15½x5¾x11½" deep. Brushed gold panel. Shpg. wt., 25 lbs. G-653WX Less Enclosure:

Net 99.95

AWARD SERIES A500 50-WATT INTEGRATED STEREO AMPLIFIER

Harman Kardon proudly announces its new Model A500 amplifier boasting a wide array of listener demanded features and conveniences. Located on the front panel are an "Ambiance" Control acting as a center (third) channel gain control and a stereo headphone receptacle—features new to the quality amplifier. Also available—blend indicator lights, illuminated push-button on/off switch, separate bass and treble controls, separate hi and lo-cut filters and stereo contour controls. The power

amplifier with its massive output transformers is rated at 25 watts/channel at less than 0.5% distortion. Frequency response at normal levels $\pm 1/2$ db, 12-35,000 cps. Minimum volume hum—85 db. Circuit employs 4-7355 output tubes, 1-12AU7, 4-12AX7. A total of 7 dual inputs. Size: 15½x5¾x12" deep. Brushed gold panel. Power requirements: 110-120 volts, 50-60 cycle A.C. Shpg. wt., 32 lbs. G-245WX Less Enclosure:

Net 159.95

AWARD SERIES T300X AM-FM STEREO MULTIPLEX TUNER

The T300X tuner offers high all-around performance on AM, FM and FM multiplex. Multiplex separator is on chassis along with advanced circuitry for the reception of undistorted multiplex signals. Circuit has grounded-grid RF, low noise triode mixer, 3 wideband pentode IF stages and a Gated Beam limiter. Controls: counterweighted tuning knob, on/off, AFC defeat, mode switch, selector and multiplex dimension control. AM SPECIFICATIONS: Terminal sensitivity 10 uv; selectivity

10 KC, —6 db; image rejection, —50 db; distortion 1% harmonic; response ± 2.5 db, 20-5,000 cps: FM SPECIFICATIONS: Sensitivity 3.2 uv IHFM; discriminator 1 MC, peak to peak; response ± 1 db 10-35,000 cps; multiplex crosstalk —40 db; distortion less than 0.1% at 100% modulation, 9 tubes. Size: 15½x5¾x11½" deep. Brushed gold finish. Requires 110-120 VAC @ 50 watts. Shpg. wt., 25 lbs. G-654WX Less Enclosure

Net 149.95

AWARD SERIES F-500X FM MULTIPLEX TUNER

Ready to receive and separate multiplex transmissions with the highest of fidelity. Built-in multiplex adapter reduces cross-talk to —40 db, total harmonic distortion to less than 1%. OTHER SPECIFICATIONS: Sensitivity 0.85 uv for 20 db quieting, 3 uv usable (IHFM); discriminator peak to peak separation 1 MC; image rejection 66 db, selectivity 240 kc, —6 db, frequency response (multiplex) 15-15,000 ± 1 db; output level at 100% modulation 1 volt; hum level —60 db. Tuning

knob flywheel counterweighted. When receiving normal FM frequency response is ± 1 db 10-52,000 cps. Extra wide band discriminator assures excellent capture ratio and unclipped multiplex output with minimal distortion. See F-500 (less mp.) for further circuit details. Special features: microbalance tuning meter and function selector indicator lights. Size: 15½ x 5¾ x 12" deep. Brushed gold panel. Shpg. wt., 22 lbs. G-249WX Less Enclosure

Net 169.95

NEW ALL-TRANSISTORIZED 1000 SERIES**A-1000T 50-WATT TRANSISTORIZED STEREO AMPLIFIER PREAMPLIFIER**

All-transistor design eliminates audio transformers with the achievement of outstanding performance. Specs: 25 watts per channel; freq. response, 1-250,000 cps $\pm 1/2$ db; Distortion, less than 0.5%; hum 90 db below rated output, 12 stereo inputs, 4 outputs, impedance 5-16 ohms. Power consumption 100 watts. For 117V 60 cycles AC. Size: 14½Wx3¾Hx8¾"D. Shpg. wt., 19 lbs. G-663WX No Money Down Net 249.95

F-1000T PROFESSIONAL FM STEREO MULTIPLEX TUNER

Ultra-wide band design. Uses new mesa alloy junction transistors for optimum selectivity; low noise Zener diode muting circuit cancels out hiss, 10:1 tuning accuracy. Automatic stereo indicator light; center of channel tuning indicator. SPECS: sensitivity — 2.8 microvolts IHFM, 1 MC ultra-linear discriminator; frequency response: 5-75,000 cps ± 0.75 db; Distortion — less than 0.1% at 100% modulation, S/N ratio 80 db. Size: 14½Wx3¾Hx8"D. Shpg. wt. 16 lbs. G-664WX No Money Down Net 209.95

OTHER HARMAN-KARDON COMPONENTS

Model F-500 FM Tuner — All the fine features of F-500X Less Multiplex circuitry. Plug in jack for Multiplex adapter provided on chassis. Shpg. wt, 22 lbs. G-246WX Less Enc. Net 129.95

H-K Multiplex Adapters

G-650 Model MX-700 Univ. type wt., 5 lbs. Net 59.95
G-651 Model MX-600 F/TA224, 230, 260 wt., 3 lbs. Net 49.95
G-652 Model MX-500 F/F-500 wt., 3 lbs. Net 39.95

ENCLOSURES FOR AWARD SERIES

Model WW50 Walnut Enclosure for A500, A300, F500, F500X, T300X. Shpg. wt., 5 lbs. G-247W Net 29.95

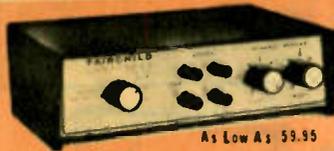
Model CX50 Metal Enclosure for A500, A300, F500, F500X, T300X. Shpg. wt., 2½ lbs. G-248W Net 12.95

Model WW80 Walnut Enclosure for TA3000X and TA5000X Shpg. wt., 5 lbs. G-658W Net 29.95

Model CX80 Metal Enclosure for TA3000X and TA5000X Shpg. wt., 4 lbs. G-657W Net 12.95



SELECTED HIGH FIDELITY COMPONENTS



As Low As \$9.95

FAIRCHILD COMPANDER

AUTOMATIC SENSING DEVICE

The Fairchild Compander is a deluxe automatic sensing device that allows recreation of original performance dynamics in existing playback equipment for discs, tape or FM. The Compander is not an amplifier. Therefore, it does not introduce distortion or require a 110 V AC power supply. The Compander is inserted between the output program source: pickup, tape unit, or FM and the input of preamp. or integrated amp. By deriving and analyzing a signal from the existing amplifier—the Compander automatically increases your amplifier gain to allow dynamic expansion of high level signals to compensate for the controls placed on the original recording. Now you don't have to operate your amplifier wide open. Surface noise, turntable and system noises are minimized. Right or left information is displayed giving insight into original studio mike placement. Dynamically expands signals—increases separation effects of signal. Also can be used as signal compressor for background music control. Specifications: Input Imp. 47 K ohms both channels. Output Imp. 47 K ohms. Control circuit Imp. 4-16 ohms; Min. Control Circuit volt. .25V AC. Expansion 8 db max/channel. Compression 20 db max. channel. Distortion—none. Freq. Response—Flat through entire audio range. AC Power Requirements—none. Dim.: 8 $\frac{1}{4}$ x 5 x 2 $\frac{1}{4}$ ".

G-676WX Compander Kit Shpg. wt., 6 lbs. Net 59.95
G-675WX Compander Factory Wired and Assembled Net 75.00

NEW KORDEXTM FM-AM TUNER



47⁵⁰
NO MONEY DOWN

EASY PAY PLAN SEE PAGE 381

• SUPERIOR QUALITY AND VALUE

Receive FM and AM broadcasts with this "Best Value" tuner. Outstanding performance and value. Equipped with a multiplex output jack that will allow you to add multiplex later at your convenience with one of Lafayette's kit or factory wired low cost multiplex adaptors. Front panel controls include: Selector Switch for OFF, FM and FM AFC positions plus flywheel tuning control for velvet smooth tuning. For 110-120V 60 cycle AC operation. Finished in attractive brushed brass with matching ebony enclosure. Size: 13Wx4 $\frac{1}{2}$ Hx9"D. Net 47.90
G-941WX Shpg. wt., 10 lbs.

FM MULTIPLEX ADAPTOR MODEL MA-2G



- Provides Two Stereo Channels When Used With Properly Equipped G.E. FM Tuners
- Completely Self-Contained and Self-Powered
- Flat Frequency Response From 50 to 15,000 Cycles

The MA-2G is designed to operate in conjunction with all FM tuners having a multiplex output jack. Provides two stereo audio channels which may be connected to the inputs of a stereo amplifying system. Completely self-contained and self-powered. No wiring changes required—Just connect output of adaptor to separate inputs of stereo amplifier, then stereo amplification is achieved the same way as with any other stereo program source. Frequency response of the adaptor is \pm 3db from 50 to 15,000 cycles. Input impedance, 2 megohms (and 50 μ F); Input level 1-1.5 volts RMS. Crosstalk 20 db down at 1,000 cycles, hum and noise down 60 db. The entire unit exhibits a gain of unity \pm 3 db. Mounting base is 10Lx2 $\frac{1}{4}$ "W, with mounting holes spaced 2 $\frac{1}{4}$ ". Clearance of 3" required for tubes and capacitor. Shpg. wt., 3 lbs. Net 39.15
G-336

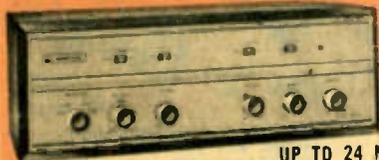
Bell FM-AM MULTIPLEX RECEIVER MODEL 2425S-1



- Built In Sentry Lite

Consists of a 30 watt stereo amplifier (15 watts each channel), a versatile stereo preamplifier, an AM-FM tuner with built in multiplex facilities—a complete stereo electronic center in one compact convenient unit that equips you to play every type of stereo program material. Controls include: Dual Bass and Treble, Balance, OFF-DN Volume, AM tuning, FM Tuning, Monaural-Stereo Selector and AFC, AFC defeat. SPECIFICATIONS: 15 watts each channel. Total 30 watts (IHF method) Frequency Response—20-20,000 CPS \pm 2db; Distortion: Less than 2% @ 1KC; Hum and Noise: 66db below 15-watts; FM Sensitivity 2.5 μ v for 30db quieting. Selectivity: 6db down @ 240KC. Image Rejection: 38db. AM Sensitivity 6 μ v for 20db signal-to-noise ratio. Selectivity: 6db bandwidth @ 8KC. Finished in Satin black and brushed aluminum with walnut grain vinyl steel enclosure. For 117V 60 cycle AC. Size: 17 $\frac{1}{2}$ Wx5 $\frac{1}{2}$ Hx13 $\frac{1}{2}$ "D. Shpg. wt., 30 lbs. Net 235.15
G-334WX

NEW BOGEN AP30 30-WATT STEREO AMPLIFIER



Only
99⁹⁵

NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 381

Music power output of 30 watts (15 watts per channel) IHFM. Frequency response: \pm 1 db., 20-20,000 cps. Audio sensitivity: 4.5mv (mag. & tape), 0.5v (tuner & aux.) Hum & noise: —55 db (low level), —70 db (high level). Distortion: 0.6% @ rated output. Controls: 4 pos. programming selector, volume, balance, bass, treble, blend, loudness, rumble filter, stereo reverse, power. 9 tubes. 4, 8, 16 ohms output impedances. Attractive gold panel. Size 15Wx4 $\frac{3}{4}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 16 lbs. Net 99.95
G-716WX Less Enclosure

NEW BOGEN AP250 50-WATT STEREO AMPLIFIER



Only
154⁹⁵

NO MONEY DOWN

EASY BUDGET PLAN SEE PAGE 381

Delivers 25 watts music power per channel, 50 watts combined (HFMM). Frequency response: 20-20,000 cycles, \pm 1 db. Distortion: 0.6% at rated output. Sensitivity: High level 4.5 μ v; low level 0.5v. Controls: 4 pos. prog. selector, 4 pos. mode, volume, balance, separate co-ax bass & treble, rumble filter, scratch filter, loudness, tape mon., blend, power. Has blend pos. indicator light. 10 tubes, plus 2 silicon & 1 selenium rect. 4, 8, 16 ohms output impedances. Attractive gold panel. Size: 15Wx4 $\frac{3}{4}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 20 lbs. Net 154.95
G-715WX Less Enclosure

NEW BOGEN MODEL RP60 50-WATT AM-FM MULTIPLEX RECEIVER



- Built-In Multiplex with "Stereo-Minder" Indicator
- Stereo Headphones Output
- Tuning Eye Indicator
- Output Impedance Selector

All in one music center—25/25 watt stereo amplifier—preamplifier, AM receiver, FM receiver and built-in time division type multiplex network with "Stereo-Minder" indicator. Front panel controls: 6 pos. prog. selector, 4 pos. mode, volume, balance, separate co-ax bass & treble, rumble filter, scratch filter, loudness, tape monitor, power, tuning, AFC, stereo filter. SPECIFICATIONS: FM sensitivity 0.85 μ v for 20 db quieting, 2.5 μ v IHFM usable; freq. resp. \pm 1 db 20-20,000 cps; distortion 0.6% at rated output. 20 tubes plus 8 crystal diodes and 7 rect. Size: 15 $\frac{1}{2}$ Wx5 $\frac{1}{4}$ Hx15"D. Shpg. wt., 35 lbs. Net 299.95
G-721WX Less Enclosure
Model RPF60 (not illus.) same as above but FM only. Shpg. wt., 34 lbs. Net 279.95
G-722WX Less Enclosure

NEW BOGEN TP250 FM STEREO TUNER



- Built-in FM Antenna
- External Connection for Balanced 300 Ohm or 75 Ohm Coax
- Low Impedance Output
- Tuning Eye Indicator

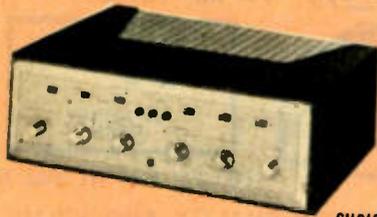
SPECIFICATIONS: Freq. resp. \pm 0.5 db 30-15,000 cps; Sensitivity, 0.85 μ v for 20 db quieting (IHFM 2.5 μ v); Distortion, 0.5%; Hum & Noise, —60 db. Built-in matrixing type multiplex network with "Stereo-Minder" indicator. 10 tubes plus 3 crystal diodes and 1 rectifier. Attractive gold panel. Size: 12 $\frac{1}{2}$ Wx4 $\frac{3}{4}$ Hx10"D. Shpg. wt., 16 lbs. Net 159.95
G-723WX Less Enclosure

ENCLOSURES FOR BOGEN HI-FI COMPONENTS

| | | | | |
|--------|------|----------------------------|--------|-------|
| G-717W | EN-7 | Metal Case for RPF60, RP60 | 6 lbs. | 12.95 |
| G-718W | EN-8 | Metal Case for TP250 | 6 lbs. | 11.95 |
| G-719W | EN-9 | Metal Case for AP250, AP30 | 6 lbs. | 11.95 |
| G-720W | WE-7 | Wal. Case for RP60, RPF60 | 7 lbs. | 27.95 |
| G-724W | WE-8 | Wal. Case for TP250 | 7 lbs. | 26.95 |
| G-725W | WE-9 | Wal. Case for AP250, AP30 | 7 lbs. | 26.95 |

SCOTT STEREO SYSTEMS

SCOTT 80-WATT STEREO PHONO SYSTEM

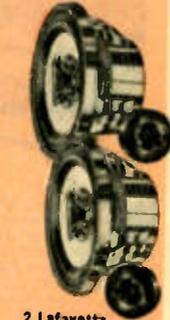


H. H. Scott
299C



Garrard
AT6
On Base

CHOICE OF
STEREO CARTRIDGE



2 Lafayette
SK-210 12"
3-Way Speakers

COMPONENTS

- Scott 299C 80-watt Stereo Amplifier (less case) 229.95
- Garrard AT 6 changer (less base) 54.50
- Base for AT 6 3.95
- Pickering U38/AT Stereo Cartridge with .7 mil Diamond Needle 46.50
- 2 Lafayette SK-210 3-way speakers @ 49.50 ea. 99.00
- Regular Catalog Price ~~438.90~~

Complete Scott 80-watt stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D stereo cartridge plus free accessories listed at the top of this page. Shpg. wt., 85 lbs.
HS-741WXM Net 341.50

LAFAYETTE SYSTEM PRICE
Plus FREE Accessories
34150
YOU SAVE 92.40

FREE with purchase of any system on this page popular ESL DUST BUG which automatically removes dirt and dust on each playing record, all cables and connectors, stylus pressure gauge, and 20 ft. of speaker hook-up cable.

LAFAYETTE
PRESSURE GAUGE
PK-223



DUST BUG
Reg. Price 4.75
PK-246

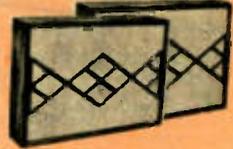


OPTIONAL COMPONENTS

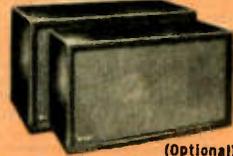


Garrard
Model "A"
On Base

2 Lafayette
SK-240 Thin
Line Systems



Glaser-Steers
GS-77T on Base



(Optional)
2 Lafayette Elliptoflex
Bookshelf Enclosures

OPTIONAL SYSTEMS

| System No. | Scott Amp. Changer | Cart. | Base | Speaker, Cab. or Speaker Sys. | Ship. Wt. | Net |
|------------|--------------------|--|------|--------------------------------|-----------|--------|
| HS-742WXM | 299C A | Choice of Pickering U38/AT or Empire 880 or Shure M3D Stereo Cartridge | ↑ | 2 ea. SK-210 only | 85 lbs. | 361.95 |
| HS-743WXM | 299C GS-77T | | | 2 ea. SK-210 only | 85 lbs. | 342.95 |
| HS-744WXM | 299C AT6 | | | 2 ea. SK-210 in Ellipto Flex†† | 129 lbs. | 398.50 |
| HS-745WXM | 299C A | | | 2 ea. SK-210 in Ellipto Flex†† | 129 lbs. | 419.50 |
| HS-746WXM | 299C GS-77T | | | 2 ea. SK-210 in Ellipto Flex†† | 129 lbs. | 399.95 |
| HS-747WXM | 299C AT6 | | | 2 ea. SK-240 thin Line Sys. # | 145 lbs. | 362.95 |
| HS-748WXM | 299C A | | | 2 ea. SK-240 thin Line Sys. # | 145 lbs. | 382.95 |
| HS-749WXM | 299C GS-77T | | | 2 ea. SK-240 thin Line Sys. # | 145 lbs. | 384.95 |

† Specify finish, Mahogany, Blonde or Walnut. †† Oil Walnut finish only. ††=Specify Walnut, Mahogany, Blonde or Oiled Walnut.

SCOTT 48-WATT STEREO PHONO SYSTEM



H. H. Scott
222C



Garrard
AT6
On Base

CHOICE OF
STEREO CARTRIDGE



2 Lafayette
SK-210 12"
3-Way Speakers

COMPONENTS

- Scott 222C 48-watt stereo amplifier (less case) 169.95
- Garrard AT 6 changer (less base) 54.50
- Base for AT 6 3.95
- Pickering U38/AT Stereo Cartridge with .7 mil Diamond Needle 46.50
- 2 Lafayette SK-210 3-way speakers @ 49.50 ea. 99.00
- Regular Catalog Price ~~373.90~~

Complete Scott 48-watt stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D Stereo cartridge plus free accessories listed at the top of this page. Shpg. wt., 83 lbs.
HS-686WXM Net 286.50

LAFAYETTE SYSTEM PRICE
Plus FREE Accessories
28650
YOU SAVE 87.40

SCOTT 80-WATT STEREO PHONO SYSTEM



Garrard
Model "A"
On Base

CHOICE OF
STEREO CARTRIDGE



2 Lafayette
SK-210 12"
3-Way Speakers

COMPONENTS

- Scott 340 80-watt FM Tuner/Amplifier (less case) 389.95
- Garrard A changer (less base) 79.50
- Base for Garrard A 3.90
- Pickering U38/AT stereo cartridge with .7 mil diamond needle 46.50
- 2 Lafayette SK-210 3-way speakers @ 49.50 ea. 99.00
- Regular Catalog Price ~~648.85~~

Complete Scott 80-watt Stereo FM phono system with your choice of Pickering U38/AT, Empire 880, or Shure M3D stereo cartridge plus free accessories listed at the top of this page. Shpg. wt., 99 lbs.
HS-695WXM Net 485.95

LAFAYETTE SYSTEM PRICE
Plus FREE Accessories
48595
YOU SAVE 132.90

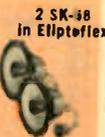


Garrard
Model "A"
On Base

Glaser-Steers
GS-77T



2 SK-210
in Elliptoflex

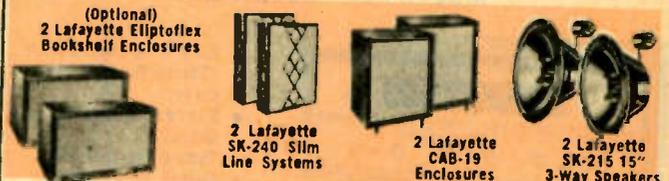


2 SK-48
in Elliptoflex

OPTIONAL SYSTEMS

| System No. | Scott Amp. Changer | Cart. | Base | Speaker, Cab. or Speaker Sys. | Ship. Wt. | Net |
|------------|--------------------|--|------|--------------------------------|-----------|--------|
| HS-687WXM | 222C A | Choice of Pickering U38/AT or Empire 880 or Shure M3D Stereo Cartridge | ↑ | 2 ea. SK-210 only | 83 lbs. | 307.50 |
| HS-688WXM | 222C GS-77T | | | 2 ea. SK-210 only | 83 lbs. | 288.35 |
| HS-689WXM | 222C AT6 | | | 2 ea. SK-210 in Ellipto Flex†† | 127 lbs. | 344.95 |
| HS-690WXM | 222C A | | | 2 ea. SK-210 in Ellipto Flex†† | 127 lbs. | 365.30 |
| HS-691WXM | 222C GS-77T | | | 2 ea. SK-210 in Ellipto Flex†† | 127 lbs. | 346.30 |
| HS-692WXM | 222C AT6 | | | 2 ea. SK-58 in Ellipto Flex†† | 135 lbs. | 316.50 |
| HS-693WXM | 222C A | | | 2 ea. SK-58 in Ellipto Flex†† | 135 lbs. | 336.50 |
| HS-694WXM | 222C GS-77T | | | 2 ea. SK-58 in Ellipto Flex†† | 135 lbs. | 317.95 |

† Specify finish, mahogany, blonde, or walnut. †† Specify Walnut, Mahogany, Blonde or Oiled Walnut.



(Optional)
2 Lafayette Elliptoflex
Bookshelf Enclosures

2 Lafayette
SK-240 Sillm
Line Systems

2 Lafayette
CAB-19
Enclosures

2 Lafayette
SK-215 15"
3-Way Speakers

OPTIONAL SYSTEMS

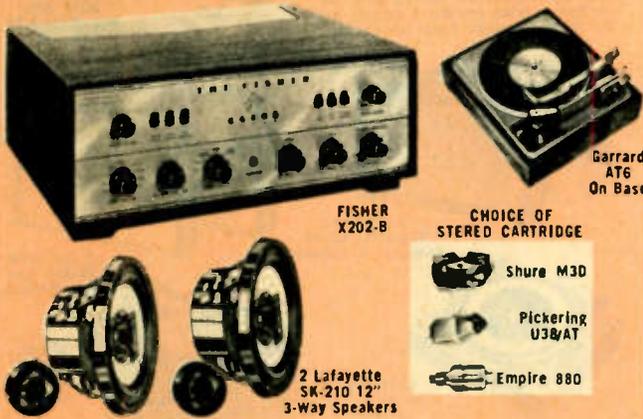
| System No. | Scott FM Tuner/Amplifier | Changer | Cart. | Base | Speaker, Cab. or Speaker Sys. | Ship. Wt. | Net |
|------------|--------------------------|---------|-------|------|--------------------------------|-----------|--------|
| HS-696WXM | 340 | A | ↑ | ↑ | 2 ea. SK-210 in Ellipto Flex†† | 143 lbs. | 544.95 |
| HS-697WXM | 340 | A | | | 2 ea. SK-215 only | 149 lbs. | 517.50 |
| HS-698WXM | 340 | A | | | 2 ea. SK-215 and 2 CAB-19† | 257 lbs. | 596.50 |
| HS-699WXM | 340 | A | | | 2 ea. SK-240 thin Line Sys. # | 160 lbs. | 502.95 |

* Choice of Pickering U38/AT, Empire 880, or Shure M3D stereo cartridge. † Specify finish, mahogany, or walnut. †† Oil Walnut finish only. ††=Specify Walnut, Mahogany, Blonde or Oiled Walnut.

NOTE: Please refer to Scott component pages for information on cases.

FISHER STEREO SYSTEMS

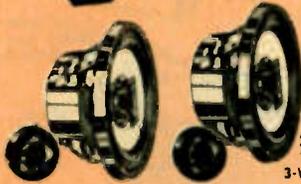
FISHER 75-WATT STEREO PHONO SYSTEM



FISHER X202-B

Garrard AT6 On Base

CHOICE OF STEREO CARTRIDGE



2 Lafayette SK-210 12" 3-Way Speakers

COMPONENTS

Fisher X202-B 75-watt stereo amplifier less case 249.50
 Garrard AT 6 changer (less base) 54.50
 Base for AT 6 3.95
 Pickering U38/AT Stereo cartridge with .7 Mil diamond needle 46.50
 2 Lafayette SK-210 3-way speakers @ 49.50 ea. 99.00
 Regular Catalog Price ~~459.45~~

Complete Fisher 75-watt stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D Stereo cartridge plus free accessories listed at top of this page. Shpg. wt. 87 lbs. MS-581WXM Net 357.50

LAFAYETTE SYSTEM PRICE

Plus Free Accessories

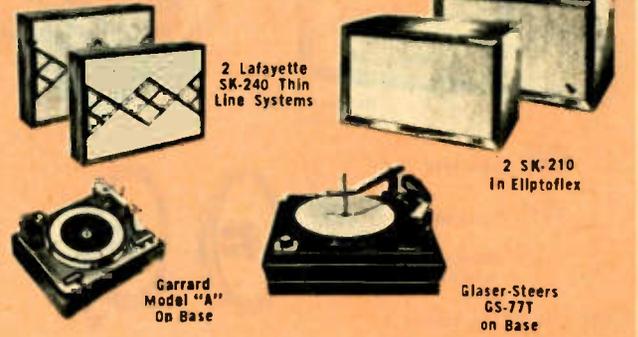
35750

YOU SAVE 95.95

FREE with purchase of any system on this page popular ESL DUST BUG which automatically removes dirt and dust on each playing record, all cables and connectors, stylus pressure gauge, and 20 ft. of speaker hook-up cable.



OPTIONAL COMPONENTS



2 Lafayette SK-240 Thin Line Systems

2 SK-210 in Elliptoflex

Garrard Model "A" On Base

Glaser-Steers GS-77T on Base

OPTIONAL SYSTEMS

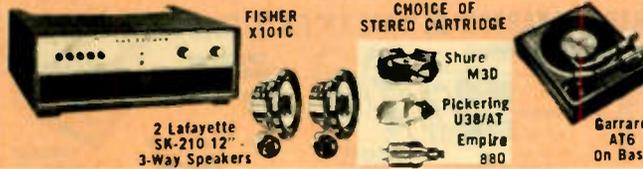
| System No. | Fisher Amp. Changer | Cart. | Base | Speaker, Cab. or Speaker Sys. | Shpg. Wt. | Net |
|----------------|---------------------|---------------------|------|--------------------------------|-----------|--------|
| MS-582WXM 202B | A | Choice of | † | 2 ea. SK-210 only | 37 lbs. | 377.50 |
| MS-583WXM 202B | GS-77T | Pickering U38/AT or | † | 2 ea. SK-210 only | 87 lbs. | 358.95 |
| MS-584WXM 202B | AT6 | Empire | † | 2 ea. SK-210 in Ellipto Flex†† | 130 lbs. | 415.50 |
| MS-585WXM 202B | A | Empire | † | 2 ea. SK-210 in Ellipto Flex†† | 130 lbs. | 435.50 |
| MS-586WXM 202B | GS-77T | 880 or | † | 2 ea. SK-210 in Ellipto Flex†† | 130 lbs. | 416.95 |
| MS-587WXM 202B | AT6 | Shure M3D | † | SK-240 Thin Line Sys. # | 148 lbs. | 377.50 |
| MS-588WXM 202B | A | Stereo Cartridge | † | SK-240 Thin Line Sys. # | 148 lbs. | 397.50 |
| MS-589WXM 202B | GS-77T | | † | SK-240 Thin Line Sys. # | 148 lbs. | 378.95 |

†† Specify walnut, mahogany, blonde, or oil walnut.

† Specify finish, mahogany, blonde, or walnut.

Oil walnut finish only.

FISHER 60-WATT STEREO PHONO SYSTEM



FISHER X101C

Garrard AT6 On Base

CHOICE OF STEREO CARTRIDGE



2 Lafayette SK-210 12" 3-Way Speakers

COMPONENTS

Fisher X101C 60-watt stereo amplifier less case 199.50
 Garrard AT 6 changer (less base) 54.50
 Base for AT 6 3.95
 Pickering U38/AT stereo cartridge with .7 Mil diamond needle 46.50
 2 Lafayette SK-210 3 way speakers @ 49.50 ea. 99.00
 Regular Catalog Price ~~403.45~~

Complete Fisher 60-watt stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D Stereo Cartridge plus free accessories listed at the top of this page. Shpg. wt. 83 lbs. MS-590WXM Net 313.50

LAFAYETTE SYSTEM PRICE

Plus Free Accessories

31350 YOU SAVE 89.95

FISHER 65-WATT FM STEREO PHONO SYSTEM



2 Lafayette SK-210 12" 3-Way Speakers

Garrard Model "A" On Base

FISHER 500B

COMPONENTS

Fisher 500B 65-watt FM stereo Receiver less case 359.50
 Garrard A changer (less base) 79.50
 Base for Garrard A 3.95
 Pickering U38/AT stereo cartridge with .7 Mil diamond needle 46.50
 2 Lafayette SK-210 3 way speakers @ 49.50 ea. 99.00
 Regular Catalog Price ~~588.45~~

Complete Fisher 65-watt FM stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D stereo cartridge plus free accessories, listed at the top of this page. Shpg. wt., 99 lbs. MS-545WXM Net 468.50

LAFAYETTE SYSTEM PRICE

Plus Free Accessories

46850 YOU SAVE 119.95



OPTIONAL COMPONENTS

Glaser-Steers GS-77T on Base

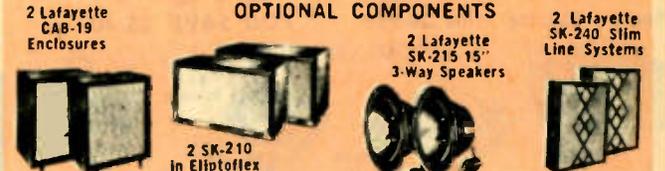
2 SK-58 in Elliptoflex

Garrard Model "A" On Base

OPTIONAL SYSTEMS

| System No. | Fisher Amp. Changer | Cart. | Base | Speaker, Cab. or Speaker Sys. | Shpg. Wt. | Net |
|----------------|---------------------|---------------------|------|--------------------------------|-----------|--------|
| MS-591WXM 101C | A | Choice of | † | 2 ea. SK-210 only | 83 lbs. | 333.50 |
| MS-592WXM 101C | GS-77T | Pickering U38/AT or | † | 2 ea. SK-210 only | 83 lbs. | 314.95 |
| MS-593WXM 101C | AT6 | Empire | † | 2 ea. SK-210 in Ellipto Flex†† | 127 lbs. | 371.50 |
| MS-594WXM 101C | A | Empire | † | 2 ea. SK-210 in Ellipto Flex†† | 127 lbs. | 391.50 |
| MS-595WXM 101C | GS-77T | 880 or | † | 2 ea. SK-210 in Ellipto Flex†† | 127 lbs. | 372.95 |
| MS-596WXM 101C | AT6 | Shure M3D | † | 2 ea. SK-58 in Ellipto Flex† | 135 lbs. | 341.50 |
| MS-597WXM 101C | A | Stereo Cartridge | † | 2 ea. SK-58 in Ellipto Flex† | 135 lbs. | 362.50 |
| MS-598WXM 101C | GS-77T | | † | 2 ea. SK-58 in Ellipto Flex† | 135 lbs. | 342.95 |

† Specify finish, mahogany, blonde, or walnut. †† Specify wal., mahog., blonde, oil wal.



OPTIONAL COMPONENTS

2 Lafayette SK-210 15" 3-Way Speakers

2 SK-210 in Elliptoflex

2 Lafayette SK-240 Slim Line Systems

OPTIONAL SYSTEMS

| System No. | Fisher Recvr. Changer | Cart. | Base | Speaker, Cab. or Speaker Sys. | Ship. Wt. | Net. |
|----------------|-----------------------|-------|------|-------------------------------|-----------|--------|
| MS-546WXM 500B | A | † | † | 2 ea. SK-210 in Elliptoflex†† | 143 lbs. | 527.50 |
| MS-547WXM 500B | A | † | † | 2 ea. SK-215 only | 149 lbs. | 499.50 |
| MS-548WXM 500B | A | † | † | 2 ea. SK-215 and 2 Cab.-19† | 257 lbs. | 585.50 |
| MS-549WXM 500B | A | † | † | 2 ea. SK-240 Thin Line Sys. # | 160 lbs. | 485.50 |

* Choice of Pickering U38/AT, Empire 880, or Shure M3D stereo cartridge.

† Specify finish, mahogany or walnut.

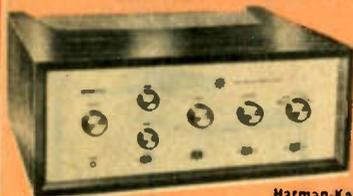
Oil walnut finish. †† Specify walnut, mahogany, blonde, or oil walnut.

NOTE: Please refer to Fisher component pages for information on cases

harman kardon

STEREO SYSTEMS

HARMAN-KARDON 30-WATT PHONO SYSTEM



Harman-Kardon A-300



Garrard AT6 on Base



Shure M3D

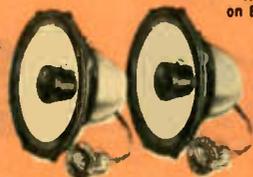


Empire 880



Pickering U38/AT

2 Lafayette SK-58 Speakers



CHOICE OF STEREO CARTRIDGE

COMPONENTS

- Harman-Kardon A300 dual 15 watt stereo amplifier (less case) **99.95**
- Garrard AT6 changer (less base) **54.50**
- Base for AT6 **3.95**
- Pickering U38/AT Stereo Cartridge with .7 Mil diamond stylus **46.50**
- 2 Lafayette SK-58 12" coaxial speakers @ 29.50 ea. **59.00**

Regular Catalog Price ~~269.90~~

Complete Harman-Kardon 30-watt stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D Stereo Cartridge plus free accessories listed at the top of this page. Shpg. wt., 75 lbs. Net 197.50

LAFAYETTE SYSTEM PRICE

Plus Free Accessories

19750

YOU SAVE 66.40

FREE

with purchase of any system on this page popular ESL DUST BUG which automatically removes dirt and dust on each playing record, all cables and connectors, stylus pressure gauge, and 20 ft. of speaker hook-up cable.

LAFAYETTE PRESSURE GAUGE PK-223

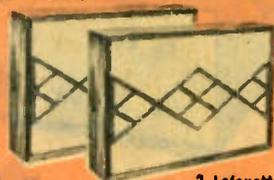


DUST BUG Reg. Price 4.75 PK-246

OPTIONAL COMPONENTS



2 Lafayette Elliptoflex Series Bookshelf Enclosures



2 Lafayette SK-240 Thin Line Systems



GARRARD Model "A" on Base



Garrard Model "A" on Base

OPTIONAL SYSTEMS

| System No. | H-K Changer Amp. or Cartridge | Base | Speakers | Cabinets or Speaker Systems | Shpg. Wt. | Net |
|------------|-------------------------------|--|-------------------------------|-----------------------------|-----------|--------|
| HS-630WXM | A300 A | Choice of Pickering U38/AT or Empire 880 or Shure M3D Stereo Cartridge | ↑ 2 ea. SK-58 only | | 75 lbs. | 217.50 |
| HS-631WXM | A300 GS-77T | | ↑ 2 ea. SK-58 only | | 75 lbs. | 198.95 |
| HS-632WXM | A300 AT6 | | ↑ 2 ea. SK-58 in Elliptoflex† | | 120 lbs. | 255.50 |
| HS-633WXM | A300 A | | ↑ 2 ea. SK-58 in Elliptoflex† | | 120 lbs. | 277.50 |
| HS-634WXM | A300 GS-77T | | ↑ 2 ea. SK-58 in Elliptoflex† | | 120 lbs. | 256.95 |
| HS-635WXM | A300 AT6 | | ↑ 2 ea. SK-240 ThinlineSys▲ | | 132 lbs. | 243.50 |
| HS-636WXM | A300 A | | ↑ 2 ea. SK-240 ThinlineSys▲ | | 132 lbs. | 263.50 |
| HS-637WXM | A300 GS-77T | | ↑ 2 ea. SK-240 ThinlineSys▲ | | 132 lbs. | 244.95 |

†Specify finish, Mahogany, Blonde, or Walnut.
▲Oil Walnut finish only.

HARMAN-KARDON 50-WATT STEREO PHONO SYSTEM



Harman-Kardon A-500



2 Lafayette SK-210 12" 3-Way Speakers

CHOICE OF STEREO CARTRIDGE

- Shure M3D
- Empire 880
- Pickering U38/AT



Garrard AT6 on Base

COMPONENTS

- Harman-Kardon A500 50-watt stereo amplifier (less case) **159.95**
- Garrard A 6 changer (less base) **54.50**
- Base for AT 6 **3.95**
- Pickering U38/AT Stereo Cartridge with .7 mil diamond needle **48.50**
- 2 Lafayette SK-210 12" 3-way speakers @ 49.50 ea. **99.00**

Regular Catalog Price ~~269.90~~

Complete Harman-Kardon 50-watt stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D Stereo Cartridge plus free accessories listed at the top of this page. Shpg. wt., 80 lbs. Net 278.50

LAFAYETTE SYSTEM PRICE

Plus Free Accessories

27850

YOU SAVE 85.40

HARMAN-KARDON 50-WATT AM-FM STEREO PHONO SYSTEM



Harman-Kardon TA-5000X



2 Lafayette SK-210 12" 3-Way Speakers

CHOICE OF STEREO CARTRIDGE

- Shure M3D
- Empire 880
- Pickering U38/AT



GARRARD Model "A" on Base

COMPONENTS

- Harman-Kardon 50-watt AM-FM stereo receiver (less case) **299.95**
- Garrard A changer (less base) **79.50**
- Base for Garrard A **3.95**
- Pickering U38/AT Stereo Cartridge with .7 mil diamond needle **46.50**
- 2 Lafayette SK-210 12" 3-way speakers @ 49.50 ea. **99.00**

Regular Catalog Price ~~628.90~~

Complete Harman-Kardon 50-watt AM-FM Stereo phono system as above with your choice of Pickering U38/AT, Empire 880, or Shure M3D stereo cartridge plus free accessories listed at the top of this page. Shpg. wt., 94 lbs. Net 415.95

LAFAYETTE SYSTEM PRICE

Plus Free Accessories

41595

YOU SAVE 112.95



2 Lafayette Elliptoflex Series Bookshelf Enclosures



GARRARD Model "A" on Base



Garrard AT 6 on Base



2 Lafayette SK-58 Speakers

OPTIONAL SYSTEMS

| System No. | H-K Changer Amp. or Cartridge | Base | Speakers | Cabinets or Speaker Systems | Shpg. Wt. | Net |
|------------|-------------------------------|--|--------------------------------|-----------------------------|-----------|--------|
| HS-639WXM | A500 A | Choice of Pickering U38/AT or Empire 880 or Shure M3D Stereo Cartridge | ↑ 2 ea. SK-210 only | | 80 lbs. | 298.50 |
| HS-640WXM | A500 GS-77T | | ↑ 2 ea. SK-210 only | | 80 lbs. | 280.50 |
| HS-641WXM | A500 AT6 | | ↑ 2 ea. SK-210 in Elliptoflex† | | 124 lbs. | 335.50 |
| HS-642WXM | A500 A | | ↑ 2 ea. SK-210 in Elliptoflex† | | 124 lbs. | 355.95 |
| HS-643WXM | A500 GS-77T | | ↑ 2 ea. SK-210 in Elliptoflex† | | 124 lbs. | 337.50 |
| HS-644WXM | A500 AT6 | | ↑ 2 ea. SK-210 Thinline▲ | | 136 lbs. | 298.50 |
| HS-645WXM | A500 A | | ↑ 2 ea. SK-210 Thinline▲ | | 136 lbs. | 318.50 |
| HS-646WXM | A500 GS-77T | | ↑ 2 ea. SK-210 Thinline▲ | | 136 lbs. | 300.50 |

†Specify finish, Mahogany, Blonde, or Walnut.

▲Oil Walnut finish only.

OPTIONAL COMPONENTS



2 Lafayette CAB-19 Enclosures



2 Lafayette Elliptoflex Series Bookshelf Enclosures



2 Lafayette SK-215 15" 3-Way Speakers

OPTIONAL SYSTEMS

| System No. | H-K Recvr | Changer or Cartridge Base | Speakers | Cabinets or Speaker Systems | Shpg. Wt. | Net |
|------------|-----------|---------------------------|--------------------------------|-----------------------------|-----------|--------|
| HS-606WXM | TA5000X | A | ↑ 2 ea. SK-210 in Elliptoflex† | | 139 lbs. | 479.95 |
| HS-607WXM | TA5000X | A | ↑ 2 ea. SK-215 speakers only | | 144 lbs. | 453.95 |
| HS-608WXM | TA5000X | A | ↑ 2 ea. SK-215 & 2 ea. Com-19† | | 253 lbs. | 537.50 |
| HS-609WXM | TA5000X | A | ↑ 2 ea. SK-240 Thinline Sys.▲ | | 157 lbs. | 437.50 |

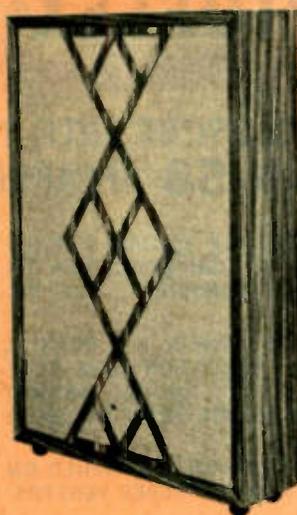
*Choice of Pickering U38/AT, Empire 880, or Shure M3D Stereo Cartridge.

†Specify finish Mahogany or Walnut.

▲Oil Walnut finish only.

NOTE: Please refer to Harman-Kardon Component pages for information on cases.

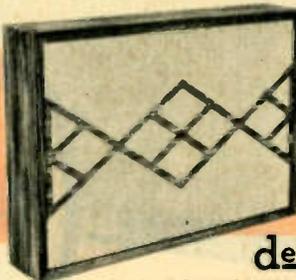
NEW! THE SUPERB LAFAYETTE SLIM "decor-ette" SPEAKER SYSTEM



ONLY
4 3/4"
IN WIDTH



• Now Lafayette Offers The Most Advanced Design and Styling for Superlative Sound in Slim Speaker Systems at Lafayette's Low Sensational price • 5-Speaker 3-Way System Custom Built in England to Lafayette's Rigid Specifications • 2-8" Woofers with 1/2 lb. Magnets and Rigidflex Floating Piston Hyperbolic Cones, 1-6" Open Back Mid-Range Driver, 1-Dome Lens Compression Horn Tweeter, 1-3 1/2" Cone-Type Tweeter • Never Before Such Speaker Quality in the Concept of Slimline Sound • Custom Assembled in a Genuine Hand-Rubbed Oiled Walnut Veneer Cabinet, of Extra Heavy 3/4" Stock • Frequency Response, 40-20,000 cps. • Power Handling Capacity, Continuous 30 Watts; Instantaneous Peak Load Power, 60 Watts • Impedance 8 Ohms



ONLY
59⁹⁵
NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 381

decor-ette FOR VERTICAL FLOOR MOUNTING

decor-ette FOR HORIZONTAL MOUNTING ON BOOKSHELVES

- Truly Magnificent Sound From a Thin Line Speaker!
- 5 Speakers! 2-8" Woofers with 1/2 lb. Magnets plus 6" Mid-range plus Dome Lens Compression Horn Tweeter, plus 3 1/2" Cone Tweeter!

The "decor-ette" now makes it possible to get a truly magnificent sound from a slim-type speaker cabinet. Lafayette has had the finest British audio engineers design and construct the "decor-ette" slim-type speaker system to our rigid specifications. The results achieved are of unequalled brilliance with outstanding speaker performance at such a sensationally low Lafayette price. The genuine hand-rubbed oiled walnut veneer cabinet has been designed and styled for either vertical or horizontal placement. A real space-saver, it is slim in appearance and can be placed on a bookshelf, mounted on the floor, used as a room divider or hung on the wall. The beauty of your present room will be enriched by this outstanding system in its decorator styled enclosure. The "decor-ette" is a 5-speaker 3-way system utilizing the latest advanced acoustic designs. Two 8" woofers with 1/2 lb. magnets incorporate a "Rigidflex" Floating Piston Hyperbolic Cone resulting in a free floating cone rim and a

completely rigid cone center to provide maximum distortionless bass from 500 cycles down to 40 cycles. The specially designed 6" mid-range open back driver provides uniform response from 500 to 7500 cycles. The 3 1/2" cone-type tweeter gives wide dispersion of the mid-highs smoothly from 1000 to 10,000 cycles. The dome lens type compression tweeter response is from 5000 to 35,000 cycles. Omni-directional, this tweeter gives 360° sound dispersion to add overall brilliance to the system. RC electrical crossover frequency is 5000 cps. Overall frequency response, 40-20,000 cps. Power handling capacity, continuous 30 watts; Instantaneous peak load power, 60 watts. Impedance, 8 ohms. Size: 25Hx17Lx4 3/4"W. Supplied with 4 1" round walnut decorator legs which can be mounted on the cabinet for either vertical or horizontal placement. Shpg. wt., 24 lbs.
SK-240WX Oiled Walnut Finish Net 59.95

NEW! SENSATIONAL "SLENDERETTE" SPEAKER SYSTEM

ONLY **39⁹⁵**

each

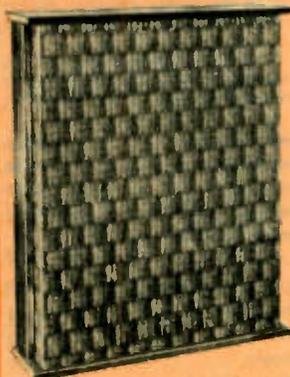
FOR BUDGET TERMS SEE PAGE 381

- Low Lafayette Price • Superb Custom Styling • Oil Walnut Finish
- 7-Ply with Genuine Walnut Veneer

JENSEN SPEAKERS and UNIVERSAL WOODCRAFTERS CABINET

- 5-Speaker 3-Way System • 2 Jensen 6" Woofers 1 Jensen 8" Midrange Driver, 2 Jensen 3 1/2" Tweeters

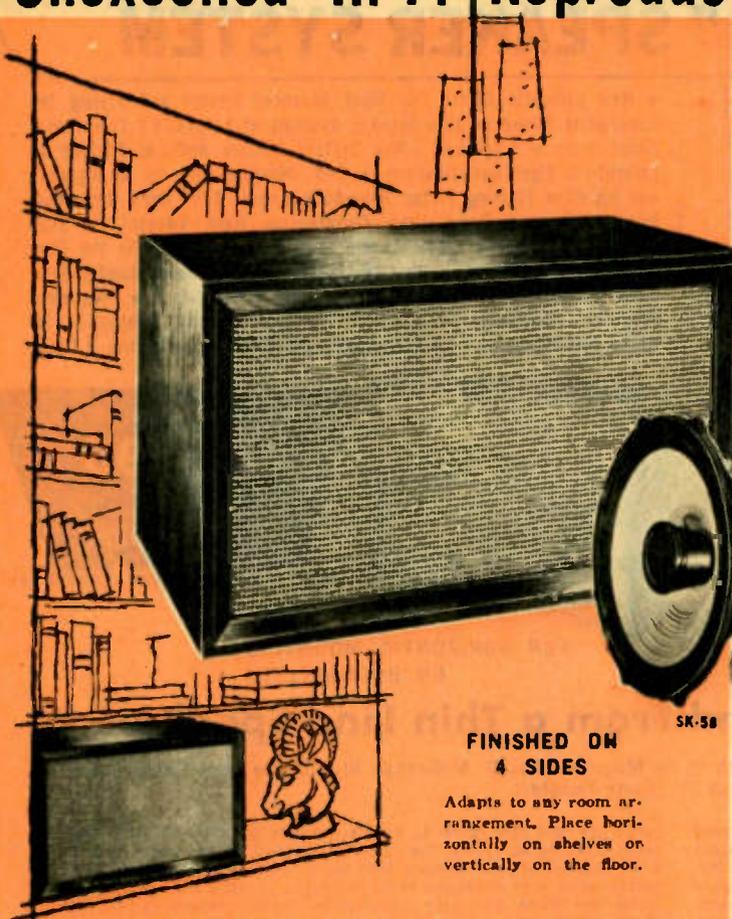
A new concept in the design of speaker systems enables you to place each system in almost any desired location of your choice—floor, wall, or top of bookshelf. A hermetically sealed cabinet, by Universal Woodcrafters, measuring only 5" deep, 24" in height, and 20" in length, represents an outstanding achievement in speaker system development. A beautifully styled grill harmonizes with all home interiors. Provides unbelievably fine speaker performance at a low, low Lafayette price. Contains a carefully integrated pneumatically dampened 5-speaker 3-way system engineered by Jensen with specially developed Jensen speaker components. Contains 2 special 6" woofer driver elements; one 8" midrange driver enclosed in its own sealed acoustic surroundings, completely separated from the woofer cavity, and 2 3 1/2" fully enclosed tweeters. Woofer has an electric crossover at 400 cps. Midrange crossover at 2,000 cps. Frequency response 50-15,000 cps. 20 watt capacity. Impedance 8 ohms. Comes equipped with hangers for wall mounting. Oil walnut finish. Shpg. wt., 24 lbs.
SK-235WX Oil Walnut finish Net 39.95



JUST
5"
IN
WIDTH



Unexcelled Hi-Fi Reproduction . . . LAFAYETTE'S



ELIPTOFLEX®

SPEAKER ENCLOSURE WITH THE FAMOUS SK-58 SPEAKER

- NOW IT IS POSSIBLE TO HAVE THE ADVANTAGES OF A HIGH EFFICIENCY 12" SPEAKER IN A BOOKSHELF SIZE ENCLOSURE.
- SPECIALLY DESIGNED 12" COAXIAL SPEAKER WITH SHEEPSKIN CONE EDGE SUSPENSION AND 1¼ LB. MAGNET PROVIDE A RESPONSE FROM BELOW 30 TO 15,000 CPS.
- ENCLOSURE BEAUTIFULLY FINISHED ON FOUR SIDES IN HAND RUBBED VENEERS.

64.50
NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 381

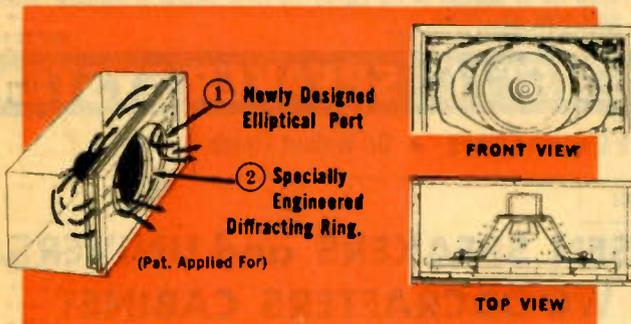
The "Eliptoflex" is the result of an intensive research program whose 3-fold purpose was to:

- 1 Develop a speaker system that would meet space requirements of stereo.
- 2 Utilize the full advantages of efficient 12" speaker performance.
- 3 Provide optimum performance without use of large wattage expensive amplifiers.

FINISHED ON 4 SIDES

Adapts to any room arrangement. Place horizontally on shelves or vertically on the floor.

PHENOMENAL ELIPTOFLEX PERFORMANCE



PERFORMANCE EXPLANATION

The loudspeaker is mounted on a baffle recessed in the cabinet shell with the front-plate extending partially across the front surface of the baffle forming ducts or tubes from the port openings to the outside air. The elliptical cutout changes the effective length of the duct across its area. This variation in path lengths provide an extremely smooth transition from duct to free air; broadens the frequency response and provide better transient response. A triangular shaped diffracting ring mounted on the front of the baffle board virtually eliminates undesirable cancellation effects normally produced by close coupling of front and rear cone radiation. This results in a "lens" effect, changing relative particle velocities and consequently, phase relationships so as to produce a smooth transition from front to rear radiation. Comparative laboratory and listening tests indicate that "Eliptoflex" performance is demonstratively superior throughout the audio spectrum.

Patents applied for in United States, England and Canada

The Results Were Remarkable . . . The Eliptoflex utilizes a unique elliptical port which broadens frequency response and provides better transient response. A specially engineered diffracting ring eliminates cancellation effects between front and rear radiation. These engineering advances are coupled with the famous Lafayette free edge SK-58 12" coaxial speaker 3" conetype tweeter, 1¼ lb. TSK-5 high flux density magnet and special ¾" wide sheepskin cone-edge suspension and built-in crossover network level control.

"Eliptoflex" achieves a degree of natural smoothness, low-distortion and rich robust bass hitherto found only in large enclosure speaker systems or inefficient bookshelf speakers many times its price requiring high powered amplifiers. Due to its highly efficient design characteristics the "Eliptoflex" does not require costly high wattage amplification.

The "Eliptoflex" speaker system is beautifully finished on 4 sides in a variety of hardwood veneers for attractive room placement either horizontally or vertically. Dimensions are 14"Hx23-7/16"Wx13-5/16"D. Shpg. wt., 35 lbs.

| | |
|---|-----------|
| SY-381WX "Eliptoflex" Speaker System Mahogany | Net 64.50 |
| SY-382WX "Eliptoflex" Speaker System Walnut | Net 64.50 |
| SY-383WX "Eliptoflex" Speaker System Blonde | Net 64.50 |
| SY-384WX "Eliptoflex" Speaker System Oiled Walnut | Net 64.50 |
| SY-392WX "Eliptoflex" Speaker System Unfinished furniture grade birch | Net 59.50 |

| | |
|--|-----------|
| ELIPTOFLEX ENCLOSURE LESS SPEAKER—FINISHED ON 4 SIDES | |
| CAB- 83WX "Eliptoflex" Enclosure—Mahogany | Net 36.50 |
| CAB- 84WX "Eliptoflex" Enclosure—Walnut | Net 36.50 |
| CAB- 85WX "Eliptoflex" Enclosure—Blonde | Net 36.50 |
| CAB- 86WX "Eliptoflex" Enclosure—Oiled Walnut | Net 36.50 |
| CAB-124WX "Eliptoflex" Enclosure—Unfinished Birch | Net 29.50 |

LAFAYETTE SK-58 12" COAXIAL SPEAKER

UNIVERSALLY ACCLAIMED!

NUMBER 1 SPEAKER VALUE!

**SUPERB PERFORMANCE GUARANTEED
—OR YOUR MONEY BACK!**

THE ORIGINAL, EXCLUSIVE LAFAYETTE SK-58[®]

- RESPONSE 30-15,000 CPS
- SHEEPSKIN "FREE EDGE" CONE MOUNTING
- 1¼ LB MAGNET WEIGHT
- 3" COAXIALLY MOUNTED TWEETER
- BUILT-IN LC NETWORK
- RATED AT 20 WATTS CONTINUOUS POWER

29.50

EASY PAY PLAN SEE PAGE 381



Lafayette's exclusive 12" coaxial is a precision-made high fidelity loudspeaker, universally acclaimed by music lovers, hi-fi enthusiasts and professional experts alike as the greatest performance-value on the hi-fi market. It provides a truly faithful reproduction of sound without any "coloration" or distortion, its excellence being responsible for its use in innumerable high fidelity music systems today. The SK-58 incorporates such features as heavy, high flux density TSK-5 magnets for high efficiency; ¾" wide sheepskin cone-edge suspension and special composition fibre cone material, specially treated for ultra-linear, distortion-free response; heavy rugged cast metal frame for freedom from resonances and for greater rigidity.

The coaxially-mounted 3" cone-type tweeter has a bell shaped mounting for maximum dispersion of high frequencies with no back radiation. With the built-in 3000 cps crossover network it contributes its share to the smooth delivery of the overall wide range response of 30-15,000 cps. Woofer resonance in free air is 40 cps. Speaker power handling capacity is 20 watts continuous sine wave, 35 watts peak program material. Impedance of the voice coil is 8 ohms, connections being made to chrome-plated screw terminals. Finished in gray-brown opalescent enamel, the speaker is supplied complete with "brilliance" level control. Shpg. wt., 11 lbs. SK-58W 12" COAXIAL SPEAKER Imported Net 29.50

NEW! LAFAYETTE SK-98[®] 8" DUO-CONE HI-FI SPEAKER



- MECHANICAL 2-WAY DESIGN
- OVERALL RESPONSE 40-16,000 CPS.
- LARGE MAGNET STRUCTURE
- PATENTED CONE CONSTRUCTION AND MATERIAL
- HIGH EXCURSION WOOFER

9.95

The dual-cone construction used in these high quality 8" speakers, provides the same type of wide-range response normally found only in true coaxial speakers or multiple speaker systems. Two separate cones act through a common voice coil. The outer edge of the tweeter cone is attached to the mid-section of the woofer cone; both cones "float" on flexible corrugated edges. This mounting results in true mechanical cross-over, so that both cones operate at low frequencies, but only the tweeter cone operates at high frequencies. This gives improved high frequency directional characteristics and minimum distortion. Patented cone materials provide extremely smooth response over the range of 40-16,000 cps. Magnets are large and heavy, with a flux density of 10,500 gauss and total flux of 56,000 maxwells. Terminals are screw-type for solderless connections. Sensitivity is 99.5 db/watt; free air resonance is 55-70cps; voice coil impedance is 8 ohms. Size is 8" diam. 4¼" deep and requires 6¾" diam. baffle opening. Shpg. wt., 5½ lbs. Imported
SK-98 8" 2-WAY SPEAKER Net 9.95
2 FOR STEREO Net 18.95

NEW! 6½" COAXIAL SK-97[®] HI-FI SPEAKER

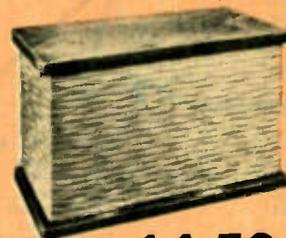


- OVERALL RESPONSE 30-16,000 CPS.
- SPACE SAVING & ECONOMICAL FOR STEREO
- BUILT-IN LC NETWORK
- LARGE, HEAVY MAGNETS

6.95

An excellent speaker with all the best features of coaxial design, the SK-97 will provide the finest sound reproduction available from a speaker of this size. It is especially recommended where space and/or cost are factors. The 6½" woofer is equipped with large, heavy magnet for maximum efficiency and low distortion. The 2" tweeter is a separate speaker coaxially mounted in a housing which completely seals off back radiation; a mesh dispersion screen provides smooth, wide-angle, high frequency propagation. When properly enclosed, the response of this low cost hi-fi speaker is genuinely impressive. Its small size makes it perfect for use in a wide variety of small enclosures—ideal for use in pairs for stereo music systems of up to 8-10 watts. Frequency range, 50-16,000 cps. Woofer free-air resonance, 70 cps. Voice coil impedance, 8 ohms. Built-in electrical crossover network. Color-coded screw-type terminals. Requires 5½" diam. cutout. Size is 6¼" diam., 3¾" deep. Shpg. wt., 3½ lbs. Imported
SK-97 6½" COAXIAL SPEAKER Net 6.95
2 FOR STEREO Net 12.95

LAFAYETTE DUCTED- PORT BASS REFLEX SPEAKER ENCLOSURE



14.50

- ACCOMMODATES EITHER AN 8" OR 6" SPEAKER
- DUCTED PORT DESIGN FOR EXTENDED BASS RESPONSE
- ECONOMICAL AND SPACE-SAVING
- RECOMMENDED FOR STEREO

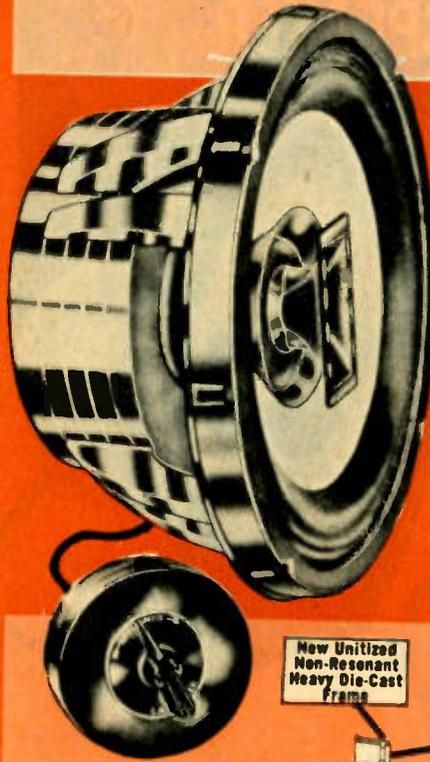
An acoustically engineered loudspeaker enclosure designed to provide full wide-range response when used with any 8" or 6" wide range or coaxial hi-fi speaker. Incorporates a special long duct over the usual bass-reflex port for performance equal to many enclosures of much greater size. Only 11¼" high, 18" wide and 9" deep—perfect for bookshelf, table top or other limited-space applications. Made of hardwood veneers throughout, hand-rubbed to a high finish, and lined with heavy acoustical padding. Available in Blonde Mahogany, Mahogany or Walnut finishes. (Please specify your choice.) Shpg. wt., 15 lbs. Made in U.S.A.
CAB-29W Net 14.50

LAFAYETTE PERFORMANCE, DESIGN & VALUE NOW from Great Britain . . .



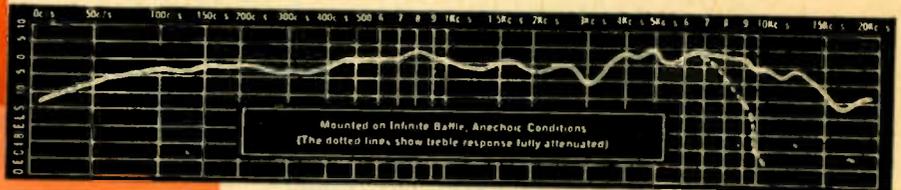
The LAFAYETTE SOVEREIGN 12

3-Way High Performance HI-FI Speaker



49⁵⁰
NO MONEY DOWN

- 2 1/4 lb. Ceramic Magnet • "Rigidflex" Free-Edge Cone Suspension
- No Standing Waves Or Surround Resonances • 3-Way Triaxial Design Provides Unequaled Smooth Low, Mid & High Frequency Coverage
- Special Low-Resonance Woofer Cone, Stiff Mid-Range Radiator
- Compression-Driver Tweeter • Frequency response: 30-20,000 C.P.S. • Fundamental Resonance: 35 Cycles • Power Handling Capacity: 30 Watts • Voice Coil: 3 Inches • Wide Dispersion Tweeter, Self Aligning Aluminum Voice Coil & Diaphragm • High Efficiency With Low Distortion • Superb Transient Response • Impedance: 16 ohms • Entirely New Unitized Die-Cast Frame



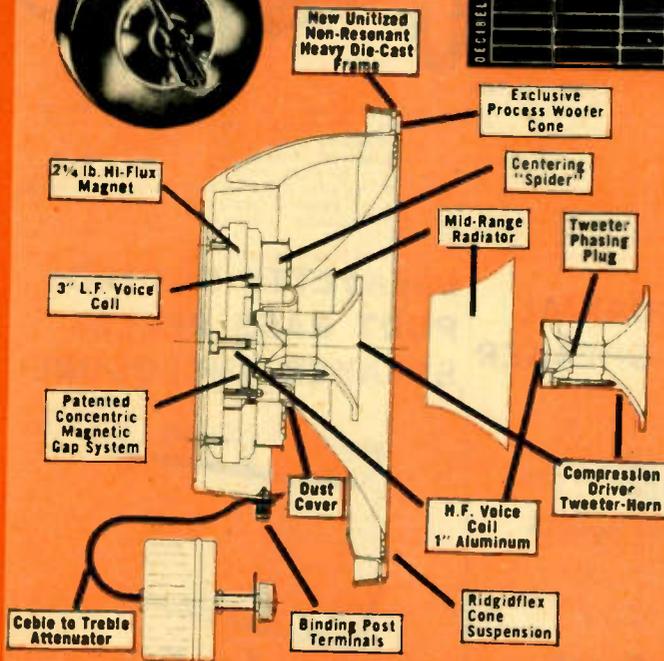
ONE OF LAFAYETTE'S FINEST 12" SPEAKERS

Constructed by master English craftsmen to Lafayette's rigid specifications, the "Lafayette SK-210 Sovereign 12" must be considered among the very finest 12" speakers available. Engineered to satisfy the most discriminating listener, the SK-210 achieves full 3 speaker performance through its advanced triaxial design. Woofer, midrange radiator and tweeter are all axially mounted within a single rigid, unitized die cast frame, to provide an integrated, efficient wide range speaker system. Construction features incorporate a 3 inch voice coil with an exclusive "Rigidflex" cone-bonding and cone-edge treatment process to form a virtually free-edged cone suspension. All irregularities of the audible frequency spectrum are smoothed out with standing waves and surround resonances eliminated. High efficiency and low distortion are further assured by use of a specially designed 2 1/4 lb. ceramic magnet.

The quality of the Sovereign is immediately evident in its uncompromising performance. Frequency response is 30-20,000 cps with a free-air woofer cone resonance of 35 cps. Bass response is tight and solid without boom or hangover to achieve a phenomenal realism. At 2000 cps, frequencies are channeled into a stiff-coned midfrequency radiator by means of a smooth mechanical crossover. High frequencies are reproduced with a silkiness and naturalness to beyond the limits of human hearing by means of a compression driver tweeter. This superb new tweeter incorporates a rigid, die-cast, flared, hyperelliptical horn, a 1" diameter aluminum voice coil and diaphragm in a self-aligning assembly with air chamber and phase equalizer. A built in crossover allows the tweeter to take over at 5,000 cps and is provided with a high-frequency L-pad level control with attractive escutcheon and knob. Shpg. wt., 15 lbs.

Net 49.50

FOR BUDGET TERMS SEE PAGE 381

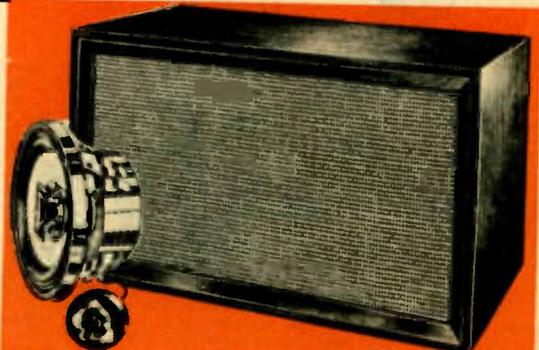


FAMOUS LAFAYETTE ELIPTOFLEX ENCLOSURE AND SK-210 SOVEREIGN 12" 3-WAY SPEAKER WITH 2 1/4 LB. MAGNET

PERFORMANCE MATCHED—Lafayette's famous Eliptoflex bookshelf enclosure matched with the exceptional SK-210 Sovereign 12" 3-way speaker. Finished on four sides in your choice of decorator finishes. Size: 14Hx23 1/2Wx13 1/4"D. Shpg. wt., 39 lbs.

| | | |
|----------|---|-----------|
| SY-405WX | SK-210 & Eliptoflex in Mahogany | Net 82.50 |
| SY-406WX | SK-210 & Eliptoflex in Walnut | Net 82.50 |
| SY-407WX | SK-210 & Eliptoflex in Blonde | Net 82.50 |
| SY-408WX | SK-210 & Eliptoflex in Oiled Walnut | Net 82.50 |
| SY-409WX | SK-210 & Eliptoflex in Unfinished furniture grade birch | Net 75.50 |

82⁵⁰
NO MONEY DOWN



BRINGS YOU A NEW STANDARD OF HI-FI SPEAKER

Custom Built to LAFAYETTE'S Own Rigid Specifications

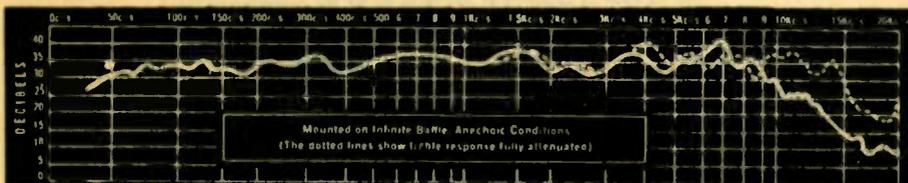
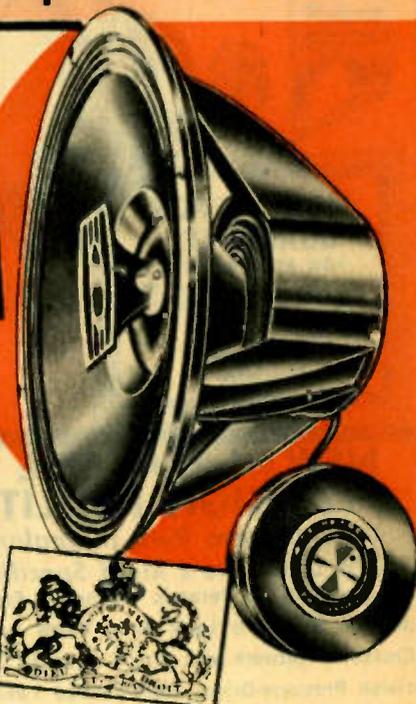
THE LAFAYETTE CAVALIER 12 Mark II

High-Fidelity 3-Way Speaker

- Entirely New Unitized Die-Cast Frame
- 1 3/4 lb. High-Efficiency Ceramic Magnet
- Special Design For Distortionless Performance From 30-20,000 cps.
- 1 3/4" Voice Coil
- Handles 25 Watts of Power
- Crossover Complete With Brilliance Control

39⁹⁵
NO MONEY DOWN

EASY PAY PLAN SEE PAGE 381



AN OUTSTANDING PERFORMANCE VALUE . . .

This new Lafayette Cavalier 12 Mark II integrates the finest acoustic design with precise British craftsmanship. It's advanced 3-way design with woofer, mid-range radiator and tweeter axially mounted within an entirely new unitized die cast frame is capable of faithfully reproducing the complete audio spectrum from 30-20,000 cps. The most violent crescendos are easily handled without tone coloration or distortion, with superior bass response achieved even at the lowest volumes. Construction features include a 1 3/4 lb. high efficiency Ceramic magnet, an especially engineered "Rigidflex" cone-bonding and cone edge treatment process for a virtually free-edged cone suspension, 1 3/4 inch voice coil plus a stiff-coned midrange radiator with a 2,000

cps mechanical crossover. A 5,000 cps Electrical crossover equipped with brilliance control channels high frequencies into a compression-driver tweeter; incorporating a rigid die-cast flared hyperelliptical horn, a 1" diameter aluminum voice coil and diaphragm in a self-aligning assembly with air chamber and phase equalizer.

SPECIFICATIONS: Frequency Response: 30-20,000 cps, Fundamental Cone Resonance: 35 cps, Power Handling Capability: 25 watts, Magnet: 1 3/4 lb. Ceramic; Voice Coil: 1 3/4" diameter; Crossover: Mechanical at 2,000 cps. Electrical at 5,000 cps; Impedance: 16 ohms. Shpg. wt., 10 lbs.

SK-217W Lafayette Cavalier 12 Mark II Net 39.95

LAFAYETTE SK-217 CAVALIER MARK II 12" 3-WAY SPEAKER

WITH 1 3/4 LB. MAGNET AND FAMOUS ELIPTOFLEX ENCLOSURE

74⁵⁰
NO MONEY DOWN

VALUE COMBINATION!

- Get the most in both value and performance with these speaker/cabinet combinations. Lafayette's famous Eliptoflex bookshelf enclosure assures you of top performance for your SK-217 Cavalier 12 speaker. Enclosures finished on all four sides for vertical or horizontal placement. Your choice of fine finishes. Size: 14Hx23 3/4Wx13-5/11"D. Shpg. wt., 34 lbs.
- SY-445WXM SK-217 & Eliptoflex in Mahogany Net 74.50
 - SY-446WXM SK-217 & Eliptoflex in Walnut Net 74.50
 - SY-447WXM SK-217 & Eliptoflex in Blonde Net 74.50
 - SY-448WXM SK-217 & Eliptoflex in Oiled Walnut Net 74.50
 - SY-449WXM SK-217 & Eliptoflex in Unfinished furniture grade birch Net 67.50



LAFAYETTE CRITERION ELIPTOFLEX SPEAKER CABINET WITH YOUR CHOICE OF THE SK-210 SOVEREIGN 12 or SK-217 CAVALIER 12 MARK II SPEAKERS

AS LOW AS

94⁵⁰

NO MONEY DOWN

- Now Lafayette's renowned Eliptoflex enclosure in a new decorator inspired form. Incorporates the same inner construction and acoustic principles that have made Eliptoflex performance famous. Size: 32 1/2 H x 18 D x 16" W.
- SY-425WXM Walnut finish with SK-210 Shpg. wt., 65 lbs. Net 102.50
 - SY-426WXM Oiled Walnut finish with SK-210 Shpg. wt., 65 lbs. Net 102.50
 - SY-427WXM Mahogany finish with SK-210 Shpg. wt., 65 lbs. Net 102.50
 - SY-450WXM Walnut finish with SK-217 Shpg. wt., 60 lbs. Net 94.50
 - SY-451WXM Oiled Walnut finish with SK-217 Shpg. wt., 60 lbs. Net 94.50
 - SY-452WXM Mahogany finish with SK-217 Shpg. wt., 60 lbs. Net 94.50

NEW! LAFAYETTE SK-215 3-WAY 15" HI-FI SPEAKER

Custom Built in England

to Lafayette's Rigid Specifications

- Massive 5 lb. Ceramic Magnet • Free-Edged Cone Suspension • 3-Inch Long Main Voice Coil • 12 DB/Octave Crossover Network with High Frequency Level Control • Precision Pressure-Driven Horn-Loaded Tweeter with Aluminum Diaphragm & Coil



64.50

FOR BUDGET TERMS
SEE PAGE 381

MONEY BACK GUARANTEE

YOU BE THE JUDGE

Try the SK-215WX for 30 days. If not completely satisfied, return it for full refund.

*1 Year Service Guarantee

Lafayette combined the finest British craftsmanship and advanced acoustic design to bring you this outstanding 3-way 15" speaker. The SK-215 utilizes a patented concentric twin-gap magnetic system with a massive 5 lb. Super efficient, double duty cylindrical ceramic magnet. Woofer, mid-range radiator and speaker are axially mounted to achieve unexcelled, efficient wide-range speaker performance. With a cone resonance of 25 cps, the woofer section is vacuum constructed by an exclusive process and features a virtually free-edged cone suspension that eliminates standing waves and surround resonances. An automatic mechanical crossover separates bass and mid-range frequencies at 2000 cps to a highly stable mid-range radiator. A 12 db per octave LC crossover network

provides smooth transition at 5000 cps from mid-range to a precision pressure-driven horn-loaded tweeter employing an aluminum diaphragm and coil in a self-aligning assembly with air chamber and phase equalizer. This crossover has a high frequency constant impedance L-pad level control for matching of sound to room acoustics and individual listening tastes. SPECIFICATIONS: Cone Resonance, 25 cps; Overall Frequency Response, 20-20,000 cps; Magnet Weight, 5 lbs.; Magnetic Flux Density, over 250,000 Maxwells; Crossover Frequencies, 2000 and 5000 cps; Power Capacity, 50 watts; Woofer Voice Coil Diameter, 3 inches; Tweeter Voice Coil Diameter, 1 inch; Impedance, 16 Ohms. Dimensions: 6 1/2" overall depth; 15 1/4" diameter. SK-215WX Shpg. wt., 30 lbs. Net 64.50

*Repairs which become necessary due to manufacturing defects will be made by Lafayette at no charge during the Guarantee period.

NEW! LAFAYETTE SK-216 3-WAY 12" HIGH FIDELITY SPEAKER

Custom Built in England

To Lafayette's Rigid Specifications

- Massive 5 lb. Ceramic Magnet • Free-Edged Cone Suspension • 3-Inch Long Main Voice Coil • 12 DB/Octave Crossover Network with High Frequency Level Control • Precision Pressure-Driven Horn-Loaded Tweeter with Aluminum Diaphragm & Coil

Pride of British craftsmanship, coupled with Lafayette's rigid engineering specifications brings you a loudspeaker which incorporates features usually found only in much higher-priced units. The SK-216 features an exclusive patented concentric twin-gap magnetic system with a massive 5 lb. super efficient double duty cylindrical ceramic magnet. The three elements—woofer, mid-range radiator, compression tweeter—are axially mounted to achieve unparalleled, smooth wide-range speaker performance. The woofer section has a cone resonance of 35 cps, is vacuum constructed by an exclusive process, and features a plastic terminated, free-edge cone suspension completely eliminating standing waves and surround resonances. At 5000 cps, a 12 db per octave LC crossover network provides smooth transition from mid-range to a pre-

cision pressure-driven horn-loaded tweeter which employs an aluminum coil and diaphragm in a self-aligning assembly with air chamber and phase equalizer. This crossover is provided with a high frequency constant impedance L-pad level control for matching of sound to room acoustics and individual listening tastes. SPECIFICATIONS: Cone Resonance, 35 cps; Overall Frequency Response, 20-20,000 cps; Magnet Weight, 5 lbs.; Magnetic Flux Density, over 250,000 Maxwells; Crossover, automatic mechanical at 2000 cps—12 db/octave LC at 5000 cps; Power Capacity, 50 watts; Woofer Voice Coil Diameter, 3 inches; Tweeter Voice Coil Diameter, 1 inch; Impedance, 16 ohms. Dimensions: 5 1/2" overall depth; 12 1/4" diameter. Shpg. wt., 25 lbs. SK-216WX

*Repairs which become necessary due to manufacturing defects will be made by Lafayette at no charge during the Guarantee period.

ONLY
57.50

BUY ON TIME
SEE PAGE 381



MONEY BACK GUARANTEE

YOU BE THE JUDGE

Try the SK-216WX for 30 days. If not completely satisfied, return it for full refund.

*1 Year Service Guarantee



22.50
NO MONEY DOWN

SK-146

the Revolutionary

LAFAYETTE

Sphericon

HIGH FREQUENCY SUPER TWEETER

- Frequency response from 3,000 cps to beyond 40,000 cps • Uniform dispersion over 120 degrees in all directions • High-sensitivity allows use with any 4-16 ohm speaker • Requires no high voltage or power supply • Built-in 3,000 cycle crossover network

DISCOVER . . . A RANGE AND PURITY OF HIGH FREQUENCY RESPONSE YOU NEVER DREAMED POSSIBLE FROM YOUR RECORDS OR SYSTEM!

Achieve unequalled brilliance and musical warmth from your present speaker system or the system you're now planning. The Lafayette Sphericon is an entirely new concept in tweeter design. Equipped with a built-in 3,000 cycle crossover network and featuring a specially designed domed phenolic diaphragm with spherical diffractor. The Sphericon produces a virtually linear response from 3,000 cps to beyond 40,000 cps, ± 2 db, to 22,000 cps. High frequencies are radiated in a 120° pattern in all directions, vertically as well as horizontally—with absolutely no trace of stridency or harshness. Unlike electrostatic tweeters the "Sphericon" is highly efficient and may easily be matched with any speaker or speaker systems . . . especially the low efficiency high compliance type. Precise matching of the "Sphericon" with today's low and medium efficiency speaker is accomplished by means of a special built-in attenuator designed not to affect or lower the efficiency of the woofer. As a result less amplification is needed assuring lower distortion. Power capacity is 30 watts. May be employed with any 4-16 ohm speaker. Beautifully styled with an acoustically designed gold anodized grille set in a sturdy satin black plastic case. Dimensions: 9Wx4Hx2 1/2"D. Shpg wt., 4 lbs. SK-146 LAFAYETTE SPHERICON SUPERTWEETER Net 22.50

REVOLUTIONARY ACOUSTICAL DESIGN FEATURES

SPHERICAL DIFFRACTOR
Increases acoustic loading on the diaphragm and results in an unequaled sound dispersion.

DOMED PHENOLIC DIAPHRAGM
Extremely rigid—constructed of special plastic impregnated cloth providing an extremely high stiffness to mass ratio.

THE SPHERICON MATCHES PERFECTLY WITH ANY SPEAKER SYSTEM

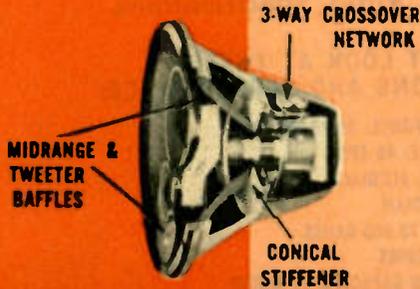
The "Sphericon" is perfect for use with the new high compliance bookshelf speaker systems. Built-in Attenuator permits matching with any low efficiency speaker system.



THE LAFAYETTE TRIHELIX®

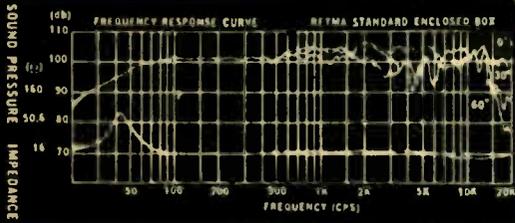
3 Completely Independent Speakers With 3 Separate Voice Coils In a Single Compact Unit

An Exciting NEW Concept In Speaker DESIGN



32.50

UP TO 24 MONTHS TO PAY SEE PAGE 381



- Frequency Response 20 to 20,000 cps (30-18,000 cps \pm 3 db)
- Revolutionary "Conical Stiffener"
- Eccentric Baffle Mounting of Midrange & Tweeter Eliminates Interaction Between Speaker Cones
- Built-in Crossover Network and Brilliance Control
- Extremely Efficient
- High Excursion Woofer
- Ideal For Stereo

*
a superb 10-inch 3-way speaker designed expressly for use with bookshelf enclosures.

Recreates The Entire Audio Spectrum With Concert Hall Faithfulness—The Lafayette "Trihelix" represents a major breakthrough in three way speaker design. Fresh engineering concepts have resulted in a single 10-inch speaker designed expressly for use in bookshelf size enclosures, that delivers a quality of performance with the unmistakable feel, presence and clarity of a 3-way speaker system. The "Trihelix" is in effect a complete three-way high-fidelity speaker system, with three mechanically and electronically independent speakers mounted within a single 10-inch frame. Although they are individual units the 2-inch tweeter and 5-inch midrange speakers have been especially designed to compliment the woofer. Special treatment of the cones and cone edges with polyester resins provides an even distribution of mid and high frequencies without peaks or resonances. To minimize interaction between the three cones both the midrange and tweeter units are mounted eccentrically or off center in relation to the woofer. In addition the midrange and tweeter are completely enclosed by a specially designed baffle. These unusual design features result in effectively eliminating intermodulation distortion due to interaction between woofer, midrange and tweeter cones—a common

fault in conventionally designed 3-way speakers. The specially treated woofer cone employs a revolutionary "conical stiffener" located at the apex of the cone in order to stiffen the diaphragm and eliminate "breakup," thus providing a true piston action. This carefully designed cone-stiffening procedure, in addition to its very high compliance, enables the woofer to deliver a smooth, crisp, solid bass that balances naturally against a crystal clear midrange and natural treble. A built-in electrical crossover network with crossover points at 1500 cps and 5000 cps, allows each speaker to reproduce its portion of the audio range smoothly and efficiently. An adjustable brilliance control permits matching of sound to room acoustics. SPECIFICATIONS: Overall Response 20-20,000 cps (30 to 18,000 cps \pm 3 db). Free Air Resonance 35-55 cps. Impedance 16 ohms. Power Rating: 20 watts Average Program Material. Crossover Points: 1500 & 5000 cps. Overall Diam: 10". Overall Depth: 7". Baffle cut-out: 8 7/8". Screw type terminals are color coded for quick easy connection of amplifier leads. Shpg. wt., 8 lbs. Imported
SK-180 10" Lafayette "Trihelix" Net 32.50
SB-62W Adaptor Board To Fit SK-180 To 12" Cutout Net .89

LAFAYETTE ELIPTOFLEX® BOOKSHELF ENCLOSURE WITH SK-180 10" TRIHELIX 3-WAY SPEAKER



66.50

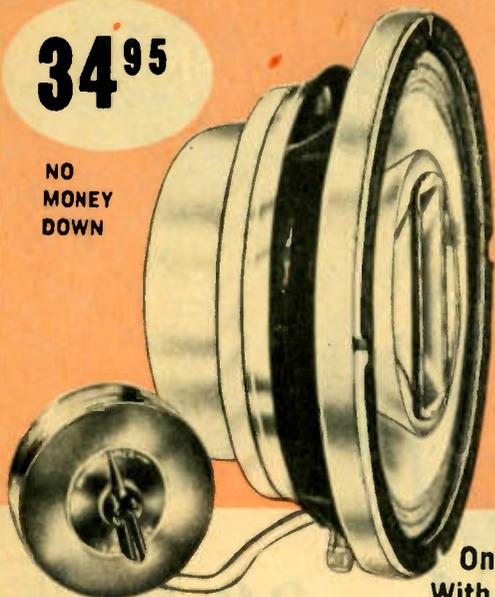
An ideal combination of speaker and enclosure that furnishes optimum 3-way speaker performance. Eliptoflex enclosures are finished on all four sides for vertical or horizontal placement. Shpg. wt., 32 lbs.

| | |
|-----------------------------|-----------|
| SY-398WX Mahogany | Net 66.50 |
| SY-399WX Walnut | Net 66.50 |
| SY-400WX Blond | Net 66.50 |
| SY-401WX Oiled Walnut | Net 66.50 |

NOW FROM LAFAYETTE... THE "BIG 8"

34⁹⁵

NO
MONEY
DOWN



Only 8" Speaker
With 1 3/4 lb. Magnet

LAFAYETTE'S "BIG 8" — The remarkable quality and performance of this new speaker provide it with the largest 8" of sound we've ever heard! With almost uncanny ability, the SK-212 easily re-creates the entire musical spectrum from 35 to 40,000 cps; achieving a standard of natural balance distortionless performance and superb transient response normally associated with larger costlier speakers. Every musical tone is there — from powerful orchestral passages and deepest organ tones to the most delicate of solos.

Precision engineered to meet Lafayette's uncompromising specifications and constructed by master English craftsmen, the SK-212 incorporates the design and construction features you'd expect to find in the finest speakers. This excellence of design is best demonstrated by its 3 inch voice coil, 1 3/4 lb. Alcomax magnet, and special "rigidflex" free edge cone suspension. Woofer, midrange radiator and tweeter are axially mounted to provide wide range speaker performance. A mechanical crossover separates bass and midrange frequencies at 2,000 cycles while 5,000 cycle electrical crossover provides a smooth transition from midrange to a newly developed compression driver tweeter. A high frequency level control allows matching of sound to individual taste and room acoustics. Shpg. wt., 11 1/2 lbs.

SK-212..... Net 34.95

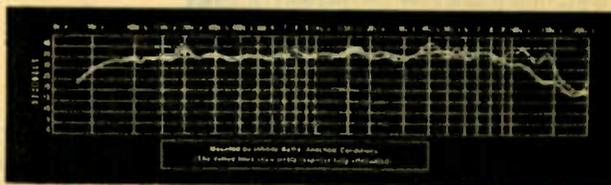
THE LAFAYETTE SK-212 . . .

A new 8-Inch 3-Way High-Fidelity Speaker
with Performance and Capabilities
of a 12-Inch Speaker

*Precision Crafted in England
to Lafayette's Rigid Specifications*

**ONLY 8", BUT LOOK AT THESE
SPECIFICATIONS AND PERFORMANCE:**

- FREQUENCY RESPONSE: 35-20,000 CPS
- CONE RESONANCE: 45 CPS
- MAGNET: 1 3/4 LB. ALCOMAX
- VOICE COIL: 3" DIAM.
- FLUX DENSITY: 175,000 GAUSS
- IMPEDANCE: 16-OHMS
- POWER HANDLING CAPACITY: 25-WATTS
- 2,000 CPS MECHANICAL CROSSOVER 5000 CPS ELECTRONIC
- CROSSOVER WITH BUILT-IN BRILLIANCE CONTROL
- SPECIALLY DEVELOPED "RIGIDFLEX" FREE EDGE CONE SUSPENSION
- DIE-CAST FRAME
- NEW COMPRESSION - DRIVER TWEETER



NEW!

LAFAYETTE 8" 3-WAY HI-FI SPEAKER

PAY LESS FOR HIGHER QUALITY-PERFORMANCE

24⁵⁰

NO MONEY
DOWN

- Frequency Range: 40-20,000 cps • Magnet System: 1 lb. • Voice Coil: Aluminum • Impedance 16 Ohms • Power Handling Capacity: 20 Watts • 3-Concentric Radiators • Unique Wide-Angle Compression Lens Tweeter • Special "Rigidflex" Free Edge Woofer Cone • Built-in Brilliance Control • Die-Cast Frame

MADE IN ENGLAND TO OUR SPECS!

For Stereophonic and Monophonic Systems

The Lafayette SK-213 has been specially designed for us in England to reproduce sound with true fidelity without compromise. It is a complete 3-way system, composed of 3 concentric radiators. The "Rigidflex" bass and midrange radiators accurately reproduce frequencies of from 40 to 5,000 cps. The new wide-angle compressor lens tweeter extends the frequency range from 5,000 on up to 20,000 cycles. Here is a speaker capable of a standard of performance previously associated with much larger and more elaborate loud-speaker equipment. Deluxe features such as an aluminum voice coil, heavy 1 lb ceramic magnet system and rigid nonresonant die-cast frame demonstrate the unique marriage of Lafayette custom specifications

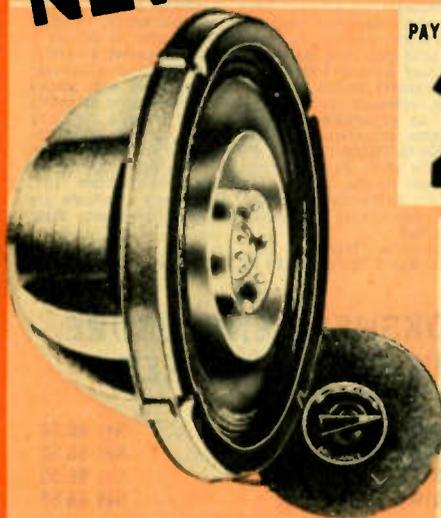
and quality English craftsmanship. Small size makes it an ideal choice for mounting in the famous Lafayette "Mini-duct" bookshelf enclosure. Use it in pairs for finer stereo reproduction anywhere in your home. A built-in bass-treble attenuator makes it possible to "customize" the SK-213's sound to your individual requirements. Baffle Hole dia., 7"; Front to back dimension, 3 3/4".

SK-213 Shpg. wt., 6 lbs. Net 24.50

SK-213 3-WAY SYSTEM with MATCHING "MINI-DUCT" ENCLOSURES FINISHED ON ALL 4-SIDES

SY-438WX Mahogany Net 46.95

SY-439WX Walnut Net 46.95

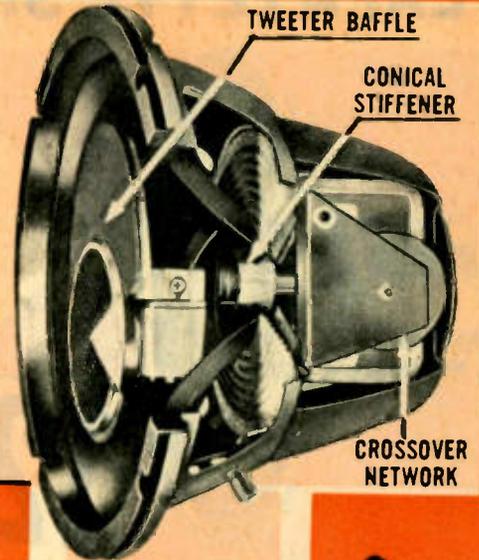


LAFAYETTE

ULTRA-LINEAR SK-128™ FULL RANGE 8-Inch BIAXIAL SPEAKER with Acoustic Tweeter Baffle Design

The SK-128 combines the best features of a multiple speaker system in one compact and economical unit. It offers full, even coverage of the entire audible range, with no distortion or coloration to mar your listening pleasure. The specially treated woofer cone has a unique "Conical Stiffener" at the apex which, coupled with its high compliance, enables the cone to operate in a piston-like manner—delivering a clean, powerful bass response. The 2-inch tweeter has its own voice coil and magnetic field. Special treatment of cone and cone edge provides even distribution of the high frequencies, with no peaks or resonances. The unusual off-center mounting of the tweeter and its elliptical baffle minimizes interaction between tweeter and woofer and insures an overall response free of intermodulation distortion. Electrical crossover from the woofer cone to the tweeter unit is provided by a built-in network. An adjustable brilliance control permits matching of sound to room acoustics. Efficiency of the speaker is such that it will operate from any amplifier with an output of 1 watt or more. Installed in a bass-reflex type of enclosure, it performs outstandingly, and is recommended for all high-quality music systems—whether monaural or stereophonic. SPECIFICATIONS: Overall Response: 20-20,000 cps (40-16,000 cps \pm 3 db). Free air Resonance: 45-65 cps. Impedance: 8 ohms. Power Rating: 20 watts Integrated Program Material. Crossover: 2,500 cps. Overall Diam. 8 $\frac{1}{2}$ ". Overall Depth: 5 $\frac{1}{2}$ ". Baffle cut-out: 7 $\frac{1}{2}$ ". Rugged, vibration-free speaker frame with color-coded screw-type terminals for quick, easy connection of amplifier leads. Shpg. wt., 5 lbs. Imported

SK-128 Full Range 8" Biaxial Speaker.....Net 19.50



Tweeter with baffle

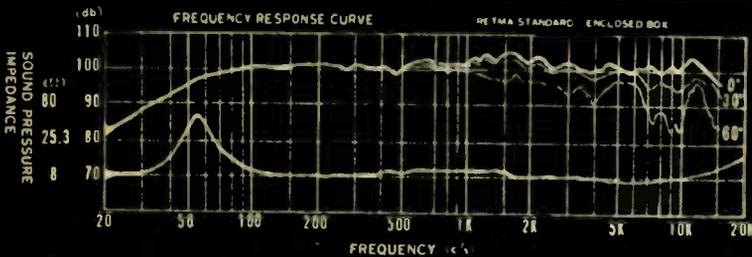


Polyester resin tweeter edge treated

- 20 TO 20,000 CPS (40 TO 16,000 CPS \pm 3 DB) ■ HIGH EFFICIENCY
- HIGH EXCURSION WOOFER WITH UNIQUE "CONICAL STIFFENER"
- HANDLES HEAVY BASS PASSAGES WITHOUT "DOUBLING"

19⁵⁰

Eccentric Tweeter Mounting & Unique Elliptical Baffle Completely Eliminates Interaction Between Woofer & Tweeter



LAFAYETTE MINI-DUCT™ BOOKSHELF ENCLOSURE WITH SK-128 8" ULTRA-LINEAR SPEAKER

The perfect answer for those who demand realistic sound reproduction even where space is limited. Two of these systems are ideal for stereo. Beautifully finished on all 4 sides for horizontal or vertical placement. Shpg. wt., 28 lbs.

- SY-453WX Speaker System in Walnut Net 39.50
- SY-455WX Speaker System in Oiled Walnut Net 39.50
- SY-454WX Speaker System in Mahogany Net 39.50
- SY-347WX Speaker System in Unfinished Birch —
For 3 Sided Finish Only Net 37.50

AS LOW AS

37⁵⁰

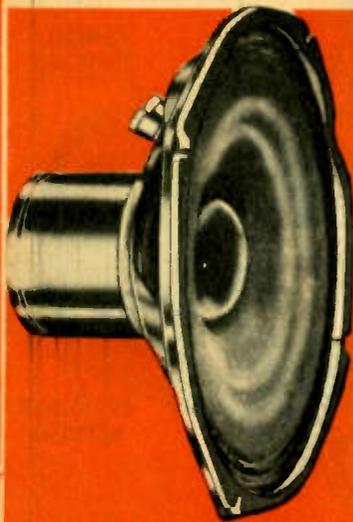


LAFAYETTE SK-130 8" WIDE-RANGE HI-FI SPEAKER

Made In England To Our Own Rigid Specifications

Check These Phenomenal Specifications

- ✓ Frequency Response: 40-18,000 cps
- ✓ Magnet Weight: 1 lb. High Efficiency Alcomax Magnet
- ✓ Flux Density: 13,500 Maxwells
- ✓ Power Handling Capacity: 15 Watts
- ✓ Cone Resonance: 55 cps
- ✓ Voice Coil: 1 Inch
- ✓ Impedance: 16 Ohms



12⁹⁵

ASTONISHING FIDELITY from a speaker of this size and modest price. Designed and finished with typical British craftsmanship, the SK-130 features an especially designed hyperbolic cone with a plastic surround suspension for wide compliance performance. Bass response is robust and full bodied, while the midrange and highs are virtually transparent, with never a trace of shrillness or harshness. The excellent wide-range response of the SK-130 make it ideal for stereo when used in pairs or perfect for use as a high quality extension speaker. Overall Diam. 8 1/4" x 4" Deep. Baffle cut-out 7 1/8". Rigid vibration-free frame is equipped with screw type terminals. Imported SK-130 Shpg. wt., 3 lbs. Net 12.95

FAMOUS LAFAYETTE MINI-DUCT™ BOOKSHELF ENCLOSURE WITH SK-130 8" WIDE-RANGE SPEAKER

MINIDUCT

A combination that rivals the performance of much larger speaker systems. This fine enclosure assures optimum performance from the SK-130. Only 23Wx11 1/2Hx11 1/4"D—ideal for mounting in a bookcase or record shelf. Finished on 4 sides in a variety of fine furniture finishes. Shpg. wt., 27 lbs.

| | |
|--|-----------|
| SY-420WXM Mahogany | Net 36.95 |
| SY-421WXM Walnut | Net 36.95 |
| SY-458WXM Oiled Walnut | Net 36.95 |
| SY-415WXM Unfinished for 3-Sided Finish only | Net 33.95 |

AS LOW AS
33⁹⁵
NO MONEY DOWN



VERY SMALL IN SPACE
LESS THAN 1 CU. FT.

LAFAYETTE'S ULTRA-COMPLIANCE SK-124 2-WAY SPEAKER SYSTEM

Absolutely Gigantic Performance!

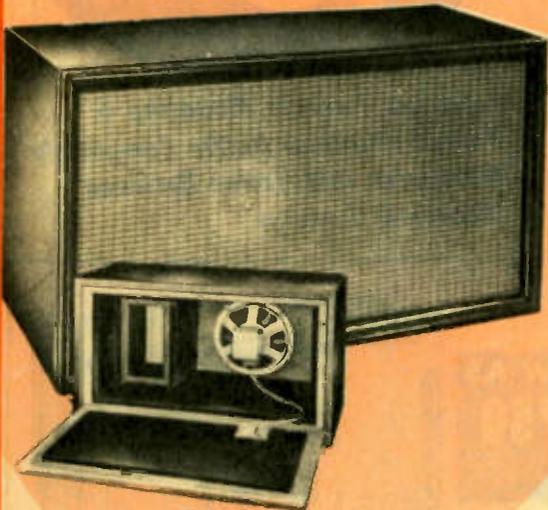
AS LOW AS
19⁹⁵

- Frequency Response 40-16,000 cps
- Especially Designed Vented, Tuned Duct Type Enclosures
- Unique Mechanical 2-Way Speaker With Extra Heavy Magnet
- Enclosure Finished on 4 sides
- Excellent For Stereo

FULL SIZE PERFORMANCE — This outstanding Lafayette Ultra-Compliance 2-way speaker system achieves a purity of sound and musical quality that is astounding from a speaker system occupying less than one cu. ft. of space. A perfect speaker for use anywhere in your home or office . . . makes ideal extension units or use in pairs for stereo. The speaker features a unique dual cone with an extra heavy magnet structure, employed in a specially designed tuned ducted port enclosure. Both tweeter and woofer "float" on flexible, corrugated edges, with the outer edge of the tweeter-cone attached to the mid-section of the woofer. This results in a mechanical crossover so that both cones operate in phase at low frequencies, but only the tweeter cone radiates high frequencies. The same type of wide-range frequency response is achieved that normally is found only in true coaxial or multiple speaker systems. Frequency response is 40-16,000 cps — Impedance: 8-16 ohms.

Available in rich mahogany, walnut, or oiled walnut. Finished on four sides — place it horizontally on its side or vertically on its base. Easily adapts to bookshelf placement or modular use. Dimensions are only 10 3/8Hx18 1/2Lx8 7/8"D. Shpg. wt., 15 lbs. Imported.
Lafayette Ultra-Compliance 2-way Speaker System.
SK-124WX Mahogany or Walnut (Specify Finish)

| | |
|--|-----------|
| SK-124WX Oiled Walnut | Net 19.95 |
| Set of Two SK-124 Systems for Stereo | Net 23.95 |
| Set of Two SK-123 Systems for Stereo | Net 38.90 |
| Set of Two SK-123 Systems for Stereo | Net 46.90 |



LAFAYETTE'S Amazing MINI-DUCT™

SPEAKER ENCLOSURE

A universal ducted-port bookshelf enclosure engineered for use with 1, 2 or 3-way speaker systems.

- SOLIDLY CONSTRUCTED OF 3/4" WOODS • START WITH A SINGLE SPEAKER AND BUILD INTO A 2- OR 3-WAY SYSTEM LATER
- ACOUSTICALLY LINED THROUGHOUT
- AVAILABLE IN A VARIETY OF 4-SIDED FINISHES

Now limited space need not necessarily mean limited sound. The Lafayette Mini-Duct is acoustically designed to achieve smooth, distortion-free reproduction with a remarkably full, clean extended bass response that gives no indication as to its small size. Reducing boards are supplied so that the Mini-Duct will accept an 8" Woofer, 6" Mid-Range and a variety of tweeters. This versatility makes it possible to start with an 8" speaker and eventually build into a 2-way or 3-way speaker system. Solidly constructed of 3/4" woods the Mini-Duct is beautifully finished in a variety of fine veneers on 4 sides. Designed for attractive horizontal or vertical placement anywhere in your home with dimensions 23Wx11 1/2Hx11 1/4"D. Shpg. wt., 23 3/4 lbs.

| | | |
|-----------|--|-----------|
| CAB-106WX | WALNUT | Net 24.95 |
| CAB-105WX | MAHOGANY | Net 24.95 |
| CAB-155WX | OILED WALNUT | Net 24.95 |
| CAB-51WX | UNFINISHED BIRCH For 3-Sided Finish Only | Net 21.50 |

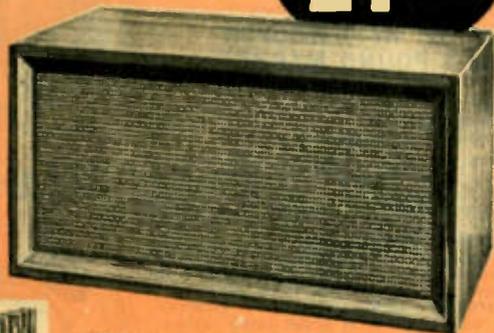
SPEAKER AND ENCLOSURE COMBINATIONS

A PERFECT COMBINATION: The "Mini-Duct" enclosure and the famous Lafayette SK-98 8" mechanical 2-way speaker with patented dual cone construction. This speaker combined with the Lafayette "Mini-Duct" enclosure will give the same wide-range frequency response (40-16,000 cps) normally found only in the coaxial speakers or multiple speaker systems. Shpg. wt., 29 1/2 lbs.

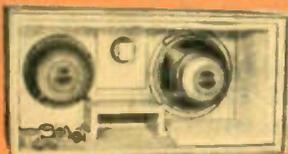
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|---|-----------|
| COMBINATION UNFINISHED "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER | Net 31.25 |
| SY-348WX | Net 31.25 |
| COMBINATION MAHOGANY "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER | Net 34.25 |
| SY-377WX | Net 34.25 |
| COMBINATION WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER | Net 34.25 |
| SY-378WX | Net 34.25 |
| COMBINATION OILED WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER | Net 34.25 |
| SY-456WX | Net 34.25 |

NO MONEY DOWN

AS LOW AS
21.50



MINI-DUCT BOOKSHELF ENCLOSURE



Mounting boards accept all types of tweeters

AS LOW AS
31.25

NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 381



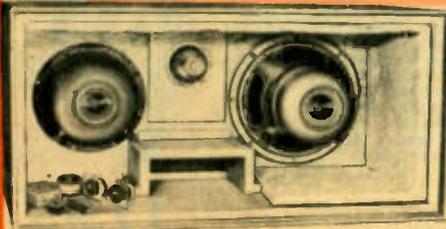
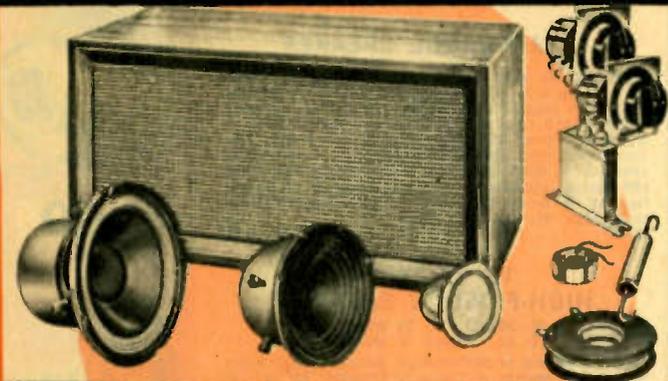
SK-98

If true-fidelity in music is important to you

LAFAYETTE HIGH COMPLIANCE 3-WAY BOOKSHELF SPEAKER SYSTEM IN FAMOUS MINI-DUCT™

- FREQUENCY RESPONSE FROM BELOW 35 to 18,000 CPS.
- ADVANCED DESIGN 8" HIGH COMPLIANCE WOOFER WITH 1 LB. MAGNET & 1 1/4" VOICE COIL, PLUS 6" MIDRANGE PLUS 3" TWEETER
- 3-WAY LC ELECTRONIC CROSSOVER NETWORK
- PERFECT FOR STEREO
- IN AMAZING MINI-DUCT ENCLOSURE FINISHED ON ALL FOUR SIDES

Lafayette designers have succeeded in achieving a standard of performance formerly associated only with very large speaker systems. The Lafayette Mini-Duct bookshelf enclosure is employed with advanced Hi-Compliance speaker design—both enclosure and speakers have been carefully engineered and matched in efficiency for a precise musical blend and balance. An unusually full, clean low frequency response is provided by the specially designed 8" woofer—indeed the quality of bass response furnished by this unit is superior to systems many times its size and price. The Hi-Compliance woofer cone is suspended by a new type of fabric edging permitting extremely wide cone excursions; the true piston action of the cone plus the use of a 1 lb. magnet and 1 1/4" voice coil not only provide a high efficiency bass response but also serve to eliminate distortion and give excellent transient response. Both the 6" Midrange speaker and 3" Tweeter have completely sealed rear housings to prevent back radiation and interaction with the woofer. The 6 db per octave LC electronic crossover network crossing over of 750 cps and 5,500 cps employ separate balance controls for the midrange and tweeter, thereby providing precise control for balancing the speaker system to room acoustics and individual listening tastes. Handles up to 25 watts of integrated program material. Impedance 8-16 ohms. Dimensions are 23Wx11 1/2Hx11 1/4"D. Fine veneer finish on 4 sides. Complete with easy to follow speaker assembly instructions. Shpg. wt., 33 lbs.



AS LOW AS
46.95

NO MONEY DOWN

| | | |
|----------|---|-----------|
| SY-457WX | OILED WALNUT 3-WAY SPEAKER SYSTEM | Net 52.40 |
| SY-375WX | MAHOGANY 3-WAY SPEAKER SYSTEM | Net 52.40 |
| SY-376WX | WALNUT 3-WAY SPEAKER SYSTEM | Net 52.40 |
| SY-358WX | UNFINISHED BIRCH SYSTEM for 3-Sided Finish only | Net 46.95 |

LAFAYETTE HI-FI SPEAKERS AT POCKET BOOK PRICES



SK-93W*
8.75



SK-183
11.95



SK-134
3.25



SK-138*
5.25



SK-67W*
23.95



SK-68
15.50



NEW! DUAL DIAMETER MAGNETS

Remarkable new development of dual diameter (DD) directional grain Alnico V slug magnets, now in use in the new Boeing Jets. All Lafayette speakers on this page are equipped with DD magnets except*. Magnet weights shown are equivalents of conventional Alnico V.

12" COAXIAL HI-FI SPEAKER

12" Alnico V PM with 1" voice coil and heavy one-piece cone. Specially designed 3" Alnico V PM tweeter completes this combination speaker. Range 40 to 15,000 cps. Built-in high pass filter. Power rating: 12 watts. 6.8 oz. Alnico V magnet. Impedance 8 ohms. Shpg. wt., 8 lbs.
SK-93W* Net 8.75

12" THREE-WAY HI-FI SPEAKER

This new 3-way speaker answers the needs of many hi-fi enthusiasts. Featuring an 8 oz. dual-diameter magnet it has a frequency response of 35-17,500 cps. The elliptical tweeter gives improved sound dispersion over cylindrical types. Voice coil: diam-1 1/4", impedance-8 Ω. Plated steel frame finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 6 1/2 lbs.
SK-183 Net 11.95

NEW! 2 x 6" ELLIPTICAL TWEETER

A new wide-angle dispersion tweeter with frequency response from 2500-16,000 cps. Will handle up to 20 watts audio power. Voice coil diameter 3/4" with dual-diameter Alnico-V magnet. Built-in crossover. Because of small size, this speaker can be easily mounted in many existing baffles. Depth 2 1/4". Shpg. wt., 6 1/2 lbs.
SK-184 Net 3.25

6" MID-RANGE SPEAKER

An excellent mid-range direct-radiator type speaker for installation in 3-way or 4-way speaker systems. Gives clean, distortion-free reproduction at rated power. Features closed back to eliminate interaction with sound waves generated from other speakers in the same enclosure. Rated power handling capacity: 10 watts. Frequency response from 700 to 7000 cps. Magnet weight: 3.16 oz. Voice coil impedance: 8 ohms. Plated steel frame finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 3 lbs.
SK-138* Net 5.25

15" HI-FI WOOFER

● 2 LB. ALNICO MAGNET
● 20 TO 5000 CYCLES—35 WATTS
This efficient 15" low frequency woofer incorporates many exclusive features. For original equipment or replacement, it provides highly efficient extended low-frequency response. Ideal for assembling 2- and 3-way speaker systems. Handles 35 watts of audio power. Frequency response ± 2 db 20 CPS to 1000 CPS, and ± 5 db from 20 CPS to 5,000 CPS with proper baffling. Voice coil dia. 2", impedance 8 ohms. 31.5 oz. Alnico V magnet.* Finished in beautiful brown enamel. Cone is seamless type, permanently bound to voice coil. Has 4-way binding posts. Shpg. wt., 13 1/4 lbs. Cone Resonance 45 cycles
SK-67W* Net 23.95

12" HI-FI WOOFER

21.5 OZ. ALNICO V MAGNET—25 WATT
Provides efficient, extended low-frequency response of ± 5 db from 35 to 8000 CPS, and features 25 watts of power handling capacity. Perfect for high-fidelity installations or for modernization of older equipment. Ideal for assembling 2- and 3-way speaker systems at a budget price. Enclosed magnet structure—completely dust-proof. Compliance of outer cone and inner spider carefully calculated for best bass response. 21.5 oz. Alnico V magnet, 1 1/2" dia. voice coil, 8 ohm impedance. All exposed surfaces are finished in beautiful brown enamel. Has 4-Way binding posts. Cone Resonance 50 cycles. Shpg. wt., 8 lbs.
SK-68 Net 15.50

12" COAXIAL SPEAKER

Same construction, wattage and magnet weight as SK-135W (listed above right), except tweeter is 3 1/2".

NEW! 12" HI-FI WOOFER WITH 2 POUND MAGNET

- 30 Watts
- 20-2500 Cps
- 8 ohm Voice Coil Impedance
- Speaker resonance at 30 cps.

This sturdily constructed 12" Woofer is rated at a full 30 watts audio power. Frequency response from 20 to 2500 cps with the speaker resonant frequency at 30 cps. Quality construction techniques provide an accordion type, specially treated edging to add to cone life. Rugged cone construction prevents break-up. By using special wire material in the voice coil circuit, the chance of overheating is minimized. A heavy 2 lb. Alnico V magnet and 2" diameter voice coil permit uniform performance over the entire speaker excursion. Plated steel frame finished in brown baked enamel. Has 4 way binding posts. Shpg. wt., 10 1/2 lbs.
SK-182 Net 22.95

8" HI-FI WIDE RANGE SPEAKER

50-13,000 CPS

Answers the need for a good quality but moderately priced speaker with a range of 50-13,000 cycles. An extremely smooth single cone reproducer — ideally suited for HI-FI systems. Excellent for limited space—good overall balance—power handling capacity: 10 watts—6.8 oz. Alnico V magnet—frequency response: 50-13,000 CPS when properly baffled. Rim treatment on cone minimizes possibility of diaphragm distortion. Voice coil impedance: 8 ohms. Cone Resonance 85 cycles. Plated steel frame finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 4 lbs.
SK-69 Net 6.25

ECONOMY 8" COAXIAL HI-FI SPEAKER

● IDEAL WIDE-RANGE BUDGET SPEAKER ● PERFECT FOR STEREO ● RESPONSE 70-12,000 CPS ● BUILT-IN CROSSOVER ● 10 WATT RATING ● 3.16 OZ. MAGNET
A fine coaxial high fidelity speaker with built-in electronic crossover. Rated at 10 watts, with response of 70-12,000 cps. Rigid, non-resonant frame, high efficiency 3.16 oz. Alnico 5 magnet, specially-treated long life cone, and gasket-sealed magnet cover contribute to lfs fine performance. 8 ohm voice coil. Shpg. wt., 6 lbs.
SK-92 LAFAYETTE ECONOMY SPECIAL! Net 5.95

8" MID-RANGE SPEAKER

Ideal for use with tweeter and crossover networks to make up a 2- or 3-way system. This 8" mid-range speaker is capable of producing undistorted response down to 350 cps, the crossover frequency. Back is enclosed. Power handling capacity: 25 watts. Frequency response 350-13,500 cycles. Recommended to crossover at 5000 cycles to a tweeter. Cone resonance 150 cycles. Impedance: 8 ohms. Plated steel framed finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 4 lbs.
SK-74 Net 6.50

15" COAXIAL HIGH-FIDELITY SPEAKER

30-20,000 CPS—25 WATTS—10 OZ. ALNICO V MAGNET

Superb standard of performance throughout the audio spectrum. Consists of specially designed 15" woofer with a full 5" high-frequency tweeter, coaxially mounted, and 1 1/4" voice coil. Extra strong magnets are used in both units for highest efficiency and smoothest response. The 15" woofer gives the deep, rich bass notes for complete satisfaction. Frequency response: 30-20,000 CPS. Crossover frequency: 3500 CPS. Handling capacity: 25 watts, 35 watts peak; Impedance: 8 ohms. Rugged seamless cone, finished in attractive non-marking brown hammerloid enamel. Has 4-way binding posts. Shpg. wt., 13 lbs. Cone Resonance 45 cycles.
SK-135W Net 17.95

12" COAXIAL SPEAKER

Response: 40-20,000 cps. Cone resonance 50 cycles.
SK-136 Shpg. wt., 12 lbs. Net 14.95



SK-182
22.95



SK-69
6.25



SK-92
5.95



SK-74
6.50



SK-135W
17.95

LAFAYETTE SPEAKERS & SYSTEMS

LAFAYETTE 8" WOOFER

- Rated 20 watts • Free edge cone
- 14.7 oz. alnico V magnet
- High Compliance • 35 to 7500 cps



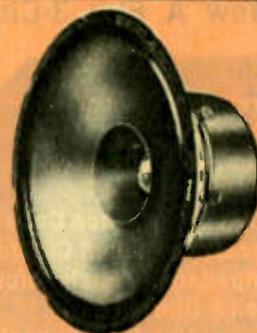
10⁹⁵

Ideal for 2 or 3 way systems where space is at a premium, this 8" woofer provides coverage from 35 to 7500 cps. The 14.7 oz. magnet is extraordinarily heavy for this size speaker insuring the efficiency needed for good clean response. Other features include free edge, high compliance cone, 20 watt power dissipation, voice coil dust cover. Cone resonance 50 cycles, 8 ohm V.C. Has 4-way binding posts. Shpg. wt., 4 1/2 lbs. SK-164

Net 10.95

NEW! 12" WIDE-RANGE HI-POWER HI-FI SPEAKER

- Ideal For P.A. Work
- 21.5 OZ. ALNICO 5 MAGNET • RATED AT 30 WATTS • RESPONSE 20-14,000 CPS • SEAMLESS CONE • SPECIAL HEAVY-DUTY CONSTRUCTION



ONLY
14⁹⁵

Incorporating a full 21.5 oz. magnet of high-flux density Alnico 5, this new wide-range 12" PM high fidelity speaker is rated at 30 watts and is excellent for use with any hi-fi system. With proper baffling, frequency response is 20 to 14,000 cps. Special constructional features include a 1 1/2" voice coil; epoxy bonding of the voice coil to the seamless cone; completely dust-proof enclosed magnet structure; fibre-to-metal bonds made with heat under extreme pressure; heavy cast-metal frame; metal parts heavily cadmium-plated, with exposed surfaces covered with a handsome mar-resistant hammer-rod finish. Voice coil impedance 8 ohms. Outside diameter 12 3/4", mounting diameter 11 1/4", depth 6 3/4". Color-coded 4-way binding-post terminals. Shpg. wt., 7 lbs. SK-137

Net 14.95

ROYAL DANISH 12" DUAL CONE SPEAKER

- HIGH FLUX DENSITY



Lafayette brings you this fine imported high fidelity speaker at a fraction of the price you would expect to pay for so much quality. Two cones are mounted on a single axis, and provide remarkable wide range frequency response from 45 to 14,000 cps. Reproduction of program material is exceptionally lifelike throughout the entire range. An exclusive, special formula cone rim treatment eliminates cone rim resonance and distortion. Also, the damping effect improves transient response and prevents "hangover." Overall depth, 5 3/4". Completely enclosed. 1" diameter voice coil with an impedance of 6 ohms. Shpg. wt., 6 lbs. Imported SK-86. 12" Dual Cone Hi-Fi Speaker

Net 7.95

LAFAYETTE 8" EXTENDED RANGE SPEAKER

- 45 to 13,000 cps
- SKIVER ROLLED CONE FOR SMOOTH RESPONSE
- 3.16 OZ. NEW TYPE MAGNET



Here is a price buster for the budget-wise hi-fi music lover. This is an extended range domestic speaker whose high sensitivity is achieved through a new hi-efficiency magnetic circuit, ideally suited for medium and low level monaural or stereo reproduction. It has a 1" voice coil with 8 ohms impedance and will handle musical peaks of 10 watts. Size: O.D. 8 3/4"; Mtg. hole dimensions 7 1/4"; 3 1/2" deep; Brown enamel over heavily plated steel. 4-way binding posts. Shpg. wt., 2 lbs. SK-106

Net 4.95

5" TWEETER AND CROSSOVER NETWORK

A specially designed 5" Tweeter and Crossover Network that will assure high frequency response when used with any speaker you now possess. You can now make your present speaker into a 2-way speaker system increasing the high frequency range up to 15,000 cycles. Diagram included. Shpg. wt., 5 lbs.

Net 7.25

LN-1 Crossover Network only

Net 4.95

SK-35 5" Tweeter only

Net 2.45

LAFAYETTE SK-35



LN-1 CROSSOVER



LAFAYETTE MINIATURE HI-FI SPEAKER & ENCLOSURE

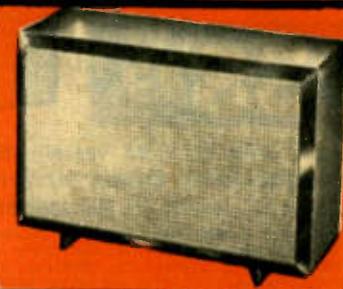
- ATTRACTIVE MAHOGANY FINISHED WOOD CABINET
- COMPLETE WITH 25 FEET OF CABLE

Enjoy music everywhere in your home with this amazing Lafayette miniature speaker system. Perfect as an extension speaker for your den, basement, kitchen or bedroom. Use two as extension speaker units for stereo or with your TV and Radio. Housed in a beautiful mahogany — finished wood cabinet with ventilated back cover, the 5-watt 4x6" speaker is designed to work from either 4 or 8 ohm outputs. System is supplied with 25 feet of cable which should meet any hook up requirement. Over-all size: 9 1/2 W x 7 3/4 H (inc. feet) x 3 1/4" D. Shpg. wt., 5 lbs. Imported

SK-109 Miniature Speaker System

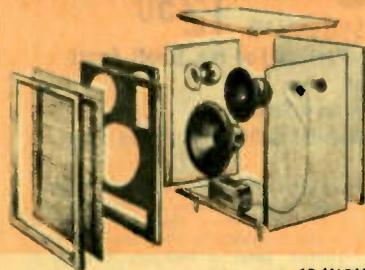
Net 6.95

6⁹⁵



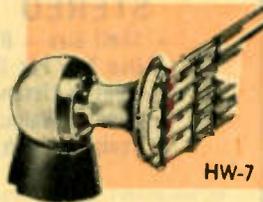
Famous 3-WAY SYSTEM

LAFAYETTE — BEST BUY 3-WAY SYSTEM with 15" WOOFER... 8" MID-RANGE SPEAKER... HORN TWEETER... CROSSOVER NETWORK



EXPLODED VIEW SHOWS HOW SYSTEMS MOUNT IN CABINET

CABINET NOT INCLUDED



HW-7



SK-74W



LN-5



SK-67W

55⁵⁰

NO MONEY DOWN BUY ON TIME SEE PAGE 381

- 15-INCH WOOFER WITH 31.5 OZ. MAGNET (SK-67W)
- 8-INCH MID-RANGE SPEAKER (SK-74W)
- NEW HIGH-FREQUENCY ACOUSTICAL LENS TWEETER (HW-7)
- 3-WAY CROSSOVER NETWORK (LN-5)

Lafayette presents this outstanding 3-way speaker system designed for the high fidelity enthusiast who desires performance formerly possible in multi-speaker systems costing many times this price. You won't believe your ears when you hear the superb reproduction throughout the entire audio spectrum. The SK-67W 15" woofer provides phenomenal bass response, the SK-74W 8" speaker delivers full bodied, mid-range frequencies,

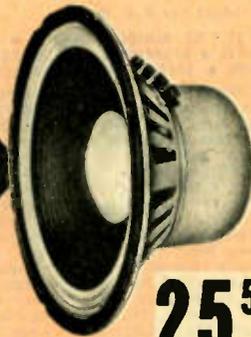
and the HW-7 high frequency acoustical lens tweeter faithfully reproduces the highest audible frequencies. Crossover points at 350 and 5000 cycles are provided by the LN-5 3-way inductance-capacitance network with continuously variable presence and brilliance controls that adjust tone balance to personal taste. Shpg. wt., 25 lbs. SY-93WXM Complete system as listed above

Net 55.50

LAFAYETTE 12" HIGH COMPLIANCE DUAL-VOICE COIL STEREO WOOFER

Now A Full 3-Channel Satellite Stereo System From Your 2-Channel Equipment

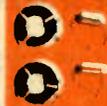
- Frequency Response 20-2500 CPS
- 2 Lb. Alnico V Magnet
- 2" Voice Coil
- High Compliance Cone Floats On Rolled Cloth Edges
- Impedance - Each Voice Coil 8-Ohms
- Power Handling Capacity 30-Watts



25⁵⁰

Acoustical studies have shown that low frequency response is not directional . . . indeed the stereo effect we hear is determined by frequencies above 350 cps. This dual-voice coil woofer features two electrically separate voice coils on a single woofer chassis. Each voice coil receives low frequencies from its respective stereo channel. Both of these signals are blended through the single woofer cone. This advance in woofer design now makes possible full 3-channel stereo from a normal 2-channel stereo amplifier, without any need for complicated costly control filters or adapter networks. Expand your present stereo system into 3-channel stereo with this new woofer or match it up with 2 other speakers for a full 3 channel stereo system. (The Lafayette SK-128 or SK-98 are recommended as ideal for this purpose). Shpg. wt., 10½ lbs. Net 25.50 SK-133

CROSSOVER NETWORK KIT



Designed for use with Lafayette Dual Voice Coil Woofer (listed above). Crossovers over at 350 cycles. Employs finest quality components. Complete with detailed pictorial instructions. Shpg. wt., 3¾ lbs. Net 7.26 KT-161



LAFAYETTE L PADS

Two necessary for controlling satellite level. L pad for 8 ohm circuits. Imported Shpg. wt., 6 oz. Net 1.39 VC-49

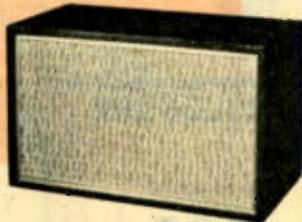
SENSATIONAL SPEAKER SYSTEM

JENSEN speakers + UNIVERSAL

WOODCRAFTERS Cabinet +

LAFAYETTE Low Prices =

THE SPEAKER SYSTEM BUY OF THE YEAR



Only 38⁹⁵

- Heavy 7-Ply Furniture Veneer Cabinets
- Fiberglass-loaded Cabinet for Better Bass Response
- Jensen 12" Woofer, 8" Midrange Driver, 3½" Enclosed Tweeter

Now you can get unparalleled speaker performance at a low, low Lafayette price — the most outstanding value of its kind in the industry. The Uni-Voice hi-fi speaker system is a thrilling blend of fully integrated, unified 3-speaker systems engineered by Jensen with specially developed Jensen components, with cabinetry by Universal Woodcrafters. Contains special 12" woofer; 8" midrange driver independently pneumatically damped in its own hermetically enclosed acoustic surroundings, completely separated from woofer cavity; 3½" fully enclosed, independently baffled tweeter. Woofer electric crossover at 600 cycles, midrange electric crossover at 2000 cycles. Impedance 8 ohms. Response: 35-18,000 cycles.

MODEL UV-30. Bookshelf enclosure finished on 4 sides. Speaker grille completely framed with brass inlay. 24Wx14½Hx13"D. Shpg. wt., 32 lbs. Net 38.95 SK-185WX Walnut finish

LAFAYETTE 6"x9" WIDE RANGE SPEAKER

- NEW HIGH SENSITIVITY MAGNETIC CIRCUIT
- 55 to 14,000 cps
- SPACE SAVER CONSTRUCTION

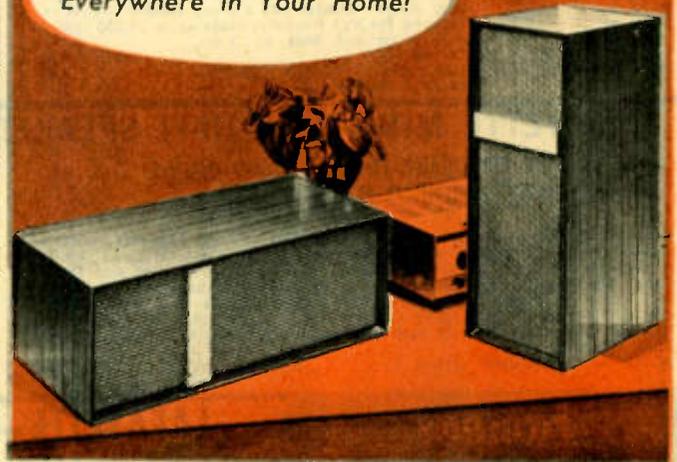
This hi-fi extended range speaker is definitely a must for add-on stereo application and lends itself to many new applications such as adding hi-fi to autos, TV, radio sets, and also where space limitations are paramount such as shelves, horizontal enclosures etc. This speaker consists of a special skiver rolled cone with a 1" voice coil with 8 ohm impedance which can handle musical peaks of 10 watts. The shell is of brown enameled heavy plated steel with a 3.16 oz magnet of new design which produces extra high sensitivity. It has an outside diameter of 6¾" x 9¾"; Mtg. hole dimensions are 4½" x 6¾"; Depth is 3¾". Has 4-way binding posts. Net 4.65 SK-107 Shpg. wt., 2 lbs.



4⁶⁵

LAFAYETTE "MINUETTE" HIGH-FIDELITY SPEAKER SYSTEM

Room Filling Music Everywhere in Your Home!



TWO FOR STEREO 23⁵⁰ SINGLY 12⁵⁰

- Shelf Size — 8¼Dx15¼Lx5¾"H
- Use Two For Stereo—Perfect For the Small Apartment or Listening Area
- Genuine Walnut Finish on 4 Sides
- Complete with 6' Extension Cable and Phone Plug

An exceptional speaker value . . . the Lafayette "Minuette" Hi-Fi Speaker System will bring music to any room in your home — and for a remarkably low cost. Designed for use where space is at a premium — ideal for the small apartment or listening area. Expand your stereo system to other areas of your home . . . easily used in the den, kitchen, patio or bedroom. Employs a specially designed 5x7" speaker in a rear loaded reflex type enclosure. Provides an exceptionally fine musical quality yet measures only 8¼Dx15¼Lx5¾"H — small enough to fit anywhere. Superb Walnut finish on 4 sides allows placing speaker horizontally or vertically. Frequency Response 100-12,000 cps. Impedance 8 ohms. Rated at 10 watts. Supplied with 6 ft. of extension cable and phone plug. Shpg. wt., 5½ lbs. Imported. Net 12.50 SK-181

Save — Buy two for stereo. Shpg. wt., 11 lbs. Set of two Net 23.50

LAFAYETTE

EXCLUSIVE CROSSOVER NETWORKS & TWEETERS



LN-5 **14⁹⁵**

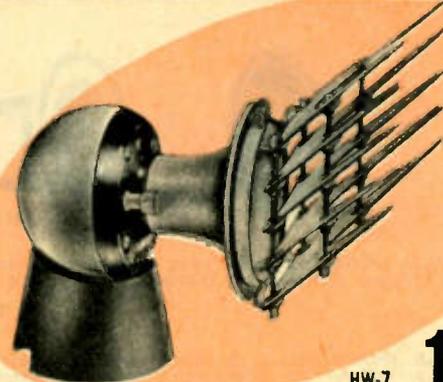
NEW! 2- and 3-way L/C CROSSOVER NETWORK

- 4 CROSSOVER FREQUENCIES: 350, 700, 2000-3000, 5000 CYCLES
- 6 CROSSOVER COMBINATIONS
- 2 OR 3 WAY CROSSOVER
- ATTRACTIVE METAL CASE
- BUILT-IN BRILLIANCE & PRESENT CONTROLS

This versatile unit can be used either as a 2-way or 3-way 6 db per octave network. You can use this network for a 2-way system now, easily and quickly convert to 3-way later. Six crossover combinations are available—2-way crossover with 2000-3000 cycle or 5000 cycle crossover, and 3-way with crossover frequencies of 350 and 5000, 350 and 2000-3000, 700 and 2000-3000 or 700 and 5000 cycles—a total of four different crossover frequencies! Suitable for 8-16 ohm speakers. The network is housed in an attractive metal case, suitable for mounting inside enclosure or leaving out in the open. Two level controls—Brilliance and Presence controls—are mounted on the front panel. If desired, these level controls may be removed, along with the beautiful gleaming copper escutcheon plate, for external mounting; controls are wired with 3-foot long leads. High quality components are used for long life and top performance. Shpg. wt., 6 lbs. Imported.

LN-5 Lafayette L/C Crossover

Net 14.95



HW-7 **14⁹⁵**

HIGH FREQUENCY TWEETER WITH ACOUSTIC LENS DIRECT IMPORTATION MAKES THIS PRICE POSSIBLE!

- FREQUENCY RESPONSE FROM 2000 CPS TO BEYOND AUDIBILITY
- LOUVRED ACOUSTIC LENS FOR UNIFORM SOUND DISPERSION
- HANDLES 25 WATTS OF POWER
- PRICED EXCEPTIONALLY LOW

A high frequency tweeter featuring a louvred acoustic lens for uniform sound dispersion and capable of handling up to 25 watts of distortion-free power. The directional tendency of high frequency notes is overcome by the natural wide dispersion angle of the short horn and acoustic lens which disperses and radiates the high notes smoothly throughout the entire listening area. The lens is detachable for panel mounting, with a separate base for the tweeter furnished for external mounting where desired. Aluminum voice coil has 16 ohms impedance. Size: 4 1/4" long x 3" diameter, lens extends 2 1/2". Requires a crossover network, preferably one with a level control, such as the LN-2. With full instructions. Shpg. wt., 5 lbs. Imported

HW-7

Net 14.95



LN-7



LN-1



LN-2B



HK-3



SK-214



SK-171

2 OR 3 WAY CROSSOVER NETWORK

- 4 CROSSOVER FREQUENCIES • L PAD BALANCE CONTROLS
- EASY TO USE • IMPEDANCE 16-OHMS

The LN-7 Crossover Network combines quality performance, beauty and versatility at an unbeatable price. It can be used in a two-way system by crossing over at 500 cps or 3300 cps, and in a three-way system by utilizing the two simultaneously. The change from a two-way to a 3-way 6 db per octave network may be accomplished easily. Two level balance controls. Size 5 7/8"x2 7/8"x2 3/4". Shpg. wt., 2 3/4 lbs. Imported

LN-7

Net 8.75

LAFAYETTE 2-WAY CROSSOVER NETWORK

- CROSSOVER AT 2000/3000 CYCLES
- 6 DB/OCTAVE ATTENUATION
- IMPEDANCE 8-16 OHMS

This Lafayette L/C network, ruggedly built and carefully designed, can be used to divide the audio frequency spectrum at 2/3 kc, as required by 2-Way multiple hi-fi speaker systems. Provides attenuation of 6 db per octave. You'll get quality performance at low cost. For 8-16 ohms systems. Enclosed metal case 3x2 1/2x3". Shpg. wt., 2 1/2 lbs.

LN-1

Net 4.95

LAFAYETTE 2-WAY CROSSOVER NETWORK ADJUSTS TO EITHER 2500 OR 5000 CPS CROSSOVER FREQUENCY

A carefully designed capacitive-inductive 2-way crossover network with crossover frequency easily set to either 2500 or 5000 cycles. Has a built-in continuously variable high-frequency "Brilliance" level control to match room acoustics perfectly. Control has a 2 1/2 ft. cable to mount on rear or side of speaker cabinet, and a long shaft for thick wood panels. Has an attractive brushed-gold finish escutcheon plate. For use with 8-16 ohm speakers. Easily accessible screw terminals. Metal case 5 7/8"x2 3/4"x2 3/4"D. Complete with simplified instructions. Shpg. wt., 5 lbs. Imported

LN-2B

Net 7.95

NEW LAFAYETTE-GOODMAN "DOME LENS" ULTRA HIGH FREQUENCY COMPRESSION TWEETER

- Omni-directional compression tweeter for 2, 3, and 4 way systems
- Has built in crossover at 3000 cps
- Handles frequencies from 5000 cps to beyond limits of human audibility
- Handles up to 30 watts of power

A new "Dome Lens" ultra-high frequency hemispherical compression tweeter made in England by fine British craftsmen. Designed to give full 360° sound dispersion, quality high frequency response of sharp transients and percussive sounds. Can be used to add brilliance to extended range speakers in 2 way systems. Ideal for super-tweeter applications in 3 & 4 way systems. When used in a complete system, this super tweeter can handle up to 30 watts of power. Capable of handling frequencies from 5000 cps. to beyond the limits of human audibility. Has built in crossover at 5000 cps. Voice coil impedance 8-16 ohms. Dimensions: 4Dx2 1/2" length. Shpg. wt., 1 1/2 lbs. Imported from England.

SK-214

Net 8.95

CONE TYPE METAL-CASED HI-FI TWEETER

- HANDLES 20 WATTS • FREQUENCY RESPONSE 2000-16,000 CPS
- An excellently designed cone type tweeter particularly efficient in the higher end of the audio spectrum where ordinary cone tweeters tend to lose clarity and volume. With this tweeter you will be able to hear all the fine transients and high notes of the higher frequencies. Entirely enclosed in metal case with base for standing by itself. Bracket is supplied for mounting in cabinet. Requires crossover network such as Lafayette LN-2. Diameter 3". Depth 2 3/4". Voice coil impedance 8-16 ohms.

HK-3 Hi-Fi Tweeter

Shpg. wt., 4 lbs. Imported

Net 5.95

NEW LAFAYETTE LOW COST HI-FI TWEETER

Frequency Response 3,000-20,000 Cps.

A low cost Hi-Fi tweeter designed for mounting in most existing baffles and cabinets. Reproduces high frequencies without losing clarity and volume. Even sound dispersion is insured by use of a round cone. Metal cased with completely sealed rear housing. Frequency response 3,000-20,000 cps. Diameter 2 3/4 inches. Depth 1 3/4 inches. Voice coil impedance 8 ohms. Shpg. wt., 1 lb. Imported.

SK-171

Net 2.25

Jensen HI-FI SPEAKER SYSTEMS

NEW 3-P SYSTEMS MAKES SOUND BETTER 7 WAYS

- 3-P Woofer Has Flat Plane Radiator—Efficient, 100% Effective Surface
- Five All-New Speakers Blend For Smooth, Full Frequency Range Coverage
- Improved Transient Response
- Two Layer Molded "Polytec" Woofer Piston Suppresses Vibrational Modes
- Woofer Piston diameter Precisely Proportioned to Match Enclosure Acoustics
- Tiny Beads Give "Polytec" Radiator (in all speakers) a Light, Interlocking, Rigid Cell Construction and Tough Surface
- Flat Piston and Shallow "Syntox-6" Ceramic Magnet Give Unusually Slim Cabinetry With Big Speaker Sound



MODEL 3-P/1 "SLIM SHELF" 5-SPEAKER, 4-WAY SYSTEM

- A new "slim shelf" system with advanced, full-size 3-P performance

Here's a brand new look for the popular "shelf" speaker system, with half the depth for a new, slim outline which simplifies placement and decor integration. Consists of a 3-P/W1 woofer with a 600 cycle crossover, a midrange speaker with a 4,000 cycle crossover, two tweeters with crossovers at 10,000 cycles, and an ultra-tweeter for 10,000 cycles and above. Includes H-F balance control. Total frequency range is 25 cycles to the upper hearing limit of the listener. A pair of "slim shelf" systems will provide the very finest stereophonic sound reproduction. Impedance, 8 ohms; power rating, 25 watts. Measures only 13 7/8" H x 25" W x 5 1/2" D. Selected oiled walnut veneer case with rattan grille and oak trim strips. Shpg. wt, 33 lbs.

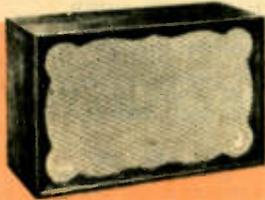
GB-229WX Net 119.50

3-P/2 "SUPERSLIM" 5-SPEAKER, 4-WAY PANEL SPEAKER SYSTEM

- Combines slimness with full-dimension performance
- Can be hung on wall

The 3-P/2 puts the accent on slimness in the extreme, while retaining the full-dimension performance of larger models. Only 3 3/8" in depth, this "superslim" system opens up exciting new possibilities in decor. Can be hung tastefully on a wall, placed where a speaker never could be before. Employs the same complement of 5 speakers as that in the 3-P/1, with H-F balance control. Impedance 8 ohms; frequency range, 25 cycles to the upper hearing limit. Selected oiled walnut veneer case with rattan grille and oak trim strips. Measures 28 3/8" H x 21 1/4" W x 3 3/8" D. Shpg. wt., 36 1/2 lbs.

GB-230WX Net 139.50



3-P3 "DECORATOR" 5-SPEAKER 4-WAY SYSTEM

A new 3-P speaker. In an outstanding collection of decorator furniture to blend with any interior. Place on shelf or any horizontal surface, or on floor with matching console base. Employs the same 5 speakers as in the 3-P/1 and 3-P/2 systems, with a frequency range from 20 cycles to beyond audibility. Includes H-F balance control. Impedance, 8 ohms; power rating, 25 watts. Can be driven by a 12-15 watt amplifier under most conditions. Dimensions: 16 1/4" H x 25 1/2" W x 11 3/8" D. Shpg. wt., 51 3/4 lbs.

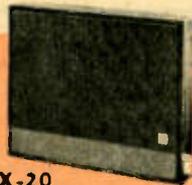
GB-233WX In Danish Walnut Net 159.50
 GB-234WX In Provincial Cherry Net 159.50
 GB-232WX In Traditional Mahogany Net 159.50
 GB-235WX Unfinished - 3/4" Gum Hardwood Net 129.50

FAMOUS T-F3 4-SPEAKER 3-WAY SHELF SYSTEM



A remarkable combination of value and high quality performance, the TF-3 features full bass, fine balance and complete frequency range. Components: 10" special woofer with 1 lb. Alnico-5 magnet, two special 3 1/2" midrange units, and the same ultra-tweeter as in the 3-P series. Crossover at 2,000 and 10,000 cycles; includes H-F balance control. Speaker power rating: 25 watts. Higher rated amplifiers adjusted for reasonable listening levels may be used; adequate living room sound may be obtained with a 10 watt amplifier. Impedance, 8 ohms. Dimensions: 13 1/2" H x 23 3/4" W x 11 3/8" D. Shpg. wt., 38 lbs.

GB-226WX Utility Unfinished Net 79.50
 GB-583WX In Contemporary Oiled Walnut Net 99.50
 GB-584WX In Decorator Walnut Net 109.50
 GB-585WX In Decorator Cherry Net 109.50



X-20



X-10

NEW X-20 3-SPEAKER 2-WAY "SLIM-COMPACT" SYSTEM

Here is unbelievably excellent sound quality from a new "slim-compact" speaker system that takes a minimum of space on desk, table, shelf or wall. Jensen's specially designed woofer and two tweeters provide smooth wide range sound for your listening pleasure. Refreshing decorator touch in the two-tone harmonizing custom grille fabric. Convenient volume control on side. The X-20 may be used with amplifiers having 4, 8 or 16 ohm outputs. Power rating: 6 watts; adequate room sound with 1 watt to speaker. Dimensions: 12 7/8" H x 15 3/4" W x 2 3/8" D. Shpg. wt., 11 1/2 lbs.

GB-594W In Oiled Walnut only Net 39.95

X-10 2-SPEAKER 2-WAY COMPACT SYSTEM

An amazing new Jensen speaker less than one-sixth as bulky as a regular shelf system, which has the sound of a much larger unit. The lows are handled by a special miniature woofer precisely matched to its small enclosure. It is mass loaded, with unusually long travel, for improved bass. A 3" tweeter extends response up to 14,000 cycles. The X-10 may be used with amplifiers having 4, 8 or 16 ohm outputs, monaural or stereo. Power rating, 6 watts; adequate room sound with 1 watt driving power. Small knob volume control on front. With instructions. Size: 7 1/8" H x 13" W x 4 3/8" D. Shpg. wt., 7 1/4 lbs.

GB-228WX In Oiled Walnut only Net 29.75

NEW TR-9 "SLIM-SHELF" 3-SPEAKER 3-WAY SYSTEM



This fine Jensen speaker system is all-new modern design inside and out, combining wonderful ear appealing sound with slim proportioning and two-toned harmonizing custom grille fabric that is delightful to the eye. Place it on any surface or hang it on the wall to blend perfectly with your decor. Components: special 3-P/W1 10" Woofer with powerful 1 1/4 lb. "Syntox-6" Ceramic Magnet, M-80 8" Midrange and E-10 "Ultra-Tweeter." Cross over at 600 and 4,000 cycles; includes H-F balance control. Frequency range: 30 cycles to beyond audibility. Power rating: 25 watts. Adequate living room sound obtainable with 10 watt amplifier. Impedance, 8 Ohms. Measures 13 1/2" H x 23 3/4" W x 5 1/2" D. Shipping wt., 25 lbs.

GB-239WX Dilled Walnut Finish Only Net 89.50

DO-IT-YOURSELF SPEAKER SYSTEM KITS

KTF-3 SPEAKER KIT

Provides the necessary speaker components for TF-3 performance in a home-built or separately bought cabinet. Kit includes the woofer, two midrange units and tweeter of the TF-3 system. Includes M-F/H-F balance control, crossover network, wiring cable, enclosure vent tube and full instructions for enclosure construction.

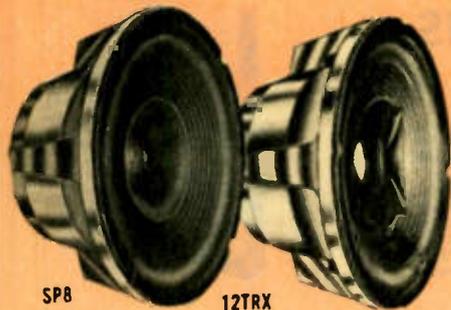
GS-313 Shpg. wt., 11 1/2 lbs. Not Illustrated Net 37.75

KTF-2 SPEAKER KIT

For the economy and fun of the do-it-yourself project, the KTF-2 Kit provides all the speaker components necessary plus plans for enclosure construction to make the TF-2 system. Kit includes P10-RJF "Flexair" woofer, with 1/2 lb. Alnico-5 magnet, 2 P35-VAH tweeters, crossover network, H-F control, enclosure vent-tube, wiring material and complete assembly instructions.

GS-311 Shpg. wt., 10 lbs. Not Illustrated Net 39.75

HI-FI SPEAKERS and COMPONENTS by ELECTRO-VOICE



SP8
SP12
SP12B

12TRX
12TRXB
15TRXB

TRX SERIES INTEGRATED 3-WAY SPEAKERS

MODEL 12TRX—Overall diameter 12 $\frac{1}{4}$ ". Resonance, 40 cps. 25 watts. Magnet weight, 3 $\frac{1}{2}$ lbs. Response, 30-15,000 cps in recommended ARISTOCRAT enclosure. Mechanical crossover, 2500 cps; electrical crossover, 3500 cps. Depth behind panel, 8". Impedance, 16 ohms. Sens. rtg. 49 db. Shpg. wt., 32 lbs. With X36 and AT37. Net 127.40

MODEL 12TRXB—3-Way assembly completely wired with HF control. Overall diam. 12 $\frac{1}{4}$ ". Resonance 45 cps. 20 watts. Magnet wt., 1 lb., 2 oz. Response, 35-15,000 cps in ARISTOCRAT. Mech. crossover, 2000 cps; built-in electrical crossover 3500 cps. Depth behind panel 6 $\frac{1}{4}$ ". Imp., 16 ohms. Sens. Rtg. 46 db. Shpg. wt., 14 lbs. X36 is not required. Net 66.60

MODEL 15RXB—Integrated 3-way assembly completely wired with HF Control. Overall diam. 15 $\frac{1}{4}$ ". 20 watts. Magnet weight 1 lb., 2 oz. Response 30-15,000 cps. Mech. crossover, 2000 cps. elect. crossover 3500 cps. Imp. 16 ohms. Net 83.30

GS-14WX Shpg. wt., 17 lbs. Net 83.30

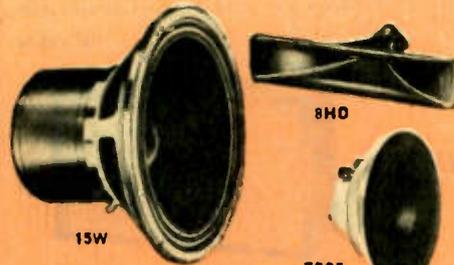
RADAX SERIES COAXIAL SPEAKERS

MODEL SP8B RADAX SUPER-EIGHT—8" speaker. Resonance, 55-65 cps. 20 watts. Response 35-13,000 cps. 16 ohms impedance. Sens. rtg. 45 db. Cross-over, 600 cps. 1 lb. Alnico V magnet 8 $\frac{3}{4}$ " diam., 7" baffle opening, 4 $\frac{3}{4}$ " depth behind panel. Shpg. wt., 9 lbs. Net 31.36

MODEL SP12B RADAX TWELVE—12" speaker. Resonance, 40-50 cps. 20 watts. Response, 30-13,000 cps. 16 ohms impedance. Sens. rtg. 46 db. Crossover, 4500 cps. 1 lb. Alnico V magnet. 12 $\frac{1}{4}$ " diameter. 11" baffle opening 6" depth behind panel. GS-19 Shpg wt., 12 lbs. Net 36.75

MODEL SP12 RADAX SUPER-TWELVE—12" speaker. Resonance, 35-45 cps. 25 watts. Response, 30-13,000 cps. 16 ohms impedance. Sens. Rtg. 48 db. Crossover 4000 cps. 3 lbs. Alnico V magnet. 12 $\frac{1}{4}$ " diameter. 11" baffle opening 7 $\frac{1}{2}$ " depth behind panel. GS-20WX Shpg. wt., 25 lbs. Net 68.80

HIGH FREQUENCY TWEETERS, MID-RANGE HORN & CROSSOVER NETWORKS



15W

8HD

TC35

MODEL T350—Adds very high frequencies with extra sensitivity. For use in multiway systems having extended bass range. Response to 21 kc. Sens. Rtg. 60 db. 2 lb. magnet. 16 ohms. Recommended crossover 3500 cps. Horn 7-1/2" long, 2 $\frac{3}{8}$ " wide. Pot 3 $\frac{1}{2}$ " diameter. Overall depth 4 $\frac{1}{4}$ ". Shpg. wt., 9 $\frac{1}{2}$ lbs. Net 63.70

MODEL T35—Reproduces VHF range, for use with deluxe multiway systems. Response to 19 kc. Sens. Rtg. 57 db. 8 oz. magnet. 16 ohms. Recommended crossover 3500 cps. Horn 5 $\frac{1}{4}$ " long, 2" wide. Pot 2 $\frac{1}{4}$ " diameter. Overall depth 3 $\frac{1}{4}$ ". Shpg. wt., 3 lbs. Net 24.50

NEW TC35 CONE-TYPE TWEETER

Frequency response from 3500 cps to beyond audibility. Will handle 20 watts, program; 40 watts, peak. Imp. 8 ohms. Flux density 10,600 gauss. EIA sensitivity 42 db. Use of Model X36 crossover and AT37B level control recommended for TC35. 5" dia. x 2 $\frac{1}{2}$ " deep. GS-55 Shpg. wt., 3 lbs. Net 24.50

MODEL T25A-HF driver, 20-30 watts. Response 400-13,000 cps. Imp. 16 ohms. Sens. rtg., 53 db. 1 lb. Alnico V magnet. 3 $\frac{3}{4}$ " diam., 4 $\frac{1}{4}$ " deep. Throat diam. $\frac{7}{8}$ ". Shpg. wt., 6 lbs. Net 49.00

MODEL XT1 STEREO MIXER

Permits use of either 4-8 or 16 ohm system with feed-back loops in the voice coil secondary. The XT1 isolates the feedback potential and prevents what otherwise would be a short circuit of both amplifiers. GS-40 Shpg. wt., 3 lbs. Net 13.23



T350

T35

T25A

NEW TC8 MID-RANGE DRIVER

Power handling capacity: 20 watts program; 40 watts peak. Frequency response: 700-15,000 cps. Flux density 14,200 gauss. EIA sensitivity rating 45 db. Model X8 crossover network recommended for TC8. 5" Dia. x 2 $\frac{1}{4}$ " Deep. GS-56 Shpg. wt., 3 oz. Net 24.50

MID-RANGE HORN

Model 8HD Diffraction Horn. New principle provides perfect dispersion of high frequencies through a 120° solid angle. Actual cutoff 600 cps. crossover 800 cps, eliminating cutoff disturbances. Made of fiberglass. For T10A and T25A drivers. 3 $\frac{3}{8}$ "h., 14 $\frac{1}{4}$ "w., 7 $\frac{1}{2}$ "d. Mounting hardware included. Shpg. wt., 4 lbs. Net 18.82

LEVEL CONTROL

Model AT37B 16 Ohm "L" pad. Essential for controlling balance between tweeter and woofer. Recommended for use with T350, T35, T35B, and T25A. Mahogany dial. (Not illus.). GS-33 Shpg. wt., 6 oz. Net 3.81

CROSSOVER NETWORKS

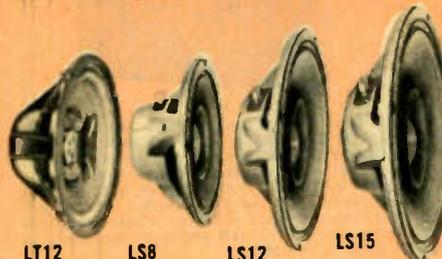
Low insertion loss. Attenuation 12 db per octave. (Not illus.).

| Stock No. | Type | Crossover | Sec. | Imp. | Lbs. | Net |
|-----------|------|-----------|------|---------|------|-------|
| GS-30 | X8 | 800 cps | 1/2 | 16 Ohms | 4 | 33.32 |
| GS-31* | X36 | 3500 cps | 1/2 | 16 Ohms | 2 | 10.29 |

*Recommended for use with T35 and T35B.

WOLVERINE SERIES BY ELECTRO-VOICE

MODEL LT12 LOW-COST 3-WAY SPEAKER



LT12

LS8

LS12

LS15

Today's most spectacular loudspeaker value! In every detail of design and construction the LT12 reflects superb engineering and careful workmanship—Sets a new standard of quality in the low-price field! Combines design features of Wolverine full-range speakers, plus "Deep-Dish" cone and HFI tweeter. Frequency response 40-18,000 cps. Program power handling capacity 20 watts, 40 watts peak. Free-space resonance 65 cps. EIA sensitivity 45 db. Impedance 8 ohms. Mechanical crossover 2,000 cps, electrical crossover 3,500 cps. Built-in crossover. Three-position switch provides positive control of tonal balance. Size: 12 $\frac{1}{2}$ " diameter x 5 $\frac{1}{2}$ " deep. GS-54 Shpg. wt., 15 lbs. Net 31.36

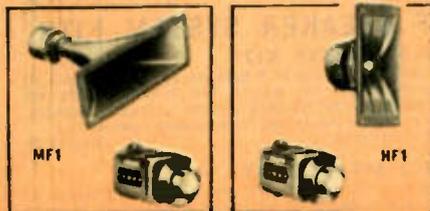
MODEL LS15. Big speaker sound at small speaker price! Response, 35-13,000 cps. Power handling capacity, 20 watts. Impedance, 8 ohms. Diameter, 15 $\frac{1}{4}$ ". Depth, 6 $\frac{1}{2}$ ". GS-38 Shpg. wt., 12 lbs. Net 25.97

MODEL LS12. Shallow design fits anywhere! Response, 40-13,000 cps. Power handling capacity, 20 watts. Impedance, 8 ohms. Diameter, 12 $\frac{1}{4}$ ". Depth, 3 $\frac{1}{2}$ ". GS-37 Shpg. wt., 6 lbs. Net 20.58

MODEL LS8. Ideal for Hi-Fi in every room! Response, 55-13,000 cps. Program power handling capacity, 20 watts. Impedance 8 ohms. Diameter, 8 $\frac{3}{4}$ ". Depth, 3 $\frac{1}{2}$ ". GS-36 Shpg. wt., 5 lbs. Net 18.11

MODEL HF1 STEP-UP KIT. Add sparkling brilliance to LS8, LS12 or LS15. Extends response to 18,000 cps, improves dispersion for stereo. Complete with driver, combined crossover-level control, wiring, mounting hardware and instructions. Requires 1 $\frac{1}{4}$ x4 $\frac{1}{4}$ " baffle opening. GS-49 Shpg. wt., 3 lbs. Net 24.50

MODEL MF1 STEP-UP KIT. Mid-range kit to complete Wolverine 3-way system. Improves presence and dispersion from 1,000 to 3,500 cps. Complete with horn, driver, crossover-level control, wiring and instructions. Requires 9 $\frac{1}{2}$ x3" baffle opening. GS-50 Shpg. wt., 5 lbs. Net 28.42



MF1

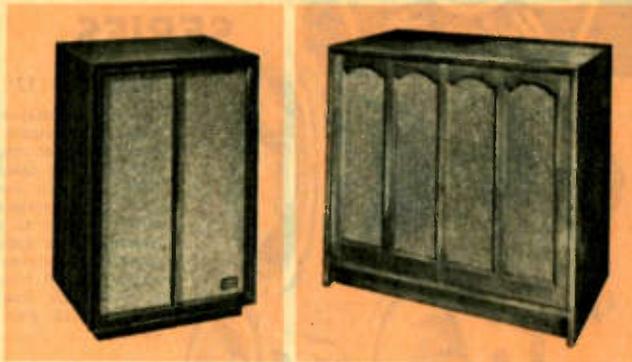
HF1

HI-FI SPEAKER SYSTEMS & ENCLOSURES by ELECTRO-VOICE

THE REGENCY 400 SPEAKER SYSTEM

The Regency 400 is a complete loudspeaker system, consisting of a special 15-inch woofer, two TC8 mid-bass and treble speakers, T35 VHF driver, X8 and X36 crossovers, and two AT37B level controls. The cabinetry is built without compromise. The Regency 400 is the ideal system for the connoisseur who wishes to have the best possible reproduction in minimum of space. Featuring a special 15-inch woofer with higher flux density than any other comparable speakers, thus providing far more radiation resistance than do systems which contain smaller woofers. Impedance: 8 ohms. Power Handling Capacity: 35 watts program, 70 watts peak. Response: 30-19,000 cps. Selected hardwood veneer with rich lustrous hand-rubbed finish, in choice of walnut or mahogany. Size: 32Wx30Hx17½"D. Shpg. wt., 105 lbs.

GB-86WX Regency 400—Traditional Walnut Net 259.70
GB-87WX Regency 400—Traditional Mahogany Net 259.70



NEW MARQUIS 300 NEW REGENCY 400

THE MARQUIS 300 SPEAKER SYSTEM

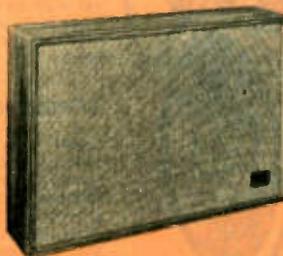
The Marquis 300 speaker system consists of an SP12B woofer, T35 VHF driver, X8 and X36 crossovers, and two AT37B L-Pad level controls. The cabinet is authentically styled in a fine veneer and available in oiled walnut or mahogany finish on all sides. Combines the important features of compact low resonance units and full-sized high efficiency systems. Extends bass range with full efficiency, eliminating boominess. Impedance: 8 ohms. Power handling capacity: 30 watts program, 70 watts peak. Response: 40-19,000 cps. Size: 19Wx29½Hx15½"D. Shpg. wt., 57 lbs.

GB-615WX Marquis 300—Oiled Walnut Net 186.20
GB-616WX Marquis 300—Mahogany Net 186.20

NEW REGINA 200 SPEAKER SYSTEM

The new Regina 200 thin-line system utilizes a high compliance woofer with a 1 lb. 6 oz. high-flux density ceramic magnet. Features a TC8 5-inch mid-bass and treble speaker with an 800-cycle crossover network mounted in an isolated chamber to prevent inter-action with rear wave pressure of the woofer. Only 5½" deep, the Regina 200 delivers quality performance. Response: 60-15,000 cps. Impedance: 8 ohms. Power Handling Capacity: 20 watts program, 40 watts peak. Size 16¾Wx24¾Hx5¾"D. Shpg. wt., 22 lbs.

GB-617WX Oiled Walnut Finish Only Net 87.71



NEW REGINA 200 THIN-LINE SPEAKER SYSTEM



THE PRINCESS

Genuine two-way system with two specially designed cone speakers. Unique 8x12" bass speaker provides unusual bass response from an enclosure so small. New 5" E.V. cone-type tweeter provides smooth response to beyond 15,000 cps. Wide-angle dispersion. Freq. resp. ± 5 db 50-15,000 cps. Crossover 2,000 cps. Impedance 8 ohms. Program power rating 25 watts. Size: 19½Wx10¾Hx8½"D. Shpg. wt., 20 lbs.
GB-83WX Walnut Finish Net 51.94

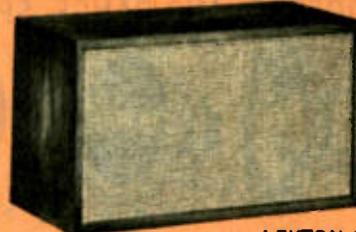


ESQUIRE 200A

The Esquire 200A is a 3-Way system with 10" woofer expanding on the Leyton 100 by the addition of the E.V. compression VHF tweeter extending the range to 40-18,000 cycles. Cabinet is finished on all sides. Impedance 8 ohms. Size: 14Hx25Wx13½"D. Shpg. wt., 30 lbs.
GB-58WX Mahogany Net 133.28
GB-59WX Oiled Walnut Net 133.28
GB-75WX Unfinished Birch Net 107.80

ESQUIRE 200A KIT

Build your own and save. The same fine system in kit form with exterior surfaces of unfinished birch veneer.
GB-81WX Net 97.02



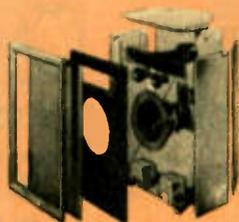
LEYTON 100

The Leyton 100 2-way system uses a new greatly improved woofer, crossing over to a 5-inch mid-range tweeter combination. Woofer frame size is reduced to 10 inches with no reduction in efficiency. 5" unit gives extended high-frequency response superior to many 3-way systems. Frequency response: 40-13,000 cps. Impedance 8 ohms. Size: 13¾Hx24¾Wx12"D. Shpg. wt., 29 lbs.

GB-62WX Mahogany Net 87.71
GB-63WX Oiled Walnut Net 87.71
GB-64WX Unfinished Birch Net 82.32

FAMOUS ELECTRO-VOICE ENCLOSURE KITS

KD6 ARISTOCRAT SPEAKER ENCLOSURE KIT



INTERNAL CONSTRUCTION SHOWING HOW SPEAKERS MOUNT KD6

Includes all the materials required to construct the famous Aristocrat enclosure, one of the most popular enclosures ever made. Extends the bass response of many types of 12" coaxial and triaxial speakers up to one full octave. Efficiency and power handling capacity will both increase. Clear grained korina exterior wood surfaces have been prepared for finishing. Includes grille cloth, all necessary hardware and complete step-by-step instructions. Less decorative grille and trim. Size: 19Wx29¾Hx15¾"D.
GB-49WX Shpg. wt., 36 lbs. Net 41.16

K09 Marquis Speaker Enclosure Kit. Build-it-yourself version of Marquis enclosure. Similar to Aristocrat except for along-the-wall horn-loaded enclosure. Kit includes all necessary parts and instructions. Wood is unfinished clear-grained korina veneer. Size: 19Wx29¾Hx14½"D.
GB-51WX Shpg. wt., 38 lbs. Net 37.24

AK6 Decorative Trim Kit. Addition of this grille and trim set will provide for your Aristocrat or Marquis enclosure a smart finished appearance. Lacquered antique brushed brass crossbar grille.
GS-41W Shpg. wt., 3 lbs. Net 5.39

MARQUIS 63 ENCLOSURE

- Produces Optimum Performance With Electro-Voice 12" Full-Range Speaker

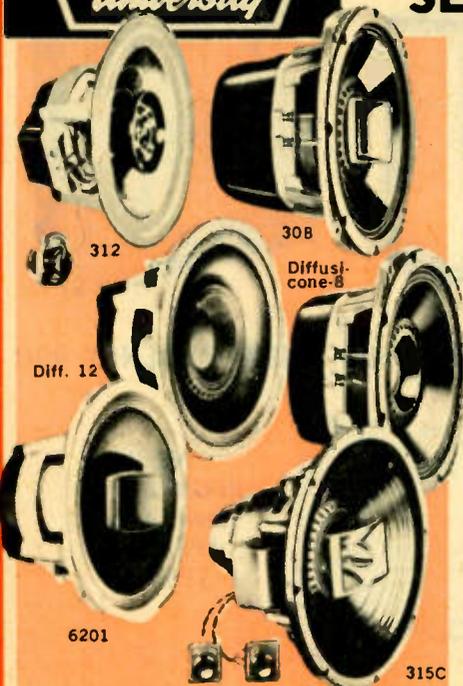


The Marquis enclosure is designed to produce optimum results with separate 12-inch Electro-Voice drivers, full-range coaxial, and extended range three-way speaker networks. Compliance and cone resonance of E.V. speakers match exactly the characteristics of the cabinet. However, this enclosure also improves the operation of other 12-inch speakers. Size: 19Wx29½Hx15¾"D. Shpg. wt., 27 lbs.

GB-84WX Marquis 63 Enc. Oiled Walnut Net 68.60
GB-85WX Marquis 63 Enc. Mahogany Net 68.60



200 SERIES QUALITY SPEAKERS



MODEL 312 12" 3-WAY DIFFAXIAL SPEAKER

Features an unusually rigid die-cast basket, heavy magnet, Diffusicone midrange and Sphericon super-tweeter. Woofer response down to 28 cps. Multielement midrange operates over the frequency range of 1000-3000 cps. Super-tweeter disperses highs over 120°, both horizontally and vertically. Tweeter has reflector baffle to prevent interaction and possible intermodulation distortion between high and low frequencies. Cross-over network built-in, with brilliance control. Overall frequency response extends from 28 to 40,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 13" diam., 6 1/4" deep. Shpg. wt., 10 1/4 lbs. GS-107 Net 71.54

MODEL 308 8" 3-WAY DIFFAXIAL SPEAKER

Employs an extra large voice coil for 8" woofer, a patented Multielement Diffusicone midrange, and a compression type tweeter with "reciprocating flare" wide angle horn. Built-in electrical cross-over at 5000 cps. Frequency response 30-17,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 9 1/4" diam., 6 1/4" deep. Shpg. wt., 5 lbs. GS-110 Net 41.16

DIFFUSICONE-8 8" EXTENDED RANGE DIFFAXIAL

Speaker designed for quality performance in very small enclosures. Dual horn-loaded radial projector has wide spread. Frequency response 30-15,000 cps. Rated at 35 watts. Impedance 8-16 ohms. 9 1/4" diam., 4 3/4" deep. Shpg. wt., 4 3/4 lbs. GS-111 Net 27.44

MODEL 6201 12" DUAL RANGE COAXIAL

Tweeter projects through the center of woofer. Separate drivers are employed for woofer and compression type tweeter. Electrical cross-over at 2500 cps with brilliance control. Frequency response from 28-18,500 cps. Power rating 35 watts. Impedance 8-16 ohms. 13" diam., 6 1/4" deep. Shpg. wt., 10 lbs. GS-108 Net 56.60

DIFFUSICONE-12 12" FULL RANGE DIFFAXIAL

Speaker uses the patented multielement Diffusicone midrange and a quality woofer cone on a very rigid frame, concentrically. Dual horn-loading at cone apex improves treble performance. Mechanical cross-over at 1000 cps. Frequency response 28-15,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 13" diam., 6 1/4" deep. Shpg. wt., 9 lbs. GS-109 Net 38.95

MODEL 315C SUPER 15" 3-WAY DIFFAXIAL

Woofer has double spired, anti-breakup diaphragm. Patented Diffusicone midrange operates between 1000 and 5000 cps. T-50 Hypersonic driver is centered in a "reciprocating flare," wide angle super-tweeter horn. Midrange and treble have separate balance controls. Frequency response ranges from 25 cps to inaudibility. Power capacity 50 watts. Impedance 8-16 ohms. Built-in LC cross-over. 15 1/2" diam. 12" deep. Shpg. wt., 34 1/2 lbs. GS-106WX Net 152.88

WOOFERS, MID-RANGE SPEAKERS, TWEETERS, DRIVERS and CROSSOVER NETWORKS



WOOFERS



TWEETERS

MODEL C-8W 8" WOOFER. Budget-priced low or mid-range speaker. Freq. response, 50-5,000 cps. Impedance, 8 ohms. 25-watt rating. Alnico V Gold Dot magnet. Depth, 4 1/4". Shpg. wt., 3 lbs. GS-114 Net 14.70

MODEL C-12HC 12" HIGH COMPLIANCE WOOFER. Dual voice coil construction. Impedance, 4-20 ohms. Freq. response 20-3,000 cps. Rated at 50 watts. Cone resonance 20 cps. 6 1/4" deep. Shpg. wt., 9 lbs. GS-117 Net 48.51

MODEL C-15HC 15" HIGH COMPLIANCE WOOFER. Employs Uniferron-7 magnet material. Response to 800 cps. Has dual voice coil. Impedance, 4-20 ohms. 60-watt rating. Depth, 8 1/4". Shpg. wt., 23 3/4 lbs. GS-118WX Net 87.71

MODEL C-15W 15" OVC WOOFER. Top performing woofer using 6 lb. Alnico V Gold Dot magnet. Rated at 50 watts. Response from below 25 to 1500 cps. Impedance, 4-20 ohms. 10 1/2" deep. Shpg. wt., 26 3/4 lbs. GS-112WX Net 83.30

MODEL T-202 SPHERICON SUPER TWEETER. Operates from 3,000-40,000 cps. (± 2 db to 22,000 cps). Domed phenolic diaphragm with spherical diffractor. Built-in network and brilliance control. 120° omnidirectional dispersion. 8 ohms, 30 watts. Shpg. wt., 3 lbs. GS-135 Net 24.45

MODEL HF-206 HYPERSONIC TWEETER. 120° horizontal and 50° vertical dispersion. High frequency response to beyond audibility. N-2B network for 5,000 cps cross-over recommended. 8 ohms. 25-50 watts. 6x3 1/4x6 3/4". Shpg. wt., 3 1/2 lbs. GS-119 Net 32.34

MODEL UXT-5 SUPER TWEETER. Compression driver has Alnico V magnet, coupled to "reciprocating-flare" horn for 120° horizontal x 50° vertical dispersion. For use with N-2B network. Response, 5,000-17,500 cps. 50 watts, 8 ohms. Size: 4 1/2x2 1/2x4". Shpg. wt., 1 3/4 lbs. GS-120 Net 20.58

MODEL 4401 TWEETER. Sturdy one-piece die-cast "reciprocating-flare" horn. Response, 2,500-15,000 cps. N-2B dividing network recommended. Power rating, 25 watts. Impedance, 8 ohms. Dimensions: 6x2 3/4x6 3/4". Shpg. wt., 2 lbs. GS-121 Net 17.64



MID-RANGE SPEAKERS

COBREFLEX TWIN-FLARE HORN. Mid-range horn for 3-way speaker systems. T-30 driver recommended. 27" exponentially-flared air column permits crossover as low as 350 cps. 120° horizontal x 60° vertical dispersion. Die-cast aluminum. 13 1/4"-18 throat. 10 1/4x18 1/4x9 1/4". Shpg. wt., 10 1/4 lbs. GS-123 Net 23.87

MODEL C-8M 8" MID-RANGE SPEAKER. Ideal for use as midrange unit in 3-way systems. Frequency response, 700-5,000 cps. Power rating, 50 watts. Impedance, 8 ohms. 4 1/2" deep. Shpg. wt., 3 1/2 lbs. GS-137 Net 15.63

MODEL H-600 MID-RANGE AND HIGH FREQUENCY HORN. Response, 600 cps to beyond audibility. 125° horizontal and 55° vertical dispersion. T-30 driver and N-2A network recommended. Takes any driver with standard 1 3/4"-18 throat. 7 3/4x8 3/4x4 3/4". Shpg. wt., 2 1/2 lbs. GS-122 Net 18.62



DRIVERS & CROSSOVER NETWORKS

MODEL T-30 MID-RANGE AND HIGH FREQUENCY DRIVER. For use with Cobreflex or H-600 horns. Response, 350-15,000 cps. Capacity, 50 watts. 8 ohms. 1 3/4"-18 throat. 3 1/2x3 3/4". Shpg. wt., 2 1/4 lbs. GS-124 Net 29.40

MODEL N-2A CROSSOVER NETWORK. Use singly as 6 db/octave 2-way network or in pairs as 12 db/octave network. Crossover: 350 or 700 cps @ 8 or 16 ohms; 700 cps @ 4 ohms. 3 1/2x3 1/4x3". Shpg. wt., 2 1/4 lbs. GS-128 Net 17.64

MODEL N-2B CROSSOVER NETWORK. Similar to N-2A except crossover: 1250, 2500 or 5000 cps @ 8 ohms; 2500 or 5000 cps @ 16 ohms; 2500 cps @ 4 ohms. 3 1/2x3 1/4x3". Shpg. wt., 2 1/4 lbs. GS-129 Net 13.72

MODEL AP-B BALANCE CONTROL. Ideal for use with N-2A and N-2B networks. Suits 8-16 ohms systems. Fits panels up to 3/4" thick. Shpg. wt., 7 oz. GS-131 Net 3.87

CUSTOM *Deluxe* SPEAKER SYSTEMS BY *University*

NEW ULTRA-THIN SYL-O-ETTE II

Though only four inches in depth, the new SYL-O-ETTE II produces a "BIG" sound. Comparison must be made not only to other thin systems, but to any system in its price range. It is a speaker system of high efficiency and wide, room-filling dispersion. Frequency response is 40-17,000 cps. Power handling capacity is 30 watts. Full-range performance can be achieved with amplifiers rated as low as 10 watts. Only 23Wx29Hx4"D. It is as ideally suited for small and simply-furnished listening rooms as it is for large and lavishly appointed rooms. Can be mounted on a wall or placed on the floor flush against the wall, vertically or horizontally with or without its base. Comes complete with base and matching Decorator Cane Grille.

- GB-632WX Syl-O-Ette II—Oiled Walnut. Shpg. wt., 20 lbs. Net 88.15
- GB-633WX Syl-O-Ette II—Unfinished. Shpg. wt., 20 lbs. Net 84.23

NEW SENIOR II BOOKSHELF SPEAKER SYSTEM

The Senior II is a 3-speaker system designed for those who prefer not to be deceived by exaggerated high or low frequency response. Here is natural, balanced sound—lows, middle tones, highs—all in perfect harmony with the original performance. The sound of the Senior II is free and open. Its bass tones resound with authority; its mid-range will give you that uncanny "in person" feeling; its highs are transparent and pure. Senior II Components: New Ultra-Linear Resonance 12" Woofer, New 3 1/2" Mid-Range and the Sphericon Super Tweeter. Frequency Response: 30 to 22,000 cps. Impedance: 8 or 16 ohms. Crossover: at 3,000 cps. Adjustable Brilliance Control. Size: 25x15 1/2x-12 1/2" deep. Available in Oiled Walnut Finish (on all four sides) and Unfinished. May be Used Anywhere. as Highboy, Lowboy or a Shelf, Table or Floor.

- GB-630WX Senior II—Oiled Walnut. Shpg. wt., 44 lbs. Net 98.51
- GB-631WX Senior II—Unfinished. Shpg. wt., 44 lbs. Net 87.71

CLASSIC II 3-WAY SPEAKER SYSTEM

University has adapted 3 of its finest speaker drivers for use in its newly developed Classic System. These high quality components work in harmony delivering clean sound throughout the audio frequency range. To cover the lowest octaves a 15" heavy-duty, high compliance woofer is employed. Woofer operation is restricted to below 150 cps. Midrange emanates from an 8" direct radiator with an enclosed basket and a viscous treated cone. The Sphericon tweeter takes over at 3000 cps. System response: 15-40,000 cps. Power input 10 to 60 watts. Tastefully appointed cabinetry. Size: 35Wx28 1/4Hx17 1/2"D. Shpg. wt., 105 lbs.

- GB-93WX Oiled Walnut Net 289.10
- GB-92WX Walnut Net 289.10

MEDALLION SPEAKER SYSTEM

An unusually versatile, compact 3-way system featuring optional snap-on Select-A-Style speaker grilles. Speaker front can be conveniently changed to suit surrounding furniture and decor. Employs 3 separate, quality loudspeakers, a specially designed 12" high compliance, heavy-duty woofer, an 8" mid-range speaker, and a Sphericon super-tweeter. Frequency response is smooth from 28-22,000 cycles. Built-in network provides crossover at 500 and 3000 cycles. Available in selected finished woods. Size: 17Wx24Hx12 1/2"D. Floor base available as an accessory. Shpg. wt., 40 lbs.

MEDALLION XII SPEAKER SYSTEM (without grille)

- GB-515WX Mahogany Net 137.15
- GB-516WX Walnut Net 137.15
- GB-517WX Oiled Walnut Net 137.15
- GB-518WX Fruitwood Net 137.15

SELECT-A-STYLE FRAMES

You can now select either a Modern, French Provincial, Early American, Italian Provincial, or Swedish Modern styling by simply attaching the grille frame of your choice to the Medallion XII system. Shpg. wt., 3 lbs.

| Style | Mah. | Wal. | Oil Wal. | Fruitwood | Net |
|--------------------|---------|---------|----------|-----------|-------|
| Modern | GB-519W | GB-520W | GB-521W | GB-90W | 9.75 |
| French Provincial | | | | GB-522W | 14.65 |
| Early American | | | | GB-523W | 14.65 |
| Italian Provincial | GB-524W | GB-525W | GB-526W | GB-89W | 14.65 |
| Swedish Modern | GB-527W | GB-528W | GB-529W | GB-91W | 14.65 |

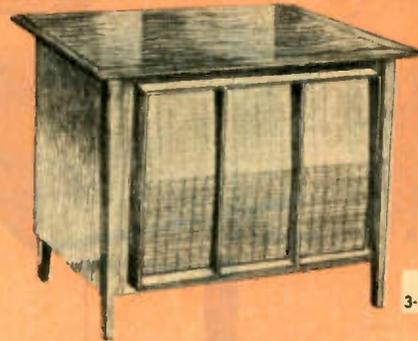
- Wood Base for Medallion Speaker System. Shpg. wt., 3 lbs.
- GB-530W Mahogany Net 14.65
- GB-531W Walnut Net 14.65
- GB-532W Oiled Walnut Net 14.65
- GB-533W Fruitwood Net 14.65



SENIOR II BOOKSHELF SPEAKER SYSTEM



NEW ULTRA-THIN SYL-O-ETTE II SPEAKER SYSTEM



CLASSIC II 3-Way Speaker System

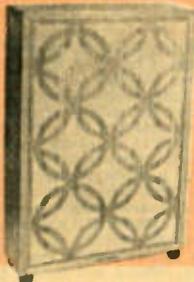


MEDALLION XII French Provincial Select-A-Style Frame



BASE

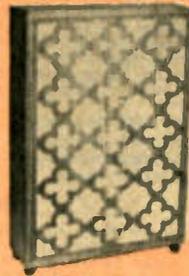
Goodmans "SLIMFORM DEKORATOR" SPEAKER SYSTEMS



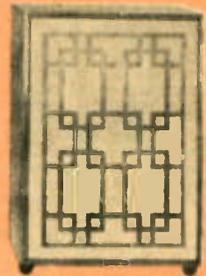
G-1



G-2



G-3



G-4

The "Slimform Dekorator" Series is the newest line of speaker systems by Goodmans. These systems incorporate the latest advanced acoustic designs by the finest British craftsmen. All cabinets are slim in appearance with oiled walnut finish and decorator styled grilles. The 8" and 10" woofers incorporate a Rigidflex Floating Piston Hyperbolic Cone. The 6" Mid-Range units are closed back type providing uniform response to 10,000 cps. The 3 1/2" high-freq. tweeters are designed for extended response to 17,000 cps.

| Stock No. | Manuf. System No. | No. of Speakers | Freq. Res. | Wattage | Imp. | Dimensions | Shpg. Wt. | Net. Ea. | In lots of 2 |
|-----------|-------------------|--|------------|-----------|------|------------------------|-----------|----------|--------------|
| GB-605WX | G-1 | 1-8" Woofer, 1-6" Mid, 1-3 1/2" Tweeter | 40 | 17000 cps | 30 w | 16 Ω 25"Hx17"Wx5 1/4"D | 26 lbs. | 56.50 | 52.50 |
| GB-606WX | G-2 | 1-10" Woofer, 1-6" Mid, 1-3 1/2" Tweeter | 40 | 7000 cps | 40 w | 16 Ω 25"Hx17"Wx6 1/4"D | 28 lbs. | 59.50 | 55.50 |
| GB-607WX | G-3 | 3-8" Woofer, 1-6" Mid, 1-3 1/2" Tweeter | 40 | 7000 cps | 45 w | 16 Ω 25"Hx17"Wx5 1/4"D | 30 lbs. | 79.50 | 74.50 |
| GB-608WX | G-4 | 3-10" Woofer, 1-6" Mid, 1-3 1/2" Tweeter | 40 | 17000 cps | 60 w | 16 Ω 28"Hx20"Wx6 1/4"D | 34 lbs. | 89.50 | 84.50 |

EXTENDED RANGE SPEAKERS and SYSTEMS



JBL SPEAKERS, TWEETER and CROSSOVER NETWORK

- 0131 12" SPEAKER. Response: 30-12,700 cps; capacity: 20 watts; resonance: 39 cps; 16 ohms. 5" deep. Shpg. wt., 21 lbs. Net 96.00
- GS-230WX Net 102.00
- D130 15" SPEAKER. 15" version of above. Response: ± 5 db 30-17,000 cps. Cap: 25 watts; depth: 5 $\frac{3}{8}$ ". Shpg. wt., 22 $\frac{1}{2}$ lbs. Net 72.00
- GS-229WX Net 36.00
- D123 12" SPEAKER. Response: 30-15,000 cps; Cap: 20 watts; resonance: 35 cps; 16 ohms. Depth: 3 $\frac{3}{8}$ ". Shpg. wt., 12 lbs. Net 36.00
- GS-231 Net 36.00
- D208 8" SPEAKER. 8" version of D130. Resp: 40-13,000 cps; Cap: 12 watts; resonance: 55 cps; 8 ohms. 2 $\frac{7}{8}$ " deep. Shpg. wt., 6 lbs. Net 36.00
- GS-232 Net 36.00
- GS-233 Same as D208 but 16 ohms Net 63.00
- 075 TWEETER. For 2-way systems crossing over from 2500 cps. Impedance, 16 ohms. Net 27.00
- GS-235 Shpg. wt., 6 lbs. Net 27.00
- N2600 DIVIDING NETWORK. For use with 075 tweeter and speakers above. Impedance 16 or 32 ohms. 4 $\frac{3}{4}$ x6x3 $\frac{1}{4}$ " Wt., 3 $\frac{3}{4}$ lbs. Net 27.00
- GS-238 Net 27.00

LINEAR EFFICIENCY SPEAKERS

- LE8 8" HI-FI SPEAKER. Response: 30-15,000 cps; power handling capacity: 20 watts; impedance: 16 ohms; depth: 4 $\frac{3}{8}$ ". Non-resonant rigid, cast aluminum frame. Net 66.00
- GS-225 Shpg. wt., 11 lbs. Net 57.00
- LE10A 10" WOOFER. Response: 16-2,000 cps; Cap: 30 watts; imp: 16 ohms. Crossover at 1500 cps or lower. Shpg. wt., 15 lbs. Net 57.00
- GS-226 Net 57.00

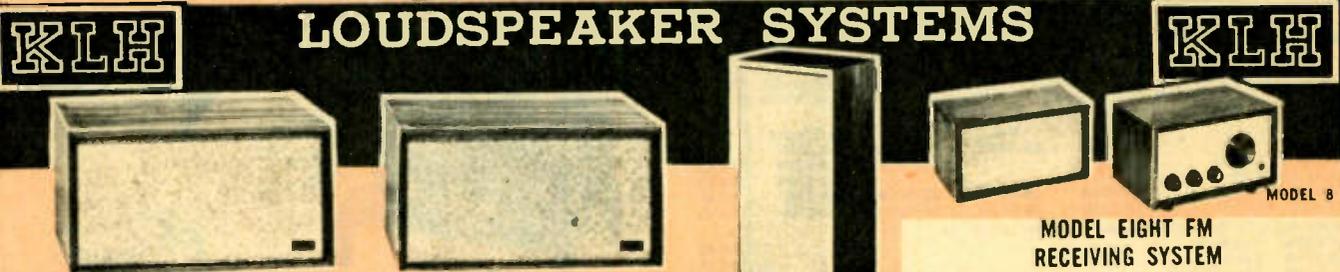
LANCER 66 SPEAKER SYSTEM

- Moderately-priced bookshelf systems with JBL Linear Efficiency loudspeakers integrally installed. A two-way system with 10" long-throw woofer and new direct radiator tweeter. The loudspeakers used are not available separately. 12 $\frac{1}{2}$ x12 $\frac{1}{4}$ x23 $\frac{3}{4}$ ". Shpg. wt., 47.5 lbs.
- GB-179WX Walnut Net 147.00
 - GB-180WX Oiled Walnut Net 147.00
 - GB-181WX Mahogany Net 147.00

NEW DS3LE14C SPEAKER SYSTEM

- This versatile JBL speaker system utilizes the new LE14C, a divided network system with low frequency unit and high frequency unit mounted concentrically. Its total accurate coverage of all useful frequencies set a new standard for space-saving, long-linear-excursion loudspeakers. 4" voice coil. System impedance, 16 ohms; crossover frequency, 1200 cps; power capacity, 30 watts with network. The enclosure acoustically compliments the characteristics of the LE14C. Overall size: 14x23 $\frac{1}{2}$ x11 $\frac{3}{4}$ ". Shpg. wt., 54 lbs.
- GB-185WX Tawny Walnut Net 198.00
 - GB-186WX Oiled Walnut Net 198.00
 - GB-187WX Mahogany Net 198.00
 - LE14C—New 15" linear efficiency integrated speaker with crossover network. Net 150.00
 - GS-244WX (not illustrated) Shpg. wt., 24 lbs. Net 150.00

LOUDSPEAKER SYSTEMS



An outstanding 2-way speaker system that achieves superlative bass response and provides extremely smooth performance from 32 to over 16,000 cps. Low frequency 12" speaker employs acoustic suspension principle. The high frequency cone-type direct radiator, utilizing a liquid butyl rubber suspension. Unusual mounting—the woofer frame and magnet assembly are cast right on the front panel of the cabinet. This casting is constructed of a fiberglass-reinforced epoxy resin material and steel tubing. In addition the tweeter is completely encapsulated into the front panel by means of an epoxy resin. Thus the woofer and tweeter are integrated into the front panel which actually functions as part of the frames of both speakers. When the grillecloth is mounted and the panel is glued under pressure into the fiberglass filled cabinet, the cabinet itself becomes a structural part of the system. In addition to the woofer and tweeter, the speaker utilizes a 1500 cps LC crossover network with air-cone and oil-filled capacitors. A 3-position switch permits a 5 db variation in balance between the high and low frequency sections. Power handling capacity is 75 watts. Impedance 8 ohms. Cabinet is constructed of $\frac{3}{4}$ " veneer plywood and measures 12 $\frac{3}{4}$ x23 $\frac{1}{2}$ x11 $\frac{7}{8}$ ". Shpg. wt., 36 lbs.

An excellent performing two way loud-speaker system designed to faithfully reproduce throughout the entire audio range. The Low frequency section uses a 12 in. acoustic suspension type speaker. The High frequency speaker is a small cone-type direct radiator. Crossover network provides independent level adjustment of 5db above 1500 cycles and also above 6000 cycles. High and low frequency sections may be connected separately. Impedance 16 ohms. Shpg. wt., 44 lbs. Size: 12 $\frac{1}{2}$ xHx25Wx12"D.

- GB-311WX—Mahogany Net 224.00
- GB-310WX—Walnut Net 231.00
- GB-323WX Oiled Walnut Net 231.00
- GB-312WX—Utility Net 209.00

The new Model 10 offers velvety smooth response, following a standardized curve within 1 $\frac{1}{2}$ db. A two speaker system with a special 10" high compliance woofer and direct radiating cone tweeter, housed in a compact bookshelf enclosure. Audible coloration is prevented through careful production and testing of components. Operates with a 12 watt amplifier (up to 60 watts if desired). Cabinet measures: 23 $\frac{1}{2}$ xHx11 $\frac{1}{2}$ Wx8 $\frac{3}{4}$ "D. Finished models, finished on all four sides. Impedance: 8 ohms. Shpg. wt., 28 lbs.

- GB-340WX Oiled Walnut Net 94.00
- GB-341WX Walnut Net 94.00
- GB-342WX Mahogany Net 89.00
- GB-343WX Unfinished Net 86.00

MODEL EIGHT FM RECEIVING SYSTEM

- Not A Radio, But a Complete FM Music System
- A Full Range of Inputs
- Attractive Solid Walnut Cabinets

An entirely new concept in QUALITY FM reception. The Model Eight is designed for the music lover who desires the finest in FM music; The Model Eight is a complete FM music system for your den, bedroom, kitchen, office or store.

The Model Eight consists of two separate but electronically integrated units housed in two solid walnut cabinets, each of which measures 10 $\frac{3}{4}$ Wx5 $\frac{5}{8}$ Hx6 $\frac{1}{2}$ "D. One of these encloses the FM Tuner-amplifier system. The other constitutes a wide-range loudspeaker chassis in a sealed enclosure. They are connected by a 30' cable which can be coiled on the back of the speaker cabinet. Output jacks on the back of the tuner-amplifier chassis are provided for addition of a multiplex adapter, and for use of the tuner section alone with a tape recorder or an external amplifier and speaker. Additional terminals permit substitution of an external 300 ohm antenna for the built-in antenna. Separate controls on the front panel of the tuner-amplifier section perform the following functions: on-off, treble, volume, and tuning. Each tuner is individually temperature compensated to insure freedom from drift.

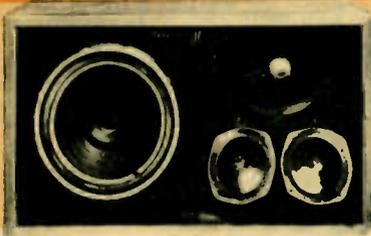
Tube complement: $\frac{1}{2}$ 6BS8, 1- 6U8, 3-6AU6, $\frac{1}{2}$ 6B88, 2 6BM8, 2-germanium diodes and 1- silicon power rectifier. Fully transformer operated; requires 110-120V, 60 cps AC. Attractive satin walnut finish. Shpg. wt., 15 lbs.

- GB-360WX Net 159.00

MODEL 8 PREAMPLIFIER—Enables you to use your present record changer or turntable with the model 8 FM Receiving System.

- G-361 (Not Illustrated) Net 19.00

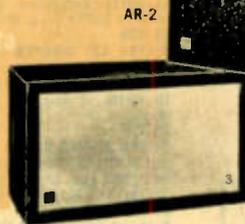
AR ACOUSTIC SUSPENSION SPEAKER SYSTEMS



AR-2a

The AR-2a is an outstanding loudspeaker system that has a clean level frequency response to beyond 20,000 cycles. This three-way system uses a 10" acoustic suspension woofer and a dual 5" tweeter assembly for handling the low and mid-range frequencies, and a special 1 3/4" dome-type super-tweeter for the very high frequencies. An LC cross-over network is employed with cross-overs at 2000 and 7500 cycles. Independent level adjustment controls for the midrange and supertweeter driver units are provided — to compensate for the acoustic characteristics of the listening area. The 10" low frequency driver produces almost distortion free transient response down to 30 cycles. The midrange provides remarkably transparent sound. The dome-type supertweeter used in the AR-2a operates as its direct radiator having excellent frequency response characteristics — within 1.5 db of the ideal response curve from 7500 to 20,000 cycles (crossover at 7500 cps). It provides excellent high frequency dispersion even at angles as large as 60° off axis. The reinforced enclosure is filled with fiberglass to prevent undesirable resonance. For best performance a minimum of 20 very clean watts should be available. Impedance 8 ohms. Dimensions: 24Wx11 3/4Dx13 1/2"H. Furniture models are finished on all 4 sides. Utility model of Ponderosa pine on all four sides with birch front molding. Shpg. wt., 41 lbs.

| | |
|-----------------------------|------------|
| GB-420WX AR-2a Mahogany | Net 122.00 |
| GB-421WX AR-2a Walnut | Net 128.00 |
| GB-422WX AR-2a Oiled Walnut | Net 128.00 |
| GB-423WX AR-2a Korina | Net 128.00 |
| GB-424WX AR-2a Unfinished | Net 109.00 |



AR-3

AR-3. A 3-way speaker system combining the renowned 12" acoustic suspension AR-1 woofer with revolutionary new mid-and hi-frequency speakers. The dome-shaped diaphragm of these new mid-range and tweeter speakers represent a complete departure from conventional design and provides a linear response to beyond 20,000 cycles. Mid-range magnetic structure is 3.3 lbs. Alnico 5 magnet. Tweeter utilizes 1.1 lb. Alnico 5 magnet. L-C network crossover at 1,000 and 7,500 cps with individual level controls. Impedance 4 ohms. Dimensions: 14Hx25Lx 11 1/2"D. Shpg. wt., 60 lbs.

| | |
|-------------------------------|------------|
| GB-440WX AR-3 Mahogany | Net 218.00 |
| GB-441WX AR-3 Walnut | Net 225.00 |
| GB-442WX AR-3 Korina | Net 225.00 |
| GB-443WX AR-3 Unfinished Pine | Net 203.00 |

AR-3 TWEETER SYSTEMS (USE WITH AR-2)

| | |
|-----------------------------|-----------|
| GB-480WX AR3ST Mah. 10 lbs. | Net 35.00 |
| GB-481WX AR3ST Wal. 10 lbs. | Net 38.00 |
| GB-482WX AR3ST Kor. 10 lbs. | Net 38.00 |
| GB-483WX AR3ST Unf. 10 lbs. | Net 32.00 |

AR-2. is a lower-priced version of the AR-1 with 10" acoustic-suspension speaker and matched tweeter assembly. Response 42-14,000 cps. ± 5 db; down 10 db at 30 and 16,000 cps. Harmonic distortion (10 watts input) under 2% down to 60 cps under 3% down to 50 cps. 8 ohms. Woofer employs 1.1 lb. Alnico 5 magnet. Requires amplifier delivering 10 or more clean watts. Finished models have unfinished bottomsides. Dimensions: 24Wx11 3/4Dx13 1/2"H. Shpg. wt., 35 lbs.

| | |
|-------------------------------|------------|
| GB-434WX AR-2 Mahogany | Net 96.00 |
| GB-435WX AR-2 Walnut | Net 102.00 |
| GB-436WX AR-2 Korina | Net 102.00 |
| GB-437WX AR-2 Unfinished Pine | Net 89.00 |

ALTEC LANSING



605A DUPLEX



838A "CARMEL" SPEAKER SYSTEM
With decorator base

854A/B Enclosure
With decorator base

605A DUPLEX

The 605A is a precision instrument that reproduces sound faithfully. Provides unusually smooth response, high linearity and clean transient response. Power handling capacity: 35 watts, 50 watts peak. Frequency response: 20-20,000 cps. Magnet weight: 2 1/4 lbs. (low frequency), 1/2 lb. (high frequency). Voice coil diameter: 5" (low frequency), 1 3/4" (high frequency). The exponential multi-cellular high frequency horn distributes sound 90° horizontally and 40° vertically. Impedance: 16 ohms. Shpg. wt., 44 lbs.

Net 177.00

MODEL 854A/B ENCLOSURE

An outstanding acoustical cabinet. An ideal mate for the 605A Duplex with a resultant perfect balance of size, appearance and audio quality to please the most discriminating user. Standard model includes round legs. Matching base shown above is optional at extra cost. Size: 29 3/4Hx35Lx17 3/4"D. Shpg. wt., 70 lbs.

| | |
|-------------------|-----------|
| GB-370WX Walnut | Net 99.00 |
| GB-369WX Mahogany | Net 99.00 |

838A "CARMEL" SPEAKER SYSTEM

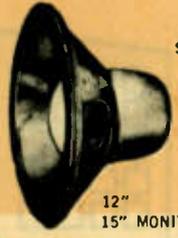
A full-size, two-way bass reflex speaker system with a guaranteed frequency range from 30-22,000 cycles. Power rating 30 watts. Uses two high compliance 41A bass speakers, an 811B sectoral horn driven by 804A high frequency driver, and an 800-cycle dividing network. N-800F ALTEC network provides the necessary crossover. Shown with optional decorator base; standard model comes with round legs. Size: 29 3/4Hx35Wx17 3/4"D. Shpg. wt., 90 lbs.

| | |
|---------------------------|------------|
| GB-373WX Walnut Cabinet | Net 324.00 |
| GB-374WX Mahogany Cabinet | Net 324.00 |

MODEL 30536 DECORATOR BASE for 838A "Carmel" Speaker System, and 854A/B Enclosure.

| | |
|------------------|-----------|
| GB-371W Walnut | Net 30.00 |
| GB-372W Mahogany | Net 30.00 |

TANNOY DUAL CONCENTRIC QUALITY HI-FI SPEAKERS



12" 15" MONITOR



15" BELVEDERE

A 15" dual concentric speaker of unusual design. Cone of woofer acts as part of exponential horn for tweeter. Frequency response from 23 to 20,000 cps impedance is 16 ohms. External crossover network with 1,000 cps crossover. Handles 50 watts with less than 2% inter-modulation distortion. Flux density 13,500 gauss in tweeter, 13,500 gauss in woofer. Resonant frequency 32 cps. 9" deep, 14 1/2". Overall diameter, 15 1/4".

| | |
|----------|------------|
| GB-376WX | Net 179.00 |
|----------|------------|

NEW "12" Monitor. 12" version of above. 30 watts power handling capacity, Shpg. wt., 20 lbs.

| | | |
|----------|---------------|------------|
| GB-375WX | No Money Down | Net 138.00 |
|----------|---------------|------------|

BELVEDERE SENIOR STEREO ENCLOSURE

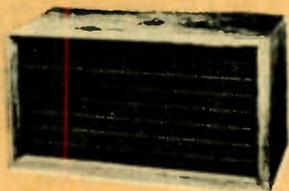
Designed for the 15" Tannoy Dual Concentric Loudspeaker. Constructed of 1 3/8" bonded material, using dual damped port principle. Available in oil walnut finish. Size: 26x18x12" deep. Shpg. wt., 76 lbs.

| | |
|----------|-----------|
| GB-241WX | Net 85.00 |
|----------|-----------|

Belvedere Jr. Enclosure — designed for Tannoy 12" speaker systems. Available in oil walnut finish. Size: 26x18x12" deep. Shpg. wt., 40 lbs.

| | |
|----------|-----------|
| GB-240WX | Net 63.00 |
|----------|-----------|

EMI SPEAKER SYSTEMS



DUTTON BOOKSHELF SPEAKER SYSTEM MODEL DL5529

An ingenious adaptation of the much more expensive EMI professional studio monitor speaker. This new 2-cubic foot bookshelf speaker system combines a wide frequency range with superb transient response and relatively low distortion. It is capable of such faithful musical reproduction throughout the whole audio spectrum that any defects in the equipment used with it will be immediately and blatantly revealed. The woofer is EMI's exclusive, handmade 13 3/4" x 8 1/4" elliptical driver with aluminum cone and special plastic suspension. There are two 3 1/2" tweeters, specially designed with curved diaphragms. High precision crossover network designed to operate tweeters at 4500 cycles and upwards. Driver and tweeters completely and separately enclosed in a chamber with 3/4" reinforced walls. Cabinet is 24" wide x 13" high x 12 1/4" deep. Interior is designed to damp out standing waves and other spurious vibrations. Includes a carefully selected metal front grille. Impedance of system is 4 ohms. Shpg. wt., 50 lbs.

Imported from England

| | |
|-----------------------------------|------------|
| GB-300WX Hand-Rubbed Oiled Walnut | Net 159.99 |
| GB-301WX Hand-Rubbed Satin Walnut | Net 159.95 |

Model DLS 1-A Professional Studio Loudspeaker System



- A Special Column Enclosure, Designed Without Compromise to Provide the Best Acoustic Baffling

A special non-resonant column enclosure designed to meet the requirements of a fine quality loudspeaker system and space requirements in the home. Handmade 13 1/2 x 8 1/4" aluminum cone elliptical driver reproduces the frequency range from 30 cps to 3 Kc. Has superb transient recovery with tight bass. Two 3" diameter piston cone units are used to cover the freq. range from 3 Kc to 15 Kc. Treble response is totally free of resonances and coloration, remaining "sweet" and musically even at extreme volume levels. Vertical mounting results in uniform horizontal polar characteristic. Enclosed in a separate sound chamber to prevent interaction of high & low frequencies. Precision crossover network operates at 3000 cps up. 1" thick hardwood sides, top, bottom and back plus additional stiffening members inside make the enclosure absolutely "dead" acoustically. Column mounted on 4 concealed casters. Size: 50Hx13 1/4Wx17"D. Shpg. wt., 85 lbs.

Imported from England

| | |
|-----------------------|------------|
| GB-302WX Satin Walnut | Net 399.00 |
| GB-303WX Mahogany | Net 399.00 |

Bozak QUALITY SPEAKERS & SPEAKER SYSTEMS



B-207A



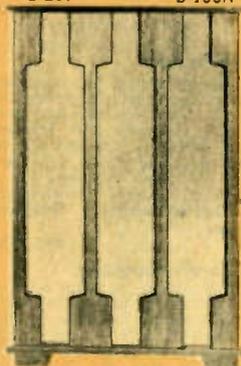
B-199A



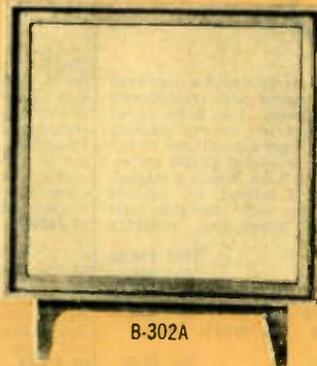
B-209A



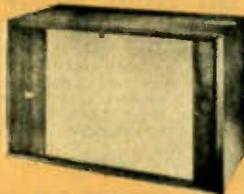
B-200X



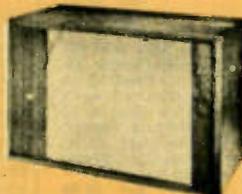
B-4000



B-302A



B-2000



B-207A 12" COAXIAL — 1 bass 2 treble speakers on a cast-aluminum frame. Response 40-16,000 cps, built-in crossover at 2500 cps; impedance 8 ohms; power capacity 15 watts continuous, peaks to 30 watts. OD 15" depth 7". Recommended enclosure infinite baffle 5 cu. ft. minimum, 9 cu. ft. optimum.

GS-420 Shpg. wt., 13 lbs. Net 89.50

B-199A 12" WOOFER — High efficiency woofer designed for top-quality 2- and 3-way speaker systems. 1½ lb. Alnico V magnet assures low distortion and linear response over the entire frequency range of 30 to 4500 cycles, at a power level of 15 watts of program material. Cone resonance frequency 40 cycles, impedance 8 ohms.

GS-421 Shpg. wt., 8 lbs. Net 52.50

B-209A 6" MID-RANGE — For use in 3-way systems or used with the Bozak B-207A and N-10102. Response 200 to 3500 cps. Recommended crossovers 400 or 800 cps and 2500 cps. Impedance 8 ohms, for use in 50-watt systems. Voice coil 1½" diam. ribbon. 1½ lb. Alnico 5 magnet. 6½" OD 3½" deep (5½" diameter cutout).

GS-422 Shpg. wt., 8 lbs. Net 51.00

N-10102 CROSSOVER NETWORK — (Not illustrated) 6 db per octave frequency divider. Crossovers 400, 800 and 2500 cps at 8 ohms; 800 and 2500 cps at 16 ohms. For use with B-207A and B-209A in 3-way system 8Wx8Dx5½"H.

GS-423 Shpg. wt., 6½ lbs. Net 27.50

B-200X TWEETERS — Direct-radiating paper-and-dural cones of this dual unit reproduces from 2000 to 16,000 cps. Dispersion: 120°. Power rating: 20 watts. Size: 6½Wx3¼Hx2¼"D.

GS-424 Shpg. wt., 5 lbs. Net 32.00

B-302A URBAN 3-WAY SYSTEM

A three-way system incorporating a bass and two treble speakers in the coaxial 12" B-207A and a mid-range 6" B-209A. Useful freq. resp.: 40 to 20,000 cps. LC network crossovers: bass to mid-range, 800 cycles; mid-range to treble, 2,500 cycles. Imp. 8 ohms; power rating 20 watts. 30Hx24Wx20"D. Matte walnut finish.

GB-357WX Shpg. wt., 95 lbs. Net 254.50

NEW! B-4000 SYMPHONY NO. 1 DELUXE SYSTEM

The B-4000 spreads the orchestra across the full width of a gracious room while maintaining true perspective in width and depth. Eight special tweeters are arranged in a vertical column to dispense highs while a special 8-inch mid-range speaker provides mid-frequency response. Two B-199A's provide rich, true bass. Useful frequency response, 35 to 20,000 cycles; LC network cross-over: low to mid-range, 200 cycles; mid-range to treble, 1500 cycles; Imp., 8 ohms; power, 30 watts. Size: 44Hx27¼Wx16"D.

GB-362WX Matte Walnut Shpg. wt., 150 lbs. Net 495.00

GB-363WX Genuine Mahogany Shpg. wt., 150 lbs. Net 495.00

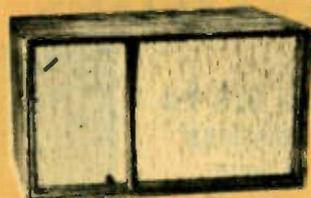
NEW! B-2000 SONATA NO. 1 BOOKSHELF SYSTEM

A complete speaker system for shelf or table-top use. A wide-range B-800 speaker covers low and middle frequencies. Two tweeters present the highs and a specially designed cross-over network segregates the frequencies. A brightness control enables you to match the speaker characteristics to the acoustical character of the room. Useful frequency response, 50-20,000 cycles; LC network cross-over, 2500 cycles; imp., 8 ohms; power, 15 watts. Size: 14Hx23¾Wx11½"D.

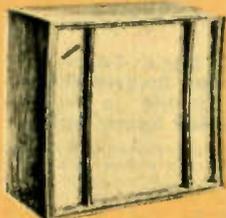
GB-348WX Matte Walnut Shpg. wt., 52 lbs. Net ea. 134.50

GB-349WX Genuine Mahogany Shpg. wt., 52 lbs. Net ea. 134.50

Wharfedale SPEAKERS & SPEAKER SYSTEMS



W-60



W-70



SUPER 3



SUPER 12/FS/AL



SUPER 8/FS/AL

W-60 SPEAKER SYSTEM

A handsome 2-way speaker system with exclusive Wharfedale sand-filled panels permitting full, rich bass, without spurious resonance. W-60 uses a 12" speaker with 2" dia. voice coil, and 9.5 lb. magnetic assembly. Highs radiate from a 5" speaker with 1.25 lb magnetic assembly acoustically isolated from 12" driver. Impedance 8 ohms. Power rating: 30 watts continuous, 60 watts peak. Requires 5 or more watts drive. L.C. type cross-over at 1500 cps. Treble control provides 0-100% attenuation of highs. Size 14½Hx13Dx24"W. Shpg. wt., 45 lbs. In true wood veneers.

GB-381WX W-60 Oiled Walnut Net 116.50

GB-382WX W-60 Polished Walnut Net 116.50

GB-383WX W-60 Mahogany Net 116.50

GB-385WX W-60 Unfinished Net 101.50

NEW! W-60PR French Provincial version of W-60.

27Hx15½x13½" Net 134.50

W-70 SPEAKER SYSTEM

W-70 is a deluxe, quality 3-way loudspeaker system housed in an enclosure using the exclusive Wharfedale sand-filled principle. This integrated unit is built around a 12" high compliance driver. High performance woofer has double ribbed humidity resistant spider capable of producing large linear excursions. Magnetic assembly is sulphur filled and brass bushed for rigidity. Complementing 12" driver are two additional high frequency speakers especially designed for use in the sand-filled enclosure. Result is clean uncolored sound free from spurious resonance. Impedance 8 ohms. Size: 24Hx12Dx21"W. Shpg. wt., 65 lbs. In true wood veneers.

GB-390WX W-70 Mahogany Net 164.50

GB-391WX W-70 Walnut Net 164.50

GB-394WX W-70 Oiled Walnut Net 164.50

GB-393WX W-70 Unfinished Net 146.50

SUPER 12/FS/AL 12" SPEAKER, 17,000 lines flux density. Voice coil 12-15 ohms; resonance 30-38 cps; power 12 watts; resp. 30-18,000 cps; depth 7".

GS-445 Shpg. wt., 19 lbs. Net 89.50

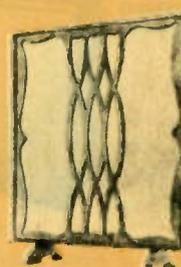
SUPER 8/FS/AL 8" SPEAKER, Resp. 50-20,000 cps; Imp. 8-10 ohms; resonance 55-65 cps; flux density 13,000 lines; power 4 watts.

GS-446 Shpg. wt., 4 lbs. Net 26.50

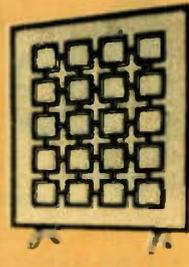
SUPER 3 TWEETER, Range 3,000 to 20,000 cps; imp. 8-15 ohms; flux density 13,000 lines; depth 2½".

GS-447 Shpg. wt., 4 lbs. Net 26.50

AUDAX "SONOTEER" SPEAKER SYSTEMS



CA-70P



CA-70

An amazing, ultra-thin speaker system, only 4" front to back. Can be placed anywhere, singly or in pairs for stereophonic listening. Employs two woofers, two mid-range speakers and one super-tweeter, with the result that the sound is precisely blended, clean and natural. Frequency response: 40-18,000 cycles. Radiation is from both front and back, with a 360 degree dispersion angle, giving depth and spaciousness to the sound. At high volume, the sound is full-bodied, distortion-free; at low volume, each instrument is identified instantly, with all its subtle and delicate tonal shadings over the entire audio spectrum. Can handle 45 watts of integrated program material. 4x21x25". Shpg. wt., 24 lbs.

Model CA-70 "Contemporary" — Oiled Walnut Finish

GB-504WX Net 79.95

Model CA-70P "Provincial" — Fruitwood Finish

GB-505WX Net 89.95

LAFAYETTE **riterion™** **Hi-Fi CABINETRY**

....to decorate your home with music

Lafayette's Criterion Line — the standard of construction and design by which all others are judged.

The Technical Know-How of Lafayette's Audio Engineers Combined with that of America's Finest Furniture Craftsman, bring to you the new Lafayette Criterion Line of Acoustically Correct Hi-Fi Furniture.

The Criterion Stereo Furniture Ensemble

Now your high fidelity listening area can look as good as it sounds. Add the elegance, grace and timeless styling of this decorator inspired furniture grouping to your home music center, but lose nothing in performance. Painsstaking acoustical design by Lafayette's audio engi-

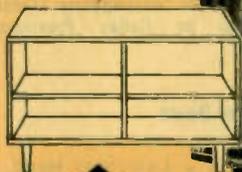
neers provides the best possible relationship between equipment and furniture. The meticulous custom craftsmanship, rich, matched, natural wood veneers and custom hand-rubbed finishes of these fine cabinets are bound to please the most discerning taste.

For Full Details Of Individual Cabinets See Description Below

THE **riterion™** **EQUIPMENT CABINET**

Interior Dimensions each upper compartment

10" H
18 3/4" W
15 3/4" D



12 3/4" H
18 3/4" W
15 3/4" D

Interior Dimensions each lower compartment

89⁵⁰

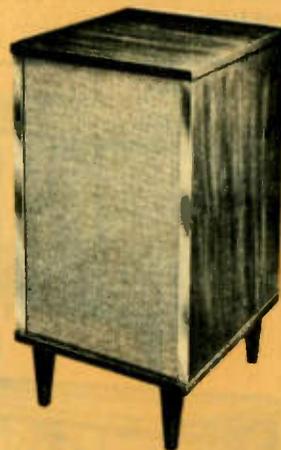
NO MONEY DOWN

Classic simplicity and elegance together with truly functional design characterize this new equipment cabinet. "Component Engineered" by Lafayette's audio experts to provide ample, convenient, well-ventilated accommodations for all of your components. When matched with its companion Criterion Eliptoflex speaker enclosure (described on the right) it forms a complete music center and perfectly matched furniture ensemble. The construction and design reflect the quality contained in these units: cabinets employ rigid tongue and groove construction of 3/4" lumber core woods throughout, with matched veneers inside as well as out. Swinging doors are precision fitted with brass pulls and magnetic catches. Smartly styled with tapered legs and gold side trim. Four compartments provide space for housing turntable or changer, amplifier, tuner, etc. with room for record storage. Available in your choice of fine finishes. Overall Dimensions: 40Wx18Dx32 1/2"H including legs. Shpg. wt. 70 lbs.

| | |
|------------------------|-----------|
| CAB-137WX Walnut | Net 89.50 |
| CAB-138WX Oiled Walnut | Net 89.50 |
| CAB-139WX Mahogany | Net 89.50 |

THE **riterion™** **ELIPTOFLEX SPEAKER CABINET**

59⁵⁰
NO MONEY DOWN



The same graceful, timeless styling and fine construction as the CRITERION equipment cabinet, which it matches. Designed to accommodate any 12" speaker, this enclosure incorporates the inner construction and acoustic principles of the famous Lafayette "Eliptoflex" enclosure. A specially designed elliptical port with diffracting ring broadens frequency response, increases transient response and eliminates cancellation effects between front and rear radiation. This results in low distortion, natural smoothness and unequalled performance in the low ranges. Constructed of 3/4" lumber core woods with hand-rubbed natural wood veneers. Smartly styled with matching grille cloth, gold trim and tapered legs. Overall Dimensions: 32 1/2"Hx18Dx16"W. Shpg. wt., 50 lbs.

| | |
|------------------------|-----------|
| CAB-140WX Walnut | Net 59.50 |
| CAB-141WX Oiled Walnut | Net 59.50 |
| CAB-142WX Mahogany | Net 59.50 |

NOTE: For those who have a space problem Lafayette offers the Eliptoflex speaker enclosure in bookshelf size. A complete range of finishes to match the CRITERION equipment cabinet. See Index for listing.

NEW LAFAYETTE HI-FI COMPONENT SHELF/CONSOLE

Decorator Inspired!!

Group your Components Into A Distinctive, Custom Home Entertainment Center

47⁵⁰

OILED WALNUT FINISH

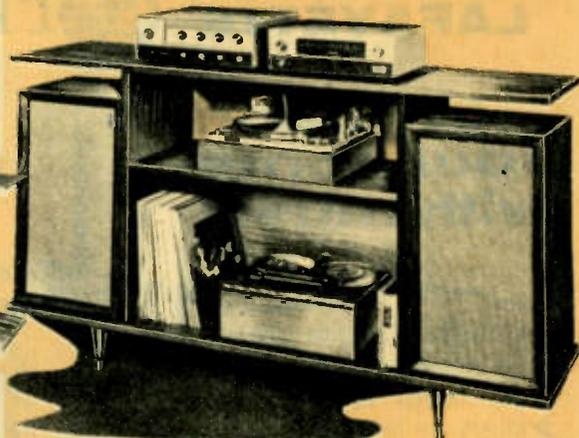
NO MONEY DOWN

28⁹⁵

UNFINISHED

NO MONEY DOWN

FOR BUDGET TERMS SEE PAGE 381



- ROOM FOR ALL YOUR COMPONENTS • STURDY ¾" WOOD NON-WARP CONSTRUCTION • HOLDS OVER 150 RECORDS • AN ATTRACTIVE ADDITION TO ANY HOME - PLACE ALONG A WALL OR USE AS A ROOM DIVIDER

As functional as it is beautiful, this new Lafayette Shelf Console combines the beauty and compact all-in-one convenience of a console with the versatility of a shelf arrangement. The ideal answer to your Hi-Fi Stereo component placement problems — measures 66½" long, yet holds over 150 records with more than enough room for your amplifier, turntable or record changer, tape deck and stereo speakers. Available in both finished and unfinished versions. Both feature ¾" warp-proof construction. Top shelf measures 11Hx31½Wx16"D. Lower shelf is 15¼Hx16Dx3½"W and to protect your records contains a veneered rear panel, finished on both sides to allow placement of the unit as a room divider. Speaker compartments are 27Hx16Dx14¾"W—Large enough to accept virtually all of today's popular bookshelf size units and are spaced far enough apart to provide proper separation for stereo. Overall dimensions: 62½W x16Dx33¾"H including 5" legs. Shipped knocked down—Assembles in minutes.

CK-37WX Oiled Walnut Finish — Shpg. wt. 65 lbs.
CK-36WX Unfinished Chip Board

Net 47.50
Net 28.95

LAFAYETTE CUSTOM CRAFTED EQUIPMENT CABINET

BEAUTIFUL CABINETS DESIGNED TO ENCLOSE YOUR COMPONENTS

As Low As

- Available In A Variety Of Fine Finishes • Rigid ¾" Wood Warp-Proof Construction • "Component Engineered" To Provide Adequate Circulation For Your Equipment

4250

NO MONEY DOWN
NEW!

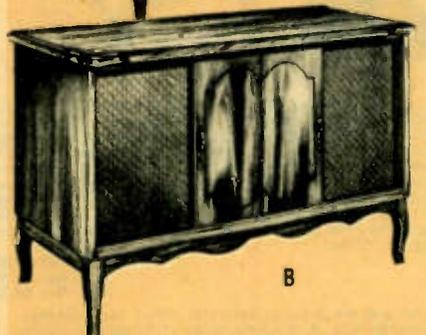
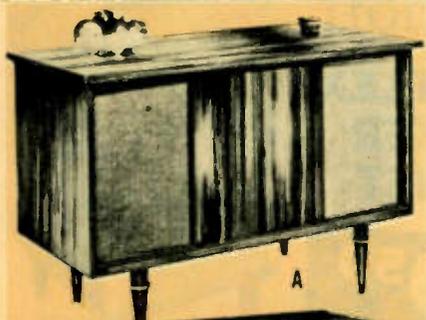
UP TO 24 MONTHS TO PAY SEE PAGE 381

A magnificent example of contemporary furniture design — It's slender, graceful styling is sure to win approval in virtually every fine music room/living room arrangement. Features rigid ¾" wood warp-proof construction with two adjustable center shelves to accommodate virtually any amplifier and tuner. The bottom

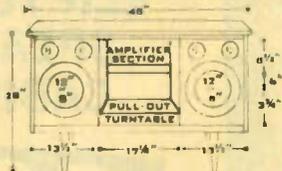
section has room for a pull-out drawer to provide easy access to your record changer. Proper circulation of air around components is maintained by use of a perforated rear panel. Precision fitted swing-out front doors are equipped with magnetic latches. Size: 33¼"H overall (including 5" legs) x18Dx20"W.

CAB-151WX Oiled Walnut Net 52.50
CAB-152WX Walnut Net 52.50

CAB-153WX Mahogany Net 52.50
CAB-154WX Unfinished Birch Net 42.50



COMPLETE ALL-IN-ONE STEREO CABINETS by Casard



8895

Your Choice of Contemporary, French Provincial or Italian Provincial Styling.

No Money Down

- Ample Space For Your Components including Stereo Speakers • Luxurious Hand Rubbed Veneers • Contains Two Sealed Bass-Reflex Ducted-Port Enclosures • Your choice of Contemporary, French Provincial or Italian Provincial Styling

Here's period styling and furniture craftsmanship in the old world tradition. And at Lafayette's low, low price these new all-in-one stereo cabinets represent a superb value. Hand crafted in luxurious ¾" woods and veneers. Cabinets have been acoustically designed to showcase your component stereo systems to its best advantage. Enclosure is structurally reinforced to eliminate cabinet resonance. Speaker sections are acoustically insulated with fiber glass and utilize a sealed, bass-reflex, ducted port construction designed to accept either an 8" or 12" full-range speaker or a two or 3 way speaker system. Speaker enclosure section measures 17x13½x15½". The center or component section is protected by two sliding front panels and features a removable shelf. Lower compartment contains a pull-out mounting base which will accept a turntable or record changer (mounting base requirements are 3" below and 6½" above mounting board). Upper compartment provides ample

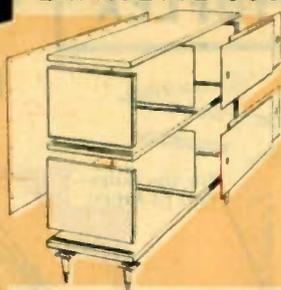
room for a tuner-amplifier combination (receiver) or a separate tuner and amplifier. Compartments measure: Upper—8½Hx17¼Wx15½"D; Lower—9¾x17¼x15½". Available in three superb styles—Contemporary, in your choice of fine Oiled Walnut or Mahogany finishes plus Italian Provincial and French Provincial, both finished in Fruitwood. Special plastic case grill cloth is matched to each style and finish. Overall Size: 48x18x28"H. Shpg. wt. 90 lbs.

- (A) CONTEMPORARY STYLE
- CAB-143WX Oiled Walnut Net 88.95
 - CAB-144WX Mahogany Net 88.95
- (B) FRENCH PROVINCIAL
- CAB-146WX Fruitwood Net 88.95
- ITALIAN PROVINCIAL STYLE (Not Illustrated)
- CAB-145WX Fruitwood Net 88.95

Easy To Assemble



LAFAYETTE CUSTOM CRAFTED EQUIPMENT CABINET KIT



- 3/4" Furniture Grade White Birch
- Fine Contemporary Styling
- Room For All Your Components
- Holds Up To 150 Records

NOW
39.95
NO MONEY DOWN

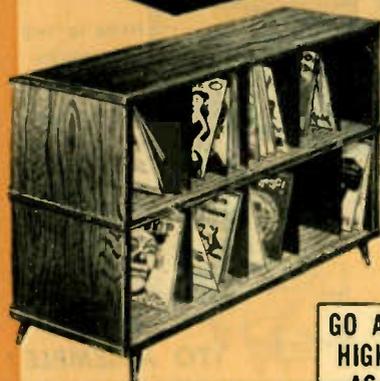
Outstanding Value!

FOR BUDGET TERMS SEE PAGE 381

BUILD THIS ATTRACTIVE EQUIPMENT CABINET YOURSELF AND SAVE UP TO 50% — You needn't be a skilled cabinet maker, you don't even need special tools. An evening of your time and a simple screwdriver is all that's required to assemble this tasteful, functional cabinet. The slim low silhouette styling will enhance any room or decor and is engineered to accommodate all of your components plus room for 150 records. Constructed of 3/4" furniture grade white birch ready for finishing. Back is of 1/4" perforated hardboard to ensure adequate ventilation for equipment. Features include sliding doors with brass finger pulls plus 4" brass ferruled legs. Four spacious compartments are provided each measuring 13"Hx

18"Dx16 1/2"W. An adjustable shelf kit for positioning components and a slide out drawer for record changers are available at extra cost. Overall size 32 1/4"Hx35 1/2"Wx18"D including 4" legs. Complete with detailed illustrated instructions, all parts and hardware.
 CK-32WX Shpg. wt., 40 lbs. Net 39.95
 Accessory Panel or Shelf Kit — Use as shelf or front panel for components. 13x16 1/2x3 1/8" Net 1.65
 CK-33 Shpg. wt., 4 lbs.
 Slide-out drawer for record changers — Installs easily in compartment. Slides extend drawer to 10 3/8". 16x16x3 1/2". Net 6.95
 PK-47W Shpg. wt., 8 lbs.

Easy To Assemble

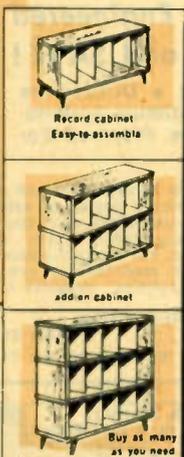


Record cabinet and add-on cabinet with legs

GO AS HIGH AS YOU LIKE

GENUINE 3/4" WALNUT OR HARDWOOD BIRCH RECORD CABINET AND ADD-ON KITS COMPLETE WITH MATCHING LEGS

- Each Cabinet Holds 125 LP'S
- Precision-machined for Easiest Assembly
- Add-on-unit Doubles the Capacity
- Choose from Genuine Walnut or Hardwood Birch
- Compare With Cabinet Selling for Much More



RECORD CABINET KIT
1895 2195
3/4" WHITE BIRCH 3/4" WALNUT

ADD-ON CABINET KIT
1675 1375
WALNUT BIRCH

Now you can store all your phonograph records in a handsome furniture piece that adds to the decor of your home. Constructed of genuine walnut you can stain or finish, or unfinished hardwood birch to paint. Expertly precision-machined at the factory — even the screw holes are set. Complete with four 4" legs, 4 ferrules, 4 brackets, 4 glides. Kit also consists of 2 side pieces, bottom, top, back plate, 4 dividers. All hardware included — all you need is a screwdriver. Complete assembly instructions. Assembled, off legs, the cabinet measures 30Wx14Dx14 1/2"H. Shpg. wt., 34 lbs.

CK-13WX Birch Unfinished Cabinet Kit with Matching Legs Net 18.95
 CK-16WX Walnut Unfinished Cabinet Kit with Birch Legs in Walnut Finish Net 21.95

ADD-ON CABINET

Add-on cabinet gives you double the space without doubling the price. You simply take the top board off the record cabinet, put on the add-on cabinet, and use the top board as the top of the add-on cabinet. Add-on unit kit consists of 2 sides, bottom piece, back plate, 4 dividers. Hardware and instructions included. Assembled it measures 30" wide, 14" deep, 13 3/4" high.
 CK-17WX Birch unfinished kit. Shpg. wt., 29 lbs. Net 13.75
 CK-18WX Walnut unfinished kit Net 16.75

Easy To Assemble



NEW! LAFAYETTE RECORD STORAGE CABINETS

IN KIT OR ASSEMBLED FORM . . . TO COMPLEMENT ANY ROOM OR SETTING.

- ROOM FOR OVER 300 RECORDS
- QUALITY 3/4" WOOD WARP-PROOF CONSTRUCTION

AS LOW AS
29.50
NO MONEY DOWN

EASY PAY PLAN SEE PAGE 381

Tasteful, functional styling at its best—you'll be proud to add this distinctive record storage cabinet to your present room arrangement. The double tier design equipped with dividers easily accommodates over 300 records in their jackets. Solid 3/4" wood warp-proof construction. Available in two basic styles, both identical in size and design. One with easy-glide sliding doors and the other without doors. In addition, the cabinet less doors is available in easy-to-assemble Kit form of ready to finish birch veneer (all that's needed is an evening of your time and a simple screwdriver). Size: 16Dx30Wx33 3/4"H overall including 5" legs. Each shelf is 13"H.

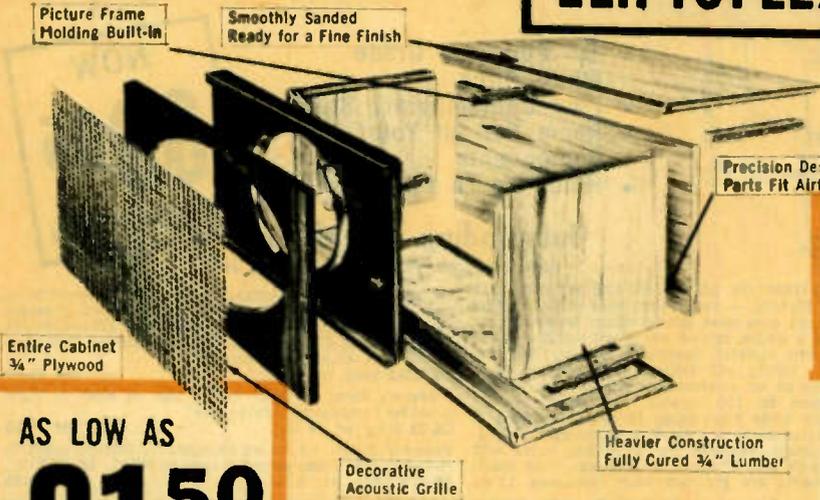
IN EASY TO BUILD KIT FORM. Shpg. wt., 55 lbs.

CK-38WX without sliding doors (Unfinished Walnut) Net 34.95
 CK-39WX without sliding doors (Unfinished Birch) Net 29.50
COMPLETELY ASSEMBLED. Shpg. wt., 55 lbs.
 CAB-149WX without sliding doors (Finished in Oiled Walnut) Net 44.95
 CAB-150WX without sliding doors (Unfinished Birch) Net 34.95
 CAB-147WX with sliding doors (Finished in Oiled Walnut) Net 52.95
 CAB-148WX with sliding doors (Unfinished Birch) Net 41.95

THE FAMOUS LAFAYETTE

ELIPTOFLEX®

SPEAKER CABINET in READY-TO-FINISH, EASY-TO-ASSEMBLE KIT FORM



PHENOMENAL ELIPTOFLEX PERFORMANCE

The loudspeaker is mounted on a recessed baffle board extending partially across the front surface of the cabinet forming ducts or tubes. The elliptical cutout varies the effective length of the duct across its area and provides an extremely smooth transition from duct to free air; broadens frequency response, provides better transient response. A triangular shaped diffracting ring virtually eliminates undesirable cancellation effects and acts as a "lens," changing relative particle velocities and consequently, phase relationships so as to produce a smooth transition from front to rear radiation.

AS LOW AS

21.50

NO MONEY DOWN
BUY ON TIME SEE PAGE 381

Decorative Acoustic Grille

Heavier Construction Fully Cured 3/4" Lumber

Supplied with Interior Acoustic Padding

A Bookshelf-Size Enclosure Engineered by Lafayette Research — ASSEMBLE IT, FINISH IT, and SAVE!

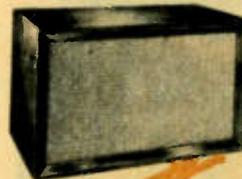
- The Same Speaker Cabinet That Set A New Standard of Excellence • Utilizes the Full Advantages of Efficient 12" Speaker Performance • Provides Optimum Performance Without Use of Expensive Large Wattage Amplifiers • 3 Sides Prepared For Finishing. For Horizontal Placement

This is the same Lafayette Eliptoflex Speaker Cabinet that set a new standard of speaker enclosure excellence—now available in ready-to-finish easy-to-assemble kit form. The easy-to-follow instruction sheet, with large pictures, guide you step-by-step for easy assembling. When completely assembled and highlighted with your favorite finish—you'll be amazed at the professional looking results.

You'll also appreciate the engineering excellence of this speaker cabinet. The Eliptoflex utilizes a unique elliptical port which broadens frequency response and provides better transient response. A specially engineered diffracting

ring eliminates cancellation effects between front and rear radiation. The "Eliptoflex" achieves a degree of natural smoothness, low distortion and rich robust bass. Due to its highly efficient design characteristics, costly high wattage amplification not required. The Kit is available in either ready-to-finish birch or in ready-to-finish genuine walnut veneer. Assembled the "Eliptoflex" measures 14Hx 23 3/4 W x 13 1/4 D. Shpg. wt., 24 lbs.

CK-14WX Ready-To-Finish "Eliptoflex" Speaker Cabinet Kit in Birch Net 21.50
CK-34WX Ready-To-Finish Kit with Walnut veneer Net 24.50



HERE IS THE ELIPTOFLEX COMPLETELY ASSEMBLED



Pat. Applied for in U.S.A., England and Canada

EASY TO ASSEMBLE!

Lafayette BASS REFLEX SPEAKER BOOKSHELF ENCLOSURE KIT FOR 8" or 6" SPEAKERS

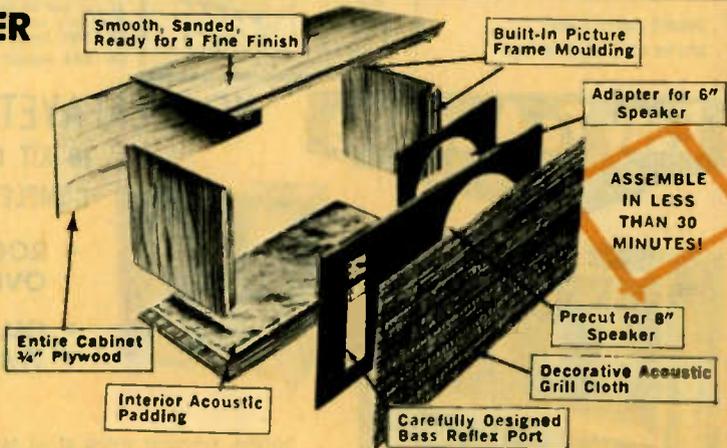
Not 1/2", But 3/4" Furniture Grade White Birch Or Walnut Veneer

10.95

AS LOW AS

compares to cabinets priced at \$35

- Precision Cut—Fits Together Smoothly
- Adapts for 8" or 6" Speakers • Easy To Follow Pictorial Instructions • Versatile—Use As Floor or Bookshelf Enclosure



ASSEMBLE IN LESS THAN 30 MINUTES!

BUILD IT YOURSELF . . . All that's required to construct this excellent bookshelf speaker enclosure is a screwdriver and thirty minutes of your time. Expensive woodworking equipment isn't needed—each cabinet component has been precision cut and fits together perfectly. There's nothing else to buy . . . acoustic padding, grill cloth and hardware are provided. Use any 8" or 6" speaker; the mounting board has been precut for 8" speakers and an adapter is supplied for 6" speakers.

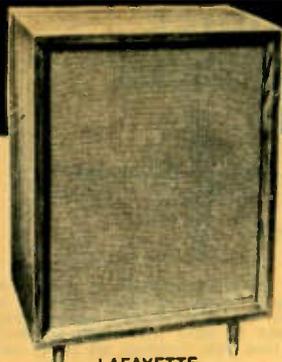
Designed for horizontal placement in a bookshelf, along a wall etc. Constructed of 3/4" veneers on 3 sides with handsome picture frame moulding. You save even more by finishing this kit yourself—the 3 sides are smoothly sanded furniture grade wood; ready for a finish you'll be proud of. (See Lafayette's

professional finishing kits). Dimensions: 23x9 1/2 x 11". Available in either birch or walnut unfinished veneers.

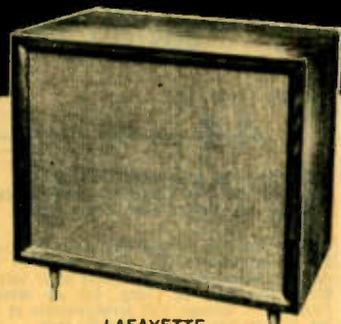
- CK-31WX Birch Kit Shpg. wt., 15 lbs. Net 10.95
- CK-35WX Walnut Kit Net 13.95
- Speakers for Lafayette CK-31 Cabinet Kit. Lafayette 8" Duo-Cone Speaker; 40-16,000 cps response. Net 9.95
- SK-98 Shpg. wt., 5 1/2 lbs. Lafayette 6 1/2" Coaxial Speaker; 50-16,000 cps response. Net 6.95
- SK-97 Shpg. wt., 3 1/2 lbs.

LAFAYETTE "UNIVERSAL" HI-FI BASS REFLEX SPEAKER ENCLOSURES FOR UNITARY—2 WAY OR 3 WAY SYSTEMS

LAFAYETTE UNIVERSAL SPEAKER ENCLOSURES are "universal" in the sense that almost any combination of speakers can be installed in the cabinet. Has cutout for 15" speaker plus adapter for 12". Also a cutout for 8½" or 8" speaker plus adapter for 5" and blank wood block if such speakers are not desired. In addition, a tweeter opening is provided for most standard tweeters, plus adapter for Lafayette HK-3, HW-7 or similar type plus blank wood block if no tweeter is used. Solidly constructed of ¾" stock. Finished models of genuine veneers of the original wood. Universal speaker panel is detailed with picture frame moulding and covered with pleasing plastic grille. 5" tapered offset legs are edge-tipped with brass ferrules. Lined internally with acoustic material. Size of lowboy (less legs) 28½"Wx23½"Hx16¾"D. Same Size for highboy with height and width interchanged. Shpg. wt., 54 lbs.



LAFAYETTE UNIVERSAL HIGHBOY BASS REFLEX ENCLOSURE



LAFAYETTE UNIVERSAL LOWBOY BASS REFLEX ENCLOSURE

THESE CABINETS ARE COMPLETELY ASSEMBLED AND FINISHED SEE BELOW FOR THESE CABINETS IN KIT FORM

| Stock No. | Style | Finish |
|-----------|---------|----------|
| CAB-19WX | Highboy | Mahogany |
| CAB-20WX | Lowboy | Mahogany |
| CAB-21WX | Highboy | Walnut |
| CAB-22WX | Lowboy | Walnut |

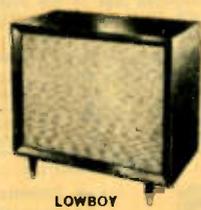
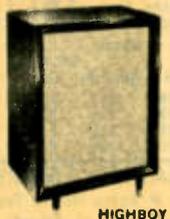
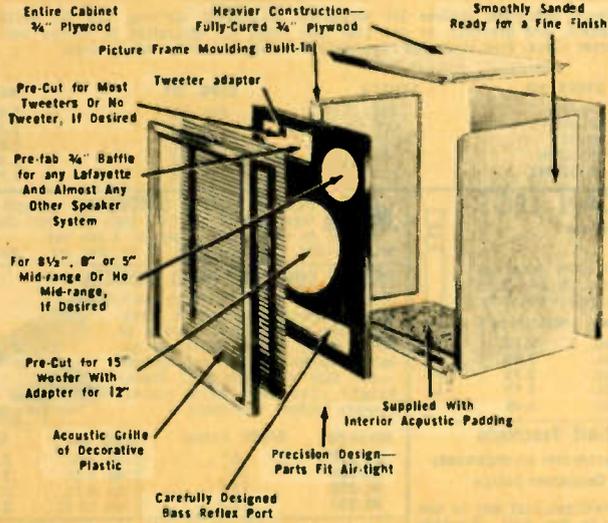
Net EACH ANY TYPE

52⁵⁰

UP TO 24 MONTHS TO PAY SEE PAGE 381

BUILD-YOUR-OWN EASY-TO-ASSEMBLE LAFAYETTE SPEAKER ENCLOSURES AT TREMENDOUS SAVINGS TO YOU!

LAFAYETTE UNIVERSAL HI-FI BASS REFLEX ENCLOSURE KITS



- EASIEST TO ASSEMBLE — ALL YOU NEED IS A SCREWDRIVER!
- ¾" WHITE BIRCH
- PRECISION-CUT — FITS TOGETHER SMOOTHLY
- PERFECT FOR SINGLE WIDE RANGE, 2-WAY OR 3-WAY SPEAKER SYSTEMS
- HIGHBOY OR LOWBOY STYLE



A LAFAYETTE BEST BUY

29⁹⁵

NO MONEY DOWN

All pieces of these carefully designed bass reflex high fidelity speaker enclosures are accurately pre-cut of ¾" Plywood to fit snugly together and eliminate spurious resonances. Surface is white birch veneer. Front panels have picture-frame moulding and plastic acoustic grilles to blend with any finish and room decor. Tapered offset legs are protected by brass ferrules. Acoustic lining material prevents reverberation and cabinet resonance. Cutouts are provided for 15" speaker plus adapter for 12" 8½" or 8" midrange plus adapter for 5" and blank wood block if no midrange speaker is used; cutout with adapter boards for 2 sizes of rectangular and 3 sizes of round compression horn tweeters plus blank block if no tweeter used. Thus, any single

wide-range 12" or 15" speaker may be used, or any Lafayette 2 or 3-way speaker system, or almost any other combination of speakers. Kits are supplied unfinished, smoothly sanded and ready for finishing. The lowboy-style cabinet dimensions are (less legs) 28½"Wx23½"Hx16¾"D; legs are 7" high. Highboy has same dimensions with height and width interchanged. Instructions, all parts, hardware, and grille are included. Shpg. wt., 54 lbs.

CK-10WX Unfinished Highboy Enclosure Kit Net 29.95
 CK-11WX Unfinished Lowboy Enclosure Kit Net 29.95



LAFAYETTE OILED WALNUT FINISHING KIT

269

Use this professional walnut oiling kit to achieve a beautiful oil finish on all walnut furniture... as well as an attractive walnut colored finish on light colored woods, such as birch. Materials are identical to those used by professional finishers; kit contains walnut oiling mixture, walnut paste wax, sandpaper and instructions. Shpg. wt., 2 lbs. Net 2.69

OILED WALNUT STAIN FOR LIGHT WOODS
 To be used with MS-592 for an attractive walnut-colored finish on light-colored woods, such as birch, etc. MS-931 Shpg. wt., 1 lb. Net .89

LAFAYETTE PROFESSIONAL FINISHING KITS



- TRULY PROFESSIONAL FINISH
- COMPLETE WITH EVERYTHING YOU NEED

3⁵⁰

- EASY-TO-FOLLOW INSTRUCTIONS

A real deluxe finishing kit containing all you need to give a professional furniture finish to your cabinets. There is nothing extra to buy and no mixing of ingredients required. Kit contains 2 cans of high gloss varnish, and one each of filter-stain, sealer, and solvent, brush and sandpaper plus complete easy-to-follow directions for obtaining various types of finish. You'll be surprised at how your finished cabinet will compare with commercial work because the kit was designed by professional woodworkers. Shpg. wt., 6 lbs.

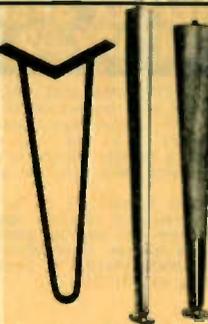
| Stock No. | Finish |
|-----------|---------------|
| MS-584 | Walnut |
| MS-585 | Mahogany |
| MS-586 | Fruitwood |
| MS-587 | Cherry |
| MS-588 | Golden Oak |
| MS-698 | Maple |
| MS-697 | Harvest Wheat |
| MS-589 | Ebony |

CUSTOM HI-FI INSTALLATION ACCESSORIES

TAPERED LEGS IN HARDWOOD, BRASS AND WROUGHT IRON

• Easy to Attach • Hardwood & Brass Legs Have Self-leveling Guides • Give Contemporary Look to TV Sets, Cabinets, Bookcases, Other Furniture

Sets of 4 legs, beautifully designed to complement hi-fi cabinets, radios, record players, book-cases, etc. Make any TV set a console! All types are easily attached. Unfinished hardwood legs are 1 3/4" in diameter at top, with graceful taper. Sanded and ready to finish, with brushed brass ferrule at tip. Adjust to straight or flared style after attaching platform! Includes self-leveling swivel glide; complete with hardware. Brass legs feature all steel, rust resistant tubular construction with fine lacquered brass electroplate finish. Automatic self-leveling, self-locking guide; complete with hardware. Wrought iron legs are "hairpin" style, sturdily constructed of 3/8" rod with welded steel top already drilled for insert of screws. Perfect for home-built benches,



| Ht. | Hardwood, Unfin. | | | Satin Brass | | | Wrought Iron | | |
|-----|------------------|----------------|--------------|-------------|----------------|--------------|--------------|----------------|--------------|
| | Stock # | Shpg. Wt. Lbs. | Set of 4 Net | Stock # | Shpg. Wt. Lbs. | Set of 4 Net | Stock # | Shpg. Wt. Lbs. | Set of 4 Net |
| 4" | ML-96 | 1 1/2 | 2.19 | ML-87 | 2 3/4 | 3.73 | ML-53 | 3 1/2 | 2.25 |
| 6" | ML-76 | 1 3/4 | 2.25 | | | | | | |
| 8" | ML-99 | 2 1/2 | 2.63 | | | | | | |
| 12" | ML-77 | 2 1/2 | 2.98 | ML-88 | 4 | 4.50 | ML-54 | 5 | 2.48 |
| 14" | ML-102 | 3 1/4 | 3.41 | | | | | | |
| 16" | ML-78 | 3 1/4 | 3.75 | ML-89 | 5 1/4 | 5.25 | | | |
| 18" | ML-103 | 4 | 3.97 | | | | | | |
| 22" | ML-79 | 4 1/4 | 4.15 | ML-90 | 6 3/4 | 6.00 | ML-55 | 6 1/2 | 2.89 |
| 24" | | | | | | | | | |
| 28" | ML-80 | 4 1/2 | 4.50 | ML-91 | 8 1/4 | 6.75 | ML-56 | 8 | 4.40 |
| | | | | | | | ML-57 | 9 1/2 | 4.80 |

FURNITURE FINISH TAPERED LEGS

• Molded In Unbreakable Hi-Impact Plastic

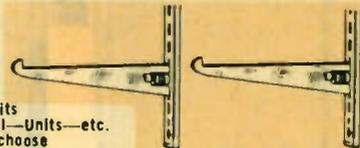
Molded in high-impact plastic—a mar proof, scratch proof—virtually indestructible, pre-finished leg. Wood tone colors are molded in—no further finishing is required. Bracket permits straight or angle mounting. Auto-adjust, self leveling ferrules. Three wood tone finishes to match most furniture colors. Set of four legs—complete with hardware.



| Ht. | Mahogany | | | Walnut | | | Ebony | | |
|-----|----------|----------|--------------|---------|----------|--------------|---------|----------|--------------|
| | Stock # | Shp. Wt. | Set of 4 Net | Stock # | Shp. Wt. | Set of 4 Net | Stock # | Shp. Wt. | Set of 4 Net |
| 4" | ML-181 | 1 1/2 | 2.21 | ML-185 | 1 1/2 | 2.21 | ML-189 | 1 1/2 | 2.21 |
| 6" | ML-182 | 1 3/4 | 2.80 | ML-186 | 1 3/4 | 2.80 | ML-190 | 1 3/4 | 2.80 |
| 12" | ML-183 | 2 1/2 | 4.09 | ML-187 | 2 1/2 | 4.09 | ML-191 | 2 1/2 | 4.09 |
| 14" | ML-184 | 3 1/4 | 4.47 | ML-188 | 3 1/4 | 4.47 | ML-192 | 3 1/4 | 4.47 |

CUSTOM SHELF ACCESSORIES

AS LOW AS
.44 per Pair



- Designed for open-shelf Hi-Fi units
- Create your own Bookshelf—Wall—Units—etc.
- Go as High and as Wide as you choose

Change blank walls into the most functional and attractive areas in your home. Easily installed—adjust shelf height in seconds—create an infinite number of designs. Brackets are adjustable at 1" intervals, locking nut tightens against strip. Strip standards, 12" long, can be interlocked to make any length standard. Change and enlarge wall arrangements at any time. Slim standards are barely visible. Shelves have an airy, floating look.

| Shelf Width | Gold | Silver | Black | Shpg. Wt. | Net per pair |
|-------------|--------|--------|--------|-----------|--------------|
| 6" | ML-272 | ML-276 | ML-280 | 8 oz. | .44 |
| 8" | ML-273 | ML-277 | ML-281 | 10 oz. | .50 |
| 10" | ML-274 | ML-278 | ML-282 | 12 oz. | .64 |
| 12" | ML-275 | ML-279 | ML-283 | 14 oz. | .77 |

Strip Wall Standards. 12" long, interlock to any desired lengths. Shpg. wt., 6 oz. Imported.

| | | |
|--------|--------|-------------|
| ML-284 | Gold | Net ea. .18 |
| ML-285 | Silver | Net ea. .18 |
| ML-286 | Black | Net ea. .18 |

FINE FURNITURE FINISHED SHELVES

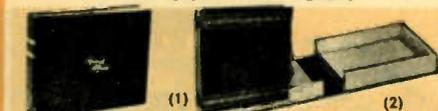
- Prefinished in Walnut
- All Six Sides Squared
- Fine Edge-Glued Hardwood



Dennix Hardwood Shelves are kiln-dried to prevent warping. Use for dividers, spacers, and brackets, or use your own ideas for utilization of wasted wall or corner space. Fine hardwood beautifully finished in walnut. All 8" deep.

| STOCK NO. | LENGTH | SHPG. WT. | NET |
|-----------|--------|------------|------|
| ML-319 | 24" | 3 1/2 lbs. | 2.98 |
| ML-320 | 30" | 4 1/2 lbs. | 3.38 |
| ML-321 | 36" | 5 1/2 lbs. | 4.05 |
| ML-322W | 48" | 7 1/2 lbs. | 6.10 |
| ML-323WX | 60" | 9 1/2 lbs. | 8.10 |

RECORD ALBUMS



(1) RECORD ALBUM — Durable. Holds 12 records. A set of these handsome maroon albums with gold lettering will add to the appearance of your record library. Shpg. wt., 1 lb.
PK-296 for 7" records Net .63

(2) LP ALBUM BOXES — Stores records in jackets. Dust proof. Rigid overlapping sides. Covered in washable, durable Kyvar with chestnut board, deeply padded covers. Beautiful wine-maroon, gold embossed. Shpg. wt., 3 lbs.
PK-241 Holds 15 - 12" Records Net 1.95

RECORD CARRYING CASES



FOR 12" RECORDS
(Fig. A) Handsome case holds 60 — 12" records without jackets, 36 with. Solid wood frame lock corner construction. Covered with Pyralpin coated cloth, washable and long wearing. Two tone. Sure-hold lock. Complete with numbered separators and Index. 13 1/4 x 7 x 14 1/2". Shpg. wt., 7 lbs.
PK-458 Net 5.75

FOR 7" RECORDS
(Fig. B) Same construction as above. Double sided. Holds 120 records. 15 1/2 x 7 x 8 3/4". With index and separators. Shpg. wt., 7 lbs.
PK-459 Net 5.25

(Fig. C) Sturdy metal case with handle. Holds 60 records. With index and separators. 9 x 5 1/2 x 8". Shpg. wt., 4 lbs.
PK-460 Net 2.45

EARLY AMERICAN LEGS

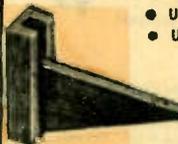
- Extra Heavy Top Plate
- Easy to Attach

Unfinished legs in the popular early American motif. Made of fine furniture quality kiln-dried hardwood. Smoothly sanded, ready for finishing.

| Stock No. | Ht. | Shpg. wt. | Net set of 4 |
|-----------|-----|------------|--------------|
| ML-324 | 6" | 1 1/2 lbs. | 2.22 |
| ML-325 | 12" | 2 1/4 lbs. | 2.99 |
| ML-326 | 16" | 3 1/4 lbs. | 3.75 |
| ML-327 | 22" | 3 3/2 lbs. | 4.13 |
| ML-328 | 28" | 4 1/2 lbs. | 4.49 |

ROCK MAPLE Shelf Brackets

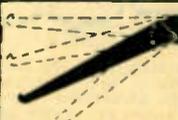
- Unlimited Decorator Arrangements
- Unyielding Cantilever Design



The easiest-quickest way to add shelves to any wall. Brackets and standards are of solid maple-steel reinforced. Will support hundreds of pounds. Unique gripping method assures slip-proof, firm hold and perfect alignment. Simple to build with no holes to drill—just screw into place. Extremely versatile—build as high or as wide as you like. Perfect for record storage—hi-fi installations—bookshelves—decorator display. Satin smooth—ready for finish.

| Stock No. | Description | Shpg. Wt. | Net Per Pair |
|-----------|------------------|------------|--------------|
| ML-141 | 6" bracket | 3/4 lb. | .68 |
| ML-142 | 8" bracket | 3/4 lb. | .78 |
| ML-143 | 10" bracket | 1 lb. | .88 |
| ML-144 | 12" bracket | 1 1/2 lbs. | .98 |
| ML-145 | 14" bracket | 2 lbs. | 1.18 |
| ML-146 | 13 1/2" Standard | 2 lbs. | .98 |
| ML-147 | 6" Standard | 8 oz. | .68 |

MAGAZINE SHELF BRACKET



New, adjustable support for wall magazine rack. Adjust to four positions, up to a 45° angle. Finish Silvertone or Satin Brass

| Finish | Stock No. | Shelf Width | Shpg. Wt. | Per Pair Net |
|-------------|-----------|-------------|-----------|--------------|
| Silvertone | ML-206 | 12" | 1 lb. | 2.33 |
| Satin Brass | ML-208 | 12" | 1 lb. | 2.63 |

PLASTIC FLOOR GUIDES for wrought iron legs, straight or flare top. Prevents damage to carpet and linoleum. 4 per set.
ML-117—Set of 4. Shpg. wt., 4 oz. per set Net .45

PRE-FAB COMPLETE WOOD DRAWERS

Attach easily to underside of shelf, kitchen cabinet, workbench, desk, etc. Ideal for general storage of small items. Drawer fronts of selected hardwoods, sanded smooth —15" face width and 2 3/4" drawer height. Complete with slides, screws; factory assembled

| Stock No. | Depth | Overall | Shpg. Wt. | Net |
|-----------|-------|---------|---------------|------|
| ML-293 | 8" | | 2 lbs. 2 oz. | 2.25 |
| ML-294 | 10" | | 2 lbs. 6 oz. | 2.48 |
| ML-295 | 12" | | 2 lbs. 8 oz. | 2.70 |
| ML-296 | 14" | | 2 lbs. 10 oz. | 2.93 |

"DO-IT-YOURSELF" SHELF SPACERS

- No sawing, hammering, or fancy tools needed

The newest accessory for assembling hi-fi units, chests, cabinets, shelves, etc. Unique, interchangeable dowel and hole design permits quick and easy attachment. Spacers are available in 10 or 14" heights. Bottom leg is 4" high—matching cap for top finish. Genuine northern hardwood 1 1/2" stock, sanded and ready for finishing. Makes possible thousands of shelf combinations. Simplest quickest means of building or altering units to your needs.

| | | |
|------------------|-------------|-------------|
| ML-92—10" spacer | — Wt. 6 oz. | Net .59 ea. |
| ML-93—14" spacer | — Wt. 8 oz. | Net .83 ea. |
| ML-94— cap | — Wt. 1 oz. | Net .10 ea. |
| ML-95— 4" leg | — Wt. 3 oz. | Net .19 ea. |

12" LAZY SUSAN BEARING

- COMPACT — INTERLOCKED UNIT
- USES 140 BALL BEARINGS
- MAKE TURNABLES OF ALL KINDS



Unlimited versatility in making and assembling turntables and rotating fixtures of all kinds. 12" diameter ball race plus 140 precision made steel ball bearings insure maximum stability for the larger items such as T.V. sets, tables, etc. Can also be used for corner cabinet shelves—book stands—coffee tables—storage, etc. Attaches easily to first and second surface. One unit construction—no loose parts. Center opening allows for center post. 6 1/2" I.D. Shpg. wt., 2 lbs.
HD-428 Net 2.66

LAFAYETTE AUTOMATIC RECORD CHANGERS

MADE EXCLUSIVELY FOR LAFAYETTE by GLASER-STEERS

LOOK AT THESE OUTSTANDING FEATURES!



- AUTOMATIC 4-SPEED CHANGER — PLAYS 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM RECORDS AUTOMATICALLY OR MANUALLY
- SUPERB FOR STEREO OR MONAURAL USE
- AUTOMATIC SHUT-OFF AFTER COMPLETION OF LAST RECORD
- JAM-PROOF TONE ARM AND MECHANISM
- FULL 11" TURNTABLE WITH BLACK RIBBED RUBBER MAT
- BUILT-IN ANTI-SKATE DEVICE PROTECTS YOUR RECORDS
- ASTATIC TURNOVER CARTRIDGE WITH 50-15,000 CPS RESPONSE
- INTERMIXES 1" STACKS OF 7", 10" AND 12" RECORDS
- ADJUSTABLE STYLUS PRESSURE
- DIE-CAST ALUMINUM ONE-PIECE TONE ARM
- AUTOMATIC IDLER RETRACTION

A superb new 4-speed, High Fidelity Automatic record changer made exclusively for Lafayette by Glaser-Steers, an outstanding leader in the development of high quality, reliable record changers. This New Lafayette changer has been designed to give the highest standard of performance and dependability. Extremely low Wow, flutter, and rumble. Plays 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM records automatically or manually and Intermixes 7", 10" and 12" records. Superb for stereo or monaural use. Built-in anti-skate device prevents tone arm from shooting across the delicate record grooves. Built-in "pop filter" eliminates annoying popping sound between cycles. Automatic shut-off after completion of last record. Arm returns to rest even on manual play. Mass-balanced, one-piece Die-Cast Aluminum tone arm acoustically engineered to accurately and gently perform all its necessary functions. Specially designed motor is dynamically balanced and isolated by rubber mounts. Precision pivot system assures you of feather-light tracking. Special spring suspension ensures freedom from internal vibration. Attractive finish in antique white with contrasting black accessories. Complete with line cord and all connecting cables. For 110/120V, 60 cycles AC. Dimensions—11 $\frac{1}{2}$ "x13 $\frac{1}{8}$ ". Requires 4 $\frac{3}{4}$ " above mounting board, 2 $\frac{3}{4}$ " below mtg. board. Shpg. wt., 8 lbs.

NO MONEY DOWN FOR BUDGET TERMS SEE PAGE 381

ONLY **24⁵⁰** LESS BASE

- | | |
|---|-----------|
| PK-750W Less Base | Net 24.50 |
| PK-753 45 RPM Spindle for above | Net 1.80 |
| PK-749W Walnut base for above | Net 4.50 |
| PK-747W Mahogany base for above | Net 3.95 |
| PK-752W Unfinished mtg. board for above | Net 1.10 |

MADE BY ADMIRAL FOR LAFAYETTE

THE ADMIRAL ENSIGN WITH NEW ADDED FEATURES

LAFAYETTE'S SENSATIONAL LOW, LOW PRICE ON ADMIRAL'S NEWEST AND MOST POPULAR ENSIGN CHANGER

- 4-Speed—16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM.
- Plays Stereo or Monaural Records
- Quality Ceramic Turnover Stereo Cartridge
- Automatic 3-Way Shut-Off
- Intermixes Records of Same Speed
- Heavy Duty Constant Motor
- Single Knob Speed/Function Control

The Admiral "Ensign" is an exceptional value offered by Lafayette. Feature for Feature, this record changer matches or exceeds more costly units. Built for compatibility with both stereophonic and monaural records. The balanced featherweight tone arm operates at only 5-7 grams of needle pressure to minimize record wear. Arm is equipped with Flip-Type Ronette ceramic stereo cartridge. Heavy precision turntable without any noticeable hum, rumble, or wow. Drive wheel disengages in neutral position, thus preventing rumble producing flat spots. Plays 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM records. Intermixes 10" & 12" records of the same speed. Plays records manually if desired. Single knob speed/function control switch. Automatic 3-way shut-off after last record. 117VAC, 60 cycles. Compact and exceptionally functional, only 13 $\frac{1}{2}$ "x12"x7 $\frac{1}{2}$ ". 3" below & 5 $\frac{1}{2}$ " above mounting board. Beautiful brown & gold finish. Shpg. wt., 12 lbs.

- | | |
|------------------------------------|-----------|
| PK-800W Less base | Net 18.95 |
| PK-806W Walnut Base for above | Net 4.50 |
| PK-807W Mahogany Base for above | Net 3.95 |
| PK-808W Mounting Board for above | Net 1.10 |
| PK-809 45 R.P.M. Spindle for above | Net 1.49 |



ONLY **18⁹⁵**

LESA Model CD 2/21 Stereo Record Changer

The fully automatic jam-proof changer plays up to eight records of any size, with automatic intermix. Easy to operate—only two controls for all cycles, speed selection, start, stop and reject. Fast 6 second change cycle. Automatically shuts off after last record. Rumble, flutter and wow are extremely low — compares with professional turntables. Other features include a heavy duty 4-pole motor, and a high inertia turntable. Non-resonant tone arm is equipped with a universal 4-terminal plug-in shell, prewired for monaural and stereo. Two tone gray. Size: 13 $\frac{1}{2}$ x11 $\frac{1}{2}$ ", requires 4" above and 3 $\frac{3}{4}$ " below. Shpg. wt., 17 lbs. Lesa CD 2/21 Automatic changer, less cartridge, less base. Net 44.50

- | | |
|--|---------------|
| PK-754W Lesa CD 2/21 plus Pickering U38/AT cartridge | ANY ONE 44.51 |
| PK-755W Lesa CD 2/21 plus Empire 880 cartridge | |
| PK-756W Lesa CD 2/21 plus Shure M3D cartridge | |

LESA CD 3/31 AUTOMATIC RECORD CHANGER

Brand new Lesamatic changer. Professional Pick-Up arm with a stylus pressure Gauge and counterbalance adjustment screw with marked gram measurements. Large heavy high-inertia, non-magnetic turntable dynamically balanced for elimination of wow and flutter. Heavy Duty, Shaded, 4-Pole Motor. Equipped with interchangeable spindle for manual operation. Silver-gray, polished aluminum and dark gray finish. Dim. 13 $\frac{1}{2}$ x11 $\frac{1}{2}$ ". Shpg. wt., 20 lbs. Net 69.50

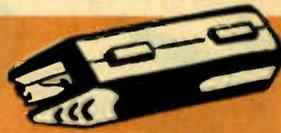
- | | |
|---|---------------|
| PK-757WX Lesa CD 3/31 plus Pickering U38/AT cartridge | ANY ONE 69.51 |
| PK-758WX Lesa CD 3/31 plus Empire 880 cartridge | |
| PK-759WX Lesa CD 3/31 plus Shure M3D cartridge | |

ACCESSORIES FOR LEsa CD 2/21 and CD 3/31 RECORD CHANGER

- | | |
|----------------------------|----------|
| GR-199W Wood base—walnut | Net 4.75 |
| GR-200W Wood base—mahogany | Net 4.75 |
| GR-197 45 RPM Spindle | Net 3.75 |

EXACT REPLACEMENT PLUG-IN CARTRIDGES

AS LOW AS 1.69



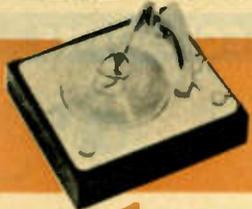
Shpg. wt., 4 oz.

STEREO DUAL SAPPHIRE Replaces Astatic 13T and E.V. 13. Has .7 mil. and 3 mil. sapphire styli. Net 2.98

STEREO DIAMOND-SAPPHIRE Replaces Astatic 13TX and E.V. 13DS. Has .7 mil. diamond and 3 mil. sapphire styli. Net 4.70

MONAURAL DUAL SAPPHIRE Replaces Astatic 81T and E.V. 81. Has 1 mil. and 3 mil. sapphire styli. Net 1.69

MONAURAL DIAMOND-SAPPHIRE Replaces Astatic 81TX and E.V. 81DS. Has 1 mil. diamond and 3 mil. sapphire styli. Net 3.39



SPECIAL **1¢** SALE



SPECIAL **1¢** SALE

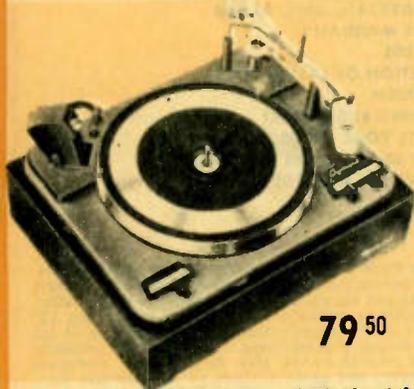
Garrard

High Fidelity RECORD PLAYING EQUIPMENT

MODEL "A" AUTOMATIC TURNTABLE

Wired For Stereo and Monaural

- 4-SPEED



79 50

A precision turntable and tone arm with the convenience of automatic record changing. It has many quality features found only in professional manual players. Polished 6 lb. cast turntable. "Laboratory balanced," 4 pole shaded constant speed motor is completely shielded. Tone arm is dynamically balanced with adjustable counterweight and spring tension — no side pressure on groove. Tracking force is set by sliding knurled knob along scale. Pusher changing mechanism featuring 1 piece center spindle. Level adjusted without tools, using knurled knob. Five wire system, fully wired for stereo — utilizing separate ground wire to minimize residual hum. Dimensions: 16 3/4" across x 14 1/4", 6" above and 2 7/8" below motor board. Complete with line cord, pickup leads, plug-in shell, mounting hardware, standard and manual spindles, 45 rpm adaptor. Less cartridge and automatic 45 rpm spindle. For 100-130 VAC 60 cycle. Richly finished in grey, charcoal and chrome. Shpg. wt., 19 lbs. Imported from England. GR-166WX Less cartridge and base Net 79.50

MODEL AT 6 AUTOMATIC TURNTABLE

Wired for stereo and monaural

- 4-SPEED



54 50

A new, moderately priced automatic turntable designed to combine deluxe features with compactness. Tubular tone arm dynamically counter-balanced with adjustable counterweight; has built-in gram scale. Oversize turntable for perfect balance, heavy flywheel action. Quiet, powerful, 4-pole shaded motor. Completely separate automatic and manual controls; 2 spindles with short spindle for playing records singly. Replaceable plug-in cartridge shell with bayonet connector permits use of any cartridge. Richly finished in grey, charcoal and chrome. Dimensions: 15 3/4" left to right, 13 1/2" front to rear, 4 7/8" above and 2 7/8" below top of motor board. Additional 1 1/2" required at rear of arm and on right side for clearance of counterweight. For 100-130 VAC. 60 cycles. Shpg. wt., 12 lbs. Imported from England. GR-167W Less Cartridge Net 54.50

AUTOSLIM "P" AUTOMATIC INTERMIX CHANGER

Wired for stereo and monaural

- NOW WITH PLUG IN HEAD • 4-SPEED



NEW!

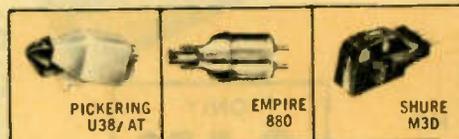
39 50

An ultra-compact, automatic-manual changer at a remarkably low price. Only 6 1/4" overall height. Intermixes all records, i.e. records of different sizes can be stacked in any sequence. Separate manual and automatic controls — featuring Garrard's new center-changing mechanism. The Autoslim employs a new type of turntable and a 4-pole shaded motor, achieving balance and quiet turning. Richly finished in grey, charcoal and chrome. Dimensions: 14 1/4" left to right; 12 1/2" front to rear; 4 3/8" above top of motorboard, 2 7/8" below. For 100-130 VAC, 60 cycles. Shpg. wt., 9 lbs. Imported from England. GR-168W Less cartridge Net 39.50

1¢ Sale!

SAVE UP TO 54%

Purchase any Garrard Changer and Get Any of These Famous Hi-Fi Cartridges Installed at Only 1¢ Additional



CARTRIDGES ONLY

| | |
|--------------------------|-------|
| GD-227L PICKERING U38/AT | 46.50 |
| GD-328L EMPIRE 880 | 42.50 |
| GD-272L SHURE M3D | 44.10 |

CHANGERS WITH CARTRIDGES

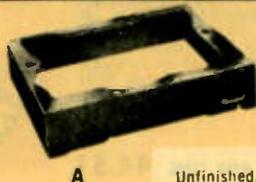
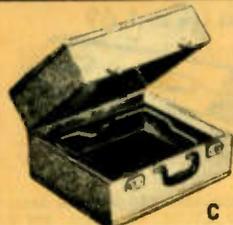
| STOCK NO. | GARRARD MODEL | CARTRIDGE SUPPLIED | NET |
|-----------|---------------|--------------------|-------|
| PK-658WX | A | PICK. U38/AT | 79.51 |
| PK-659WX | A | EMPIRE 880 | 79.51 |
| PK-660WX | A | SHURE M30 | 79.51 |
| PK-661W | AT6 | PICK. U38/AT | 54.51 |
| PK-662W | AT6 | EMPIRE 880 | 54.51 |
| PK-663W | AT6 | SHURE M3D | 54.51 |
| PK-664W | AUTOSLIM "P" | PICK. U38/AT | 39.51 |
| PK-665W | AUTOSLIM "P" | EMPIRE 880 | 39.51 |
| PK-666W | AUTOSLIM "P" | SHURE M3D | 39.51 |



GARRARD
TAMBOUR
TABLE
CABINETS

Beautifully built of stain and scuff resistant formica in rich walnut color. Cover recesses as shown in insert. Records may be played with case closed Precut mtg. board. Size 15 1/2 x 10 1/4 x 18" W. Shpg. wt., 15 lbs. PK-668WX For Model A Net 34.50
PK-669WX For AT-6, Autoslim Net 34.50
PK-670WX With Uncut Board Net 34.50

GARRARD BASES, BOARDS, CASES, DUST COVERS AND ACCESSORIES



WOOD MOUNTING BASES (A)

Choice of Mahogany, Blonde, or Walnut. Shpg. wt., 4 lbs. Specify finish.

| Stock No. | Description | Net |
|-----------|--------------------------|------|
| PK-393W | For A | 4.95 |
| PK-394W | For AT6, AUTOSLIM Series | 4.95 |

WOOD MOUNTING BOARDS (B)

Unfinished, smooth sanded. Shpg. wt., 1 1/2 lbs.

| Stock No. | Description | Net |
|-----------|--------------------------|------|
| PK-399W | For A | 2.25 |
| PK-401W | For AT6, AUTOSLIM Series | 2.25 |

CARRYING CASES (C)

Portable Wood cases with handsome simulated leather covering. Shpg. wt., 6 lbs.

| Stock No. | Description | Net |
|-----------|-----------------------------|-------|
| PK-405W | For A, 88/II, RC88 and RC98 | 15.00 |
| PK-406W | For AT6, AUTOSLIM and 210 | 15.00 |

GARRARD PRESSURE GAUGE (E)

For accurately measuring tracking force. Large circular scale, transparent plastic window. Gauge reads 0-12 grams with 1/2 gram markings. Scale pan is of swiveling balance type. Measures pressure at the stylus and at the actual record level. Easy to operate. Comes with 5 gram brass weight for checking calibration. GR-165 Garrard SPG3 Imported from England Net 2.95

DUST COVERS (D)

Molded to the contours of the players from sparkling, clear vinyl, these covers provide complete protection from dust and accidents to the precision bearings, levers and tone arm. Shpg. wt., 1 1/2 lbs.

| | |
|-----------------------|----------|
| PK-531 Fits Model A | Net 4.95 |
| PK-560 Fits Model AT6 | Net 4.95 |
| PK-561 Fits Autoslim | Net 4.95 |

45 RPM AUTOMATIC SPINDLES

| | | |
|--------|-----------------------------|----------|
| PK-410 | For A, 88/II, RC88 and RC98 | Net 3.80 |
| PK-549 | For AUTOSLIM Series | Net 3.80 |
| PK-667 | For AT6 | Net 3.80 |
| PK-409 | For RC210 and RC121/11 | Net 3.80 |

OUTSTANDING HI-FI RECORD CHANGERS

LAFAYETTE

1
¢ SALE
SAVE UP TO
4649



PICKERING
U38AT

EMPIRE
88D

SHURE
M3D

REG. 46.50

REG. 42.50

REG. 44.10

YOUR CHOICE OF ANY ONE OF THESE 3 SUPERB HI-FI CARTRIDGES, INSTALLED, FOR ONLY 1¢ WHEN YOU PURCHASE ANY CHANGER LISTED ON THIS PAGE

SPECIAL 1¢ SALE



GLASER-STEERS GS-77T 4-SPEED STEREO RECORD CHANGER

- Unique "Turntable Pause" During Change Cycle—Resumes Action Only After the Next Record Has come into Play-Position and Stylus is in Lead-in Groove of Record

Many new features make this the ideal stereo changer. Amazing "SPEEDMINDER" automatically selects correct turntable speed, and provides record and stylus protection. The transcription-type tone arm is dynamically balanced and acoustically isolated for distortion-free reproduction. Fine features include; double channel muting switch; Stereo-Monaural switch; 4-pole

ACCESSORIES FOR GS-77T

Solid oil walnut finish base with gold trim. Shpg. wt., 5 lbs.

| | | |
|---------|-----------------------------------|----------|
| PK-350W | Wood Base, Ebony, 4½ lbs. | Net 9.60 |
| PK-473W | Wood Base, Ebony, 4½ lbs. | Net 9.90 |
| PK-351W | Mounting Board, unfinished, 1 lb. | Net 2.40 |
| PK-352 | Automatic 45 rpm spindle, 1½ lbs. | Net 2.95 |
| GR-51 | Plastic Cover, Shpg. wt., 8 oz. | Net 9.75 |

- Large 11 Inch Professional Type Turntable—Provides Better Record Support and Greater Flywheel Effectiveness for Smooth, Constant Speed
- Inaudible Wow, Rumble and Flutter

hum-shielded motor; automatic and manual operation; at all 4 speeds complete intermix; automatic idler wheel disengagement in off position. Styled in White with brushed gold trim. Size: 13½" W x 12" D, 3" below and 5½" above mounting board. Operates from 105-130 volts 60 cycle AC. Shpg. wt., 13 lbs. GR-50W Less cartridge and base Net 59.90

SPECIAL 1¢ SALE

PK-732W—GS-77T changer with Pickering U38/AT cartridge
PK-733W—GS-77T changer with Empire 880 cartridge
PK-734W—GS-77T changer with Shure M3D cartridge

ANY ONE
5951

SPECIAL 1¢ SALE



GLASER-STEERS GS-400 STEREO RECORD CHANGER

The GS-400 is a carefully engineered 4 speed record changer compatible for perfect reproduction of stereo and monophonic records. Rumble, wow, and flutter are virtually eliminated. Automatic and manual operation. Intermixes and plays all sizes of records, regardless of sequence. Automatic shut off after last record. Damped acoustically isolated tone arm. Carefully engineered counter-balance assures constant stylus pres-

ACCESSORIES FOR GS-400

Solid oil walnut finish base with Gold Trim.

| | | |
|---------|---|----------|
| PK-350W | Shpg. wt., 5 lbs. | Net 9.60 |
| PK-473W | Ebony Wood base—Shpg. wt., 4 lbs. | Net 9.90 |
| PK-352 | Automatic 45 rpm spindle Shpg. wt., 1 lb. | Net 2.95 |
| | Plastic Cover For GS-400. | |
| GR-51 | Shpg. wt., 8 oz. | Net 9.75 |

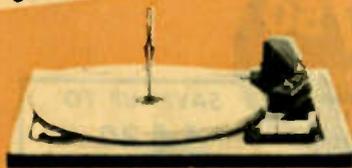
sure anti-skate mechanism prevents tone arm from skidding past lead-in-grooves thus preventing record damage. 4 pole hum-shielded motor with balanced rotor, shock mounted. Finished in Holiday gray with silver Trim, Oyster White turntable pad. Dimensions 13½" W x 12" D x 3" below and 5½" above mounting board. Shpg. wt., 14 lbs. GR-52W changer less cartridge and base Net 47.50

SPECIAL 1¢ SALE

PK-729W—GS-400 changer with Pickering U38/AT cartridge
PK-730W—GS-400 changer with Empire 880 cartridge
PK-731W—GS-400 changer with Shure M3D cartridge

ANY ONE
4751

SPECIAL 1¢ SALE



UNITED AUDIO DUAL CUSTOM 1006 4-SPEED COMBINATION STEREO TURNTABLE CHANGER

An unconventional record changer employing many design principles used only in transcription tables. It features unusual flexibility and ease of operation as an automatic changer. Tone arm is completely free-floating using ball bearings. Built-in stylus pressure gauge with calibrated easy to read scale. 3½ lb. turntable is laminated and girded for rigidity. Powerful motor reaches full speed under load in ½ sec. "Rigid equi-pace" motor suspension. 4-speed control system with separate drive gears for each speed prevents flat-spot thumping. Simplified push button controls. Stereo-Mono switch removes vertical noise which stereo cartridges pick up playing monaural records. "Elevator action" isolates bottom record on the spindle from the rest of stack assuring protection of record grooves and centers. Intermix mechanism handles up to 10 records. Complete with 2 cartridge holders, single play spindle.

changer spindle and 45 adaptor disc. For 110/120V 60 cyc./AC. Chassis 10¼x13"; requires 3" clearance below, 6" above. Shpg. wt., 20 lbs. Imported from W. Germany. GR-186WX Less Base Net 79.95
PK-744W Wood base, walnut for 1006 wt., 4 lbs. Net 6.95
Wood base, mah. for 1006, Shpg. wt., 4 lbs. Net 6.95
PK-745W Dual AS-4 Automatic 45 RPM Record Changer Spindle. Net 4.80
PK-392

SPECIAL 1¢ SALE

PK-735WX—1006 changer with Pickering U38/AT cartridge.
PK-736WX—1006 changer with Empire 880 cartridge.
PK-737WX—1006 changer with Shure M3D cartridge.

ANY ONE
7996

MIRACORD STUDIO SERIES HI-FI AUTOMATIC TURNTABLES

The Miracord Studio 10H is the answer for audiophiles who require a turntable and those who need to change records. Features a hysteresis motor, and adjustable counter-balance tone arm, and the famous "Magic Wand" spindle. Pushbuttons select automatic or manual operation at any of 4 speeds playing all records including the new 33½ 7" type. Jam proof tone arm. Satin chrome finish on all machined parts. Positive locking 4-contact plug-in head accepts all cartridges. Studio Model 10H less base and cartridge. Net 99.50
GR-350WX Imported from W. Germany
Studio Model. Same as above but with specially designed heavy duty shaded 4 pole induction motor instead of hysteresis motor. Imported from W. Germany. GR-351WX Model 10 less base and cartridge Net 89.50

ACCESSORIES MIRACORD TURNTABLES

| | | |
|---------|--|------|
| GR-352W | Wood Base, Oil Walnut, Shpg. wt., 4 lbs. | 9.95 |
| GR-353W | Wood Base, Unfinished, Shpg. wt., 4 lbs. | 8.95 |
| GR-354W | Automatic 45 RPM Spindle, Shpg. wt., 1 lb. | 5.00 |

Unfinished Mounting Board.
GR-355W Shpg. wt., 1½ lbs. 3.00
GR-356W Extra Plug-in Head. Shpg. wt., ½ lb. 3.50
"Miracover" elastic dust cover, Shpg. wt., 1½ lbs. 14.95
GR-357

SPECIAL 1¢ SALE

PK-738WX—Model 10H with Pickering U38/AT cartridge.
PK-739WX—Model 10H with Empire 880 cartridge.
PK-740WX—Model 10H with Shure M3D cartridge.

ANY ONE
9951

PK-741WX—Model 10 with Pickering U38/AT cartridge.
PK-742WX—Model 10 with Empire 880 cartridge.
PK-743WX—Model 10 with Shure M3D cartridge.

ANY ONE
8951

SPECIAL 1¢ SALE

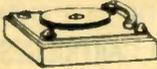


STEREO TURNTABLE & ARMS

NEW! "BROADCAST QUALITY" 4-SPEED TRANSCRIPTION TURNTABLE and TONE ARM

STUDIO QUALITY PERFORMANCE

In One Superb Instrument!



- 3 lb. Balanced 12" Aluminum Turntable • Rumble and Noise Better Than -50 db
- Speed Control Provides $\pm 7\%$ Variation of Each Speed • Wow & Flutter Below 2%
- Precision Lightweight 12" Aluminum Tone-Arm • Plug-In Shell For Popular Stereo Cartridges • Adjustable Counterbalance Weight • Perfect Tracking Even at 2 Grams
- Automatic On-Off Switch Built Into Tone Arm Rest • Perfect For Both Stereo and Monaural

Designed and Constructed To Meet The Most Precise Professional Standards — The Lafayette PK-449 combines on a single mounting plate a four-speed transcription turntable and tone arm... each unit precision engineered to complement the other.

Ideally suited for stereo, the turntable features an especially designed heavy duty 4 pole induction motor, free-floating and shock mounted to virtually eliminate vibration. The 3 lb. rim-weighted 12" aluminum table is constructed with a permanently lubricated oilite bronze bearing while the precision spindle turns on a single ball bearing. Speeds — 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm are selected by means of a click-in shift lever ("off" positions between all speed positions). The oversize idler disengages in off positions. A speed control allows for $\pm 7\%$ variation of each speed. Noise and rumble are -50 db below average recorded level with wow and flutter less than 0.2%.

The 12" Transcription Tone Arm has been designed to track perfectly at the lowest stylus pressures recommended by cartridge manufacturers. Stylus force adjustment is easily accomplished by simply rotating the Knurled Knob at the rear of the arm. Use of ball bearing suspensions result in a high compliance lateral, vertical movement. A plug-in head is provided which accepts most of today's popular stereo cartridges. The unique armrest serves a double duty — simply lift the tone arm from the lock position to start the motor and replace to stop. Complete with stroboscope disc, 45 rpm adapter, shielded hook up cables and AC line cord. The entire motor plate is spring suspended and measures 16 $\frac{1}{2}$ x12 $\frac{1}{2}$ " requires 4" below motor board. For 105-120 volts 60 cycles AC. Shpg. wt., 15 lbs. Imported

PK-449WX Less Base Net 49.50
 Extra plug in cartridge shell with necessary mounting hardware for PK-449. Shpg. wt., 1 lb. Net 1.69
 PK-499

WOOD BASE PK-449WX. Finest selected hardwood veneers. Mitered corners. $\frac{3}{8}$ " sides, $\frac{1}{2}$ " top. For turntable and 12" arm. Size 17 $\frac{1}{2}$ x13 $\frac{1}{2}$ x3 $\frac{3}{4}$ "H. Specify: mahogany, walnut or blonde finish. Shpg. wt., 5 lbs. Net 9.95
 PK-504W



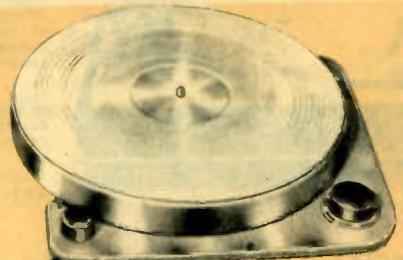
4950
(LESS BASE)
NO MONEY DOWN

SAVE UP TO 36.00

SPECIALLY PRICED COMBINATIONS
 SAVE \$36.00 PK-449WX turntable and arm with Pickering U3E/AT cartridge installed. Individually priced total \$96.00. Net 59.95
 PK-677WXM Net 59.95
 SAVE \$32.00 Same as above but with EMPIRE 880 CARTRIDGE. Net 59.95
 PK-678WXM Net 59.95
 SAVE \$33.65 Same as above but with SHURE M3D CARTRIDGE. Net 59.95
 PK-679WXM Net 59.95

LAFAYETTE 4-SPEED PROFESSIONAL TRANSCRIPTION PLAYER WITH 3 LB. 12 INCH ALUMINUM TURNTABLE

• IDEALLY SUITED FOR STEREO! • BETTER THAN -50 DB RUMBLE & NOISE • VIBRATIONLESS MOTOR SUSPENSION • BELOW 0.2% WOW & FLUTTER • MAGNETIC EDDY-CURRENT BRAKE • 3 LB. 12" BALANCED & MACHINED ALUMINUM TURNTABLE • SPEED CONTROL FOR $\pm 7\%$ VARIATION OF EACH SPEED
 An amazing low price for the superior quality of this fine instrument. Features include heavy, rim-weighted, 3 lb. machined-aluminum 12" turntable, magnetic brake with speed control for $\pm 7\%$ variation of each speed; the extremely low noise and rumble figure of -50 db below average recorded level; wow and flutter (speed variations) of less than 0.2%; new-type oversize precision-ground idler with special lubrication features; positive-locking detents on 4-speed single-knob speed selector; ("off" positions between all speed positions) free-floating shock-mounted motor; automatic idler disengagement in "off" positions; precision spindle turns on single ball-bearing; heavy duty 4-pole induction motor. Heavy rubber turntable mat. For 105-120 volts, 60 cps AC; draws 0.13 amperes. Size of motor plate 11x10x14 $\frac{1}{2}$ "; requires 4" below motor board, 1 $\frac{1}{2}$ " above. Complete with stroboscopic disc, 45 rpm adapter, AC line cord. Shpg. wt., 14 lbs. Net 37.50
 PK-240W 12" TRANSCRIPTION TURNTABLE Imported



3750
NO MONEY DOWN

SAVE! UP TO 44.20

SEE MONEY SAVING COMBINATIONS

LAFAYETTE SPECIAL-VALUE COMBINATIONS

| Comb. No. | Turntable | Arm | Cartridge | Individual Cat. Price | Special Net |
|-----------|-----------|------------|------------|-----------------------|-------------|
| PK-671WXM | PK-240W | Shure M232 | Shure M3D | 110.95 | 72.30 |
| PK-672WXM | PK-240W | Empire 980 | Empire 880 | 130.00 | 85.80 |

Shipping weight of these combinations is 18 lbs.

WOOD BASE for above. Size and construction identical to base illustrated above with PK-449WX turntable. Specify walnut, mahogany or blonde. Net 9.95
 PK-505W Shpg. wt., 5 lbs.

LAFAYETTE COMPLETE STEREO TRANSCRIPTION PLAYER

• 5-CONTACT PLUG IN HEAD FOR ALL STEREO CARTRIDGES • 4-SPEED, HEAVY DUTY 4-POLE TRANSCRIPTION TYPE INDUCTION MOTOR • MAGNETIC BRAKE FOR $\pm 7\%$ SPEED ADJUSTMENT • STYLUS WEIGHT ADJUSTMENT SCREW ON TONE ARM • RUMBLE AND NOISE -40 DB • LESS THAN 0.3% WOW
 Here is a modestly priced complete hi-fi, compatible stereo pickup system, designed against obsolescence. This top quality manual player features a 5-contact plug in head to accommodate the latest stereo as well as monaural cartridges. The lightweight tone arm is an integral part of the mounting plate and requires no installation. Equally important in contributing to the excellent performance of this system in the new 4-speed turntable assembly. It is equipped with a quiet, heavy duty 4-pole motor, with an exclusive magnetic brake for instantaneous fine adjustment of each speed. Stroboscope disc also included. Smooth operation is assured further by the 10" heavy turntable, fitted with rubber mat. Provision for easy adjustment of stylus pressure is available. Dimensions of mounting plate 12 $\frac{3}{4}$ " left to right, and 10 $\frac{1}{2}$ " front to rear. Requires 2 $\frac{3}{4}$ " below and 3" above motor board. For 105-120V, 60 cps. Accessories Included are: 45 rpm adaptor, output cable to amplifier and plug in heads. Shpg. wt., 14 lbs. Imported

PK-160SW Complete Stereo Transcription Player less Cart Net 26.95
 PK-673WM PK-160SW with Pickering U3E/AT Cartridge—REG. CAT PRICE 73.45 SPECIAL NET 37.95
 PK-674WM Same with Empire 880 Cartridge—REG. CAT. PRICE 69.45 SPECIAL NET 37.95
 PK-675WM Same with Shure M3D Cartridge—REG. CAT. PRICE 71.05 SPECIAL NET 37.95
 PK-162W Wood base for above, finished in mahogany or blonde (Please Specify). Shpg. wt., 5 lbs. Net 3.95
 PK-676W Wood base finished in oil walnut Net 4.50
 PK-163W Unfinished mounting board for above. Strong durable $\frac{3}{4}$ " gumwood. (Shpg. wt. 1 lb.) Net 9.95

26.95

(LESS BASE)
NO MONEY DOWN

Save Up To

35.50

SEE SPECIAL OFFER



REK-O-KUT

STEREO TURNTABLES and TONE ARMS

NEW "RONDINE 2" SERIES SINGLE-PLAY TURNTABLES

• Custom-Built Hysteresis Synchronous Motor to Drive Turntable • 33 1/3 RPM

A superb new single-play turntable with fully automatic operation. Combines superiority of single-play turntable with Auto-Poise automatic tone arm. Noise and rumble level far below that of any other turntable with automatic operation. Tracks at less than one gram. Only a completely independent tone arm can offer this advantage. Two motors, each having separate function, are the reason for Rondine 2's superior performance. A custom-built hysteresis synchronous motor drives turntable. A second synchronous Auto-Poise motor actuates tone arm. Anyone can use it—completely eliminates need to place pick-up on record and to remove it. Now, at the press of a button, the Rondine 2 will start automatically and at the conclusion of record shut itself off. Specifications: (Tone arm) Tracking error under 1°, 12-15 cps Resonance, Adjustable Dynamic Balance, Interchangeable

Cartridge Shell: with Plug-in Connector and Positive Twist-Lock (Turntable) —57 db Rumble and Noise Level 0.15% Wow and Flutter, Adjustable Built-in Self-Leveling Spring Mounts for Easy Drop-in Installation on Base or Motor board. Size: 14 1/2" x 14 1/2", including tone arm overhang. Requires 3 1/2" above and 4 1/4" below deck. White and silver deck plate finish. For 117 volts, 60 cycles AC.

MODEL R-33 1/3 rpm Turntable Only. Shpg. wt., 21 lbs. **GR-235WX** Net 79.95
 MODEL R-320 Turntable with S-320 Tone Arm—Factory Installed. Shpg. wt., 21 lbs. **GR-233WX** Net 129.95
 MODEL R-320A Turntable with AP-320 Automatic Tone Arm—Factory Installed. Shpg. wt., 23 lbs. **GR-234WX** Net 169.95



As Low As
79.95

B-12GH 12" 3-SPEED RONDINES



MODEL B-12GH. Professional quality 3-speed 12" turntable using superior craftsmanship throughout. Noise level —55 db below average. Wow and Flutter 0.13%. 33 1/3, 45 and 78 rpm speed positions with 2 "off" selections — single selector knob. Idler is disengaged in "off" position. Newly designed hysteresis motor. Built-in retractable 45 rpm hub; built-in strobe disc. Neon light acts as chassis deck on-off indicator. Cross-ribbed cast aluminum chassis deck. Lathe-turned, solid cast aluminum turntable tapered for easy record handling. Chassis Deck 14"D x 15-22/32"W. Minimum dimensions for cabinet installation with Rek-O-Kut arm 17 3/4"W x 16"D. Height above deck 3", below deck 4 3/4". Finish decorator gray and 2 tone aluminum. **GR-249WX** Shpg. wt. 20 lbs. Net 99.95

MODEL B12H. Same as above but noise level —57db, wow and flutter 0.12%. Installation dimensions 17 3/4"W x 16"D. Height above deck 3", below 6 1/4". **GR-248WX** Net 139.95

MODEL K-33H TURNTABLE KIT

A belt driven 33 1/3 rpm turntable in kit form—easy to assemble. Has a high efficiency hysteresis synchronous motor. Uses a crown-spindle belt drive. Noise level is 52db below average recording level. Turntable disc is solid aluminum-lathe turned and tapered. Built-in strobe disc; ribbed rubber turntable mat. Min. dimensions for cabinet installation, using Rek-D-Kut S-120 arm; 17 3/4" x 16 3/8". Height above deck—3"; below—4". Finished in silver tone aluminum. For 110-120 volts, 60 cycles AC. **GR-241WX** Shpg. wt., 18 lbs. Net 59.95
GR-242WX Same as above, but for 110-120 volts, 50 cycle AC. Net 69.95



K-33H

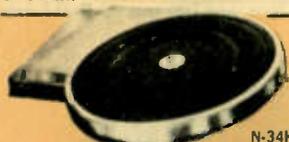
2 SPEED TURNTABLE KIT

K-34H TWD SPEED STEREOTABLE KIT. The same high quality and performance of the N-34H (described above) but you save by constructing this easy-to-build kit yourself. Motor: Lifetime lubricated hysteresis — synchronous. Speeds: 33 1/3 and 45 RPM. Noise Level: 57db. Wow and Flutter 0-15%. Chassis Deck: 12 1/2" x 19". Shpg. wt., 17 lbs. **GR-260WX** Net 69.95



K-34H

REK-O-KUT N-34H 2-SPEED STEREOTABLE



Offering a high efficiency self lubricating hysteresis — synchronous motor. The N-34H will provide outstanding performance in any music system. Table is driven by a specially designed endless belt with a variable adjustment for optimum tension. Table is machined of solid lathe turned cast aluminum. Noise level: 57db below average recording levels. Wow and Flutter 0.15%. Speeds: 33 1/3 and 45 RPM. Size of Chassis Deck: 12 1/2" x 19". Cabinet installation with arm requires 13" x 21", 3" above deck and 4 1/4" below. Finished with a white deck plate. For 110-120V, 60 Cycle AC operation. Less base & arm. Shpg. wt., 17 lbs. **GR-259WX** Net 89.95

WALNUT WOOD BASES FOR REK-O-KUT STEREO TURNTABLES

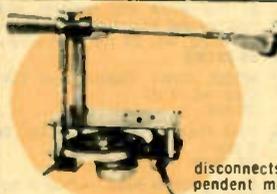
| Stock No. | Model No. | For | Shpg. wt., | Net |
|-----------|-----------|------------------|------------|-------|
| GR-251W | BW-1 | B-12H, B-12GH | 8 | 16.95 |
| GR-262W | KB | K-33H, K-34H | 8 | 14.95 |
| GR-261W | BN | N-34H | 8 | 14.95 |
| GR-236W | R | Rondine 2 series | 8 | 14.95 |

REK-O-KUT STEREO TONE ARMS



MODEL S-320
 S-320 12" arm features micropoise adjustment of tracking pressure; acoustically isolated counterweight for static balance. Perfect balance with any cartridge gives equalized output from both tracks. 5 wire shielded cable. Single hole mount. **GD-248** Shpg. wt., 1 1/4 lbs. Net 34.95

MODEL S-260
 S-260 16" arm with micropoise balance control. Similar to above. **GD-246** Shpg. wt., 2 lbs. Net 36.95
GD-247 Extra shell for either of above Net 5.95



49.95

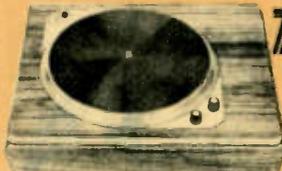
LESS ARM

REK-O-KUT AUTO-POISE

• Makes Your Turntable and Arm Fully Automatic! The AUTO-POISE will change your manual turntable into an automatic unit. When you press the button, the arm lifts gently and moves to the record and the turntable starts as the arm lowers. As soon as the needle settles in the groove, the auto-poise disconnects completely and the tone arm is in completely independent motion. When the record is finished, a sensing switch starts the Auto-Poise, the arm lifts gently, returns to rest position and the turntable shuts off automatically. Has fine synchronous motor. Comes complete with Rek-O-Kut S-320. Easily installed. Complete instructions. Shpg. wt., 5 lbs.

GD-249 Net 74.95
GD-250 same less tone arm Net 49.95

FAIRCHILD HI-FI AUDIO PRODUCTS



MODEL 440-2K
 2-SPEED
 TURNTABLE
 KIT

A new high fidelity turntable kit. 2-speed operation (33 1/3 and 45 rpm), single belt drive, Speed Sentinel control varies turntable speed ± 1 1/2%, highly styled and precision turntable platter. Entire assembly supplied on a channel for easy mounting. Rotational speed controlled from top. Strobe disc included to determine correct speed. Size: 19x16x10". Complete with unfinished mounting board, but less base, 19x16". For 110V, 60 cycle, AC. Requires 1 1/4" clearance above turntable, 3 1/2" below. **GR-276W** Shpg. wt., 21 lbs. Net 58.00
 Same as above but completely wired and assembled. **GR-274WX** Net 69.95

MODEL 440CBW. Base for above. Includes walnut mounting board, walnut wraparound, 19x16x8". Shpg. wt., 12 lbs. **GR-275W** Net 19.95



412-1
 SINGLE-SPEED
 TURNTABLE

MODEL 412-1. Single-speed 33 1/3 rpm basic unit. Double belt drive and step-down idler eliminates slippage. Self-lubricating hysteresis synchronous motor, balanced 15 lb. turntable. Ball-thrust bearing in nylon seat. Main shaft micro-honed, runs in polished babbit. Speed accuracy ± 0.3%. Acoustically silent—exceeds NARTB specs by 3 to 1 margin. Requires mounting board 16" wide, cutout 13 1/4" x 8"; 6" clearance below board. For 110-120 volts, 60 cps AC. Shpg. wt., 28 lbs. Less base and tone arm. **GR-270WX** Net 95.00

Same as above, but in kit form. **GR-277WX** Model 412-1K Net 74.95
 412-BF—Base for models 412-1 and 412-1K turntables. Shock mounted, in oil finished walnut with white formica top for all 12" arms. 17 3/4" x 14 1/4" x 6 1/4". **GR-273W** Shpg. wt., 6 lbs. Net 23.95



STEREO MODEL 500A
 ANTI-SKATING
 TONE ARM

"Anti-Skating" transport balances out inward pressure on groove. Affords reduced wear and distortion and better separation. Improves stereo balance. Springless dynamical balancing. Shpg. wt., 5 lbs. **GD-365L** Net 29.95

SM-2 STEREO CARTRIDGE

A low mass moving magnet cartridge with exceptionally linear separation. Specifications: Tracking force 2.5 gm; compliance 5 x 10⁻⁶ cm/dyne; response ± 2db. 20-15,000 cps; dynamic mass 2 mg; impedance 2K ohms/channel; separation 20 db (+ 2 db) 20 to 15,000 cps; output 5 mv @ 3.8 cm/sec. Has 0.7 mil replaceable diamond stylus. Shpg. wt., 5 oz. **GD-366L** Net 37.50

MODEL 500A ANTI-SKATING ARM AND CARTRIDGE COMBINATION
 The unique Model 500A symmetrically tracking arm with the Model SM-2 high separation cartridge, installed Shpg. wt., 5 1/2 lbs. **GD-89L** Net 58.00

THORENS

SWISS CRAFTED TURNTABLES



TD-124 TRANSCRIPTION TURNTABLE

Engineered to meet the most critical broadcast standards. Incorporates all newest features: 4-speed, each speed adjustable • Built-in stroboscope complete with neon bulb • 11½ lb. cast-iron and aluminum turntable • 4 precision-machined levelling knobs and built-in spirit level • Cueing clutch • Single control knob • Low wow, flutter, rumble • New-design induction type rotor-isolated drive motor • 15½x12¾" depth 2¾" above. Shpg. wt., 32 lbs.

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| GR-105WX | Net 110.00 |
| Walnut Wood Base for TD-124. Shpg. wt., 6 lbs. | |
| GR-120W | Net 10.00 |
| Mahogany Wood Base for TD-124. Shpg. wt., 6 lbs. | |
| GR-121W | Net 10.00 |



TD-135 4-SPEED STEREO TURNTABLE WITH INTEGRATED ARM

- Uses New BTD-125 Professional Stereo Integrated Tone Arm

Exceeds NAB specifications for rumble, wow and flutter. Features include: 4 speeds plus automatic shut-off. • 8 lb. cast-iron, non-magnetic 12" table • Variable speed control (± 3%) • Full one year warranty. For operation at any voltage from 100 to 250 volts, 50-60 cycle AC. 15Wx12"D; extends 2½" below panel, 3" above. Shpg. wt., 35 lbs.

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| GR-117WX TD-135 Integrated Turntable | Net 110.00 |
| Walnut Base for TD-135. Shpg. wt., 6 lbs. | |
| GR-118W | Net 7.00 |
| Mahogany Base for TD-135. Shpg. wt., 6 lbs. | |
| GR-119W | Net 7.00 |

NEW Weathers THINLINE MODEL ML-66 33⅓ RPM TURNTABLE



- Only 2 Inches High—Weighing But 6 lbs. Including Walnut Base
- Uses 2 Precision Hysteresis Synchronous Motors

A lightweight, low silhouette turntable departing radically from conventional "battleship" design. Not only striking in appearance but also engineered especially for today's high compliance stereo cartridges and tone arms. Rumble, wow, flutter and acoustic feedback are virtually eliminated. Suspension on neoprene "seismic platform" produces isolation from floor vibrations of more than 500 to 1. Accurate within one revolution per hour. Sizes: 16Lx14Dx2"H. Shpg. wt., 7 lbs.

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| MDDEL ML-66 Turntable Only with Walnut Base | |
| GR-330WX | Net 66.00 |
| MDDEL ML-66A. Turntable with Walnut Base and Integrated Viscous Stereo Tone Arm. | |
| GR-329WX Shpg. wt., 8 lbs. | Net 89.50 |

Bp BOGEN-PRESTO VARIABLE SPEED Hi-Fi Stereo Turntables



MODEL B50-16LCS—Factory equipped for stereo, this model will accept standard stereo and monaural cartridges. For discs up to 16" diameter. Continuously variable speed control from below 16 to 86 rpm, notched at 16⅔, 33⅓, 45 and 78 rpm. Heavy-duty 4 pole constant-velocity motor. Weighted balanced turntable of 11¾" diameter, is fitted with a serrated rubber pad to minimize transfer of mechanical vibration. "Wow" less than 0.5%; negligible rumble. "Feather-Drop" action of pickup arm prevents damage to stylus or record. Adjustable stylus pressure. Supplied with vibration isolators. For 95-125 volts, 60 cps AC. Mounting space 15x11½x2¾" above and 1⅞" below mounting board. Shpg. wt., 17 lbs.

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| B50-16LCS — With plug-in-head — less cartridge | |
| GR-282W | Net 40.40 |
| PB-5 Mahogany Wood base for B50 Turntable. Shpg. wt., 5 lbs. | |
| GR-283W | Net 4.80 |
| H-2 Plug in Head-wired for stereo for B50 turntable. | |
| GR-284 | Net 2.75 |

MODEL B61 PHONO MECHANISM—completely wired for stereophonic and monaural high fidelity systems. Four pole, heavy duty, constant-velocity motor and non-ferrous 7¾ lbs. turntable providing no measurable hum or flutter. Four speeds, 16⅔, 33⅓, 45 and 78 rpm, continuously variable from 29 to 86 rpm. Professional style arm has plug-in head. Arm is raised and lowered by flip-switch and features micrometer-type, easy to read weight adjustment gauge. For 95-125 volts 60 cps AC. Shpg. wt., 20 lbs. with plug-in head, less cartridge.

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| GR-287WX | Net 59.95 |
| MODEL CDV-1 Plastic Dust Cover for B61 Turntable. Shpg. wt., 1 lb. | |
| GR-292 | Net 5.50 |
| PB-6 Walnut Wood Bases for B61. Shpg. wt., 5 lbs. | |
| GR-288W | Net 5.25 |
| H-4 Aluminum Head — Plug-in head for B61. | |
| GR-289 | Net 4.00 |

NEW AR STEREO TURNTABLE & STEREO TONE ARM COMBINATION

- Complete With Precision Tone Arm
- Oiled Walnut Base and Transparent Dust Cover



A new outstanding turntable featuring a precision arm, oiled walnut base and transparent dust cover in one compact unit. The rugged 3.3 lb. balanced aluminum platter is belt driven from synchronous motors operating at 33⅓ rpm, turntable and arm are shock-mounted from the top plate eliminating vibration. Tone arm floats down to the record if dropped, but damping mechanism is disengaged as soon as the needle touches the record. Guaranteed for 1 yr. to meet NAB specifications for broadcast equipment on wow, flutter and speed accuracy. Also includes cables, overhang adjustment device and needle force gauge. Size with cover—12¾x16¾x5¼".

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| GR-305WX | Net 58.00 |
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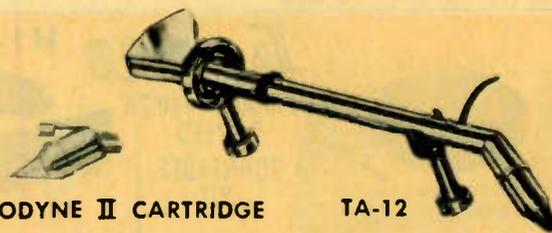
NEW THORENS BTD-125 PROFESSIONAL TONE ARM



A classic example of Swiss craftsmanship, this professional type arm is designed for greatest reduction of resistance to movement and lowest inertia. Angle of tone arm places cartridge at optimum tangent to record groove reducing tracking error to a maximum of 0.5°/inch. Offset angle of arm: 25°15'. Vertical pivot keeps stylus vertical for any height adjustment. Has built-in precision cueing device and interchangeable cartridge shells—4 pin type for stereo or mono. Supplied with mounting board for Thorens TD-124 and TD-121 turntables. Overall length is 12½". Shpg. wt., 2 lbs.

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| GD-60L | Net 50.00 |
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DYNACO STEREO PICK-UPS



STEREODYNE II CARTRIDGE TA-12

STEREODYNE II CARTRIDGE

An outstanding magnetic stereo cartridge having flat response from 30 to 15,000 cps. Output is 7 mv per channel. Channel Separation: in excess of 22 db. Compliance: 5x10⁻⁶ cm/dyne in all directions. Tracking Force: 2-4 grams. Recommended Load: 47,000 ohms. Easily replaced .7 mil diamond stylus. Has complete freedom from hum pickup. Shpg. wt., ½ lb.

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| GD-65L Stereodyne II | Net 29.95 |
|----------------------|-----------|

MODEL TA-12 STEREO INTEGRATED TONE ARM

12" arm and cartridge of dramatic modern Danish design. For Stereo or LP Mono. Hardened steel bearings support the arm in a gyro-pivoted gimbal mounting. Adjustable counterbalance weight and spring tension for stylus pressure adjustment. Single hole mounting. Cartridge—same as Stereodyne II above.

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| GD-64L Shpg. wt., 2 lbs. | Net 49.95 |
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S-2000 STEREO TONE ARM



Newly designed for all standard stereo cartridges, this arm employs new Gyro/Balance principle. Turntable levelling is unnecessary; the arm will play records at any angle up to 90°. Complete freedom of movement in both horizontal and vertical directions assures magnificent reproduction of stereo and monaural records. The arm will track properly at 2 gm when used with a high-quality cartridge. Complete with shell. Shpg. wt., 2 lbs.

| | |
|-----------------------------------|-----------|
| GD-41L ESL MDDEL S-2000 | Net 34.95 |
| GD-43L Additional Shell per above | Net 5.50 |

HI-FI TURNTABLES, TONE ARMS, and CARTRIDGES

empire

TROUBADOR — SUPERB RECORD PLAYBACK SYSTEMS



EMPIRE DELUXE 398 RECORD PLAYBACK SYSTEM

The Troubador consists of the 208 transcription turntable and the 980 Stereo/Balance arm completely shock-mounted on a walnut base, with AC line cord and shielded phono input cables. No cartridge is supplied. The DCB turntable is a professional quality, precision-built turntable operating at 33 $\frac{1}{3}$, 45 and 78 rpm. Designed to provide outstanding performance with its dynamically balanced hysteresis synchronous motor. Features a handy push-button

power control. Vibration-free belt drive held to micro-tolerances. Precision-machined heavy aluminum base plate and turntable. Acoustic isolation suspension for both motor and baseplate. Pop-up 45 rpm adapter spindle. Rumble and wow specifications surpass laboratory and broadcast requirements. Finished in chrome or satin gold. 110 volts, 60 cycle, AC.

The 980 Arm is Empire's finest and is fully described on another page in this section. Overall size of Troubador 398 system is 17Wx15Dx8 $\frac{1}{4}$ "H. Shpg. wt., 28 lbs.

- GR-340WX Satin chrome finish Net 175.00
- GR-341WX Satin gold finish Net 175.00

EMPIRE 208 TURNTABLE ONLY

The turntable is available separately. Size: 14 $\frac{1}{4}$ x16 $\frac{1}{4}$ ". Requires 2 $\frac{7}{8}$ " above and 3 $\frac{1}{2}$ " below base plate. Shpg. wt., 20 lbs.

- GR-335WX Chrome finish, less base and tone arm Net 110.00
- GR-339WX Gold finish, less base and tone arm Net 110.00
- GR-336W Walnut base, for Empire 208. Shpg. wt., 5 lbs. Net 15.00



NEW EMPIRE 498 RECORD PLAYBACK SYSTEM

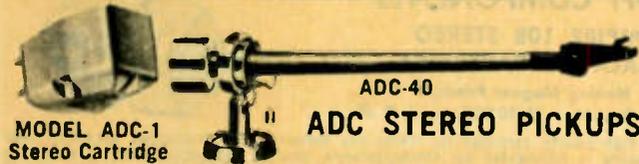
The Empire 498 is engineered for the audiophile who demands uncompromising performance from his record playback system. Features a 3-speed silent turntable with a constant speed hysteresis motor and double belt drive to eliminate slippage. Push button power control for ease of operation. A 5-pound turntable platter is used to insure a rotating mass of high quality thus keeping wow and flutter to a very low level. Comes complete with safety suspension mat, and 45 RPM adapter. Rumble better than —65 db, wow and flutter less than .07%. Dynamic suspension eliminates acoustic feedback and assures stability of record tracking. Complete with 980 playback arm and handsome walnut base. Minimum space requirements (turntable, arm, and base): Width 16", Depth 13 $\frac{3}{4}$ ", Height 7 $\frac{1}{2}$ ". Shpg. wt., 25 lbs.

- GR-342WX Model 498 Satin Chrome Net 165.00
- GR-343WX Model 498 Satin Gold Net 165.00

NEW EMPIRE 488 RECORD PLAYBACK SYSTEM

Empire 488. Same as above except less walnut base. Minimum space requirements: Width 15 $\frac{3}{4}$ ", Depth 13 $\frac{3}{8}$ ". Height above mounting board 3 $\frac{1}{2}$ ". Shpg. wt., 22 lbs.

- GR-344WX Model 488 Satin Chrome Net 150.00
- GR-345WX Model 488 Satin Gold Net 150.00



MODEL ADC-1 Stereo Cartridge

Model ADC-1. Compatible with the finest stereo equipment. Pickup distortion is reduced to the point where it is negligible with channel separation —30 db from 50-7,000 cps. Tracking as low as $\frac{1}{2}$ gram. Frequency response is 10 to 20,000 cps. \pm 2 db. Designed to fit all standard $\frac{1}{2}$ " and $\frac{3}{4}$ " mounting centers— adapts to virtually all tone arms. Complete with diamond .6 mil stylus.

- GD-340L Shpg. wt., 8 oz. Net 49.50
- ADR-R1 diamond replacement assembly for ADC-1 cartridge. Net 25.00
- GD-341L Net 25.00
- Model ADC-2. Similar to above but for higher tracking forces of 2 to 4 grams. Compliance 15x10. Output 8 mv \pm 2 db at 1000 cps. Silver colored mu-metal shield. With .7 mil diamond stylus. Shpg. wt., 3 oz. Net 37.50
- GD-342L Net 37.50
- GD-343L Replacement diamond stylus for ADC-2 Net 15.00

Model ADC-40. Features adjustable counterweight; accurately machined and treated tone arm of walnut wood suppresses extraneous resonances. Arm length complete—10 $\frac{3}{4}$ " overall. Pivot to stylus tip 9"—plug in type head.

- GD-344L Shpg. wt., 2 lbs. Net 44.50
- Model ADC-85. Pritchard Pick-up System ADC-40 with ADC-1 stereo cartridge. Net 44.50
- GD-345L Complete, assembled, and wired. Shpg wt., 2 $\frac{1}{2}$ lbs. Net 89.50



GRADO ARMS AND CARTRIDGES

Lab Cartridge Lab Arm

"LAB" SERIES CARTRIDGE

Moving coil cartridge provides utmost quality. Freq. response 10-30,000 cps \pm 1db; output 6 mv at 10 CMV; channel separation 30db; compliance 12x10 $^{-4}$. With diamond stylus. Shpg. wt., 5 oz.

- GD-167L Net 49.50

"CLASSIC" CARTRIDGE

Same basic design as Lab series, but frequency response 15-28,000 cps \pm 1db, and channel separation 25db; with diamond stylus.

- GD-171L Net 37.50

"SENATOR" CARTRIDGE

High quality, economically priced moving coil cartridge. Freq. response 18-24,000 cps \pm 1.5db; output 9 MV, Separation 20db, compliance 8x10 $^{-4}$. With diamond stylus.

- GD-172L Net 24.95

LABORATORY STEREO ARM

A superb instrument designed for the ultimate in stereo performance. Constructed of the finest hand-rubbed gumstock walnut with metal fittings of machined aluminum. Features include separate balance adjustments for the vertical and lateral plane of arm movement. A precise micrometer tracking force adjustment is accurate to the tenth of a gram. Total length of the arm is 11 $\frac{1}{4}$ " with a minimum of ear overhang. Supplied completely wired to the preamp, with no soldering necessary. Shpg. wt., 3 lbs.

- GD-163 Arm less cartridge Net 39.50
- GD-169L Arm with Senator cartridge Net 63.00
- GD-170L Arm with Classic cartridge Net 75.00
- GD-168L Arm with Lab Series cartridge Net 85.00



SMG-212 STEREO TONE ARM

Model SMG-212. Precision ball bearings are applied in both horizontal and vertical planes assuring perfect tracking at even minimum stylus force. Lateral balance by the special shape of the Duralumin tube arm enables perfect record tracking even up to 30° out of level. Variable counterweight is calibrated from 0-10 grams. Arm resonance is at 8 cycles per second. Accepts any cartridge and is adjustable for cartridge overhang. Arm length (overall) is 12 inches. Shpg. wt., 2 lbs.

- GD-61L Net 29.95

• New Danish 12" Stereo Tone Arm

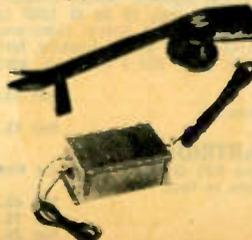


EMI-MODEL EPU-100 INTEGRATED STEREO PICKUP

The cartridge and stylus are of the variable reluctance type, the pickup movement operates on the sum-and-difference principle. The arm is accurately balanced at the factory to the optimum playing weight of 2.5 grams. For controlled arm resonance and stabilization of the stylus, both lateral and vertical movements of the arm are damped by means of a viscous fluid. Response: substantially flat between 30-20,000 cps. Output: 7.5mv nominal per channel at standard 5 cm/sec. level. Length from pivot to stylus is 9". Input impedance 50,000-100,000 ohms. Stylus utilizes a high-quality diamond. Finish: tool-finish steel and satin-anodized aluminum. Shpg. wt., 3 lbs.

- GD-350L Net 99.75

Weathers



MODEL PS-11 PROFESSIONAL STEREO TONE ARM-CARTRIDGE SYSTEM

Professional pickup system with variable capacitor system and patented amplifier bridge circuit. Frequency response \pm 1 db, 20-20,000 cps. Compliance 20x10 $^{-4}$ cm/dyne. Channel separation 40 to 35 db 20-15,000 cps. Output—1 volt at 1,000 cps. Tracking force $\frac{3}{4}$ to 1 gram. Hum and noise —60db at 7 cm/sec, 1000 cps. Moving mass. 6mg. Arm 13" long. Polarizing supply 2 $\frac{1}{2}$ Hx3Wx 5 $\frac{1}{4}$ "L. With 0.3 mil diamond stylus. Shpg. wt., 2 lbs.

- GD-300L Net 129.50

HI-FI CARTRIDGES

LOOK FOR THE STARRED CARTRIDGES
FEATURED IN LAFAYETTE HI-FI SYSTEMS

PICKERING HI-FI COMPONENTS

NEW! THE SUPERB U38/AT

- At Last a Cartridge Designed to Take Full Advantage of Automatic Turntables



A completely mu-metal shielded stereo cartridge which has the high compliance and ruggedness demanded by all types of automatic turntables and changers. Combines high output of 10 mv per channel with extremely low signal-to-noise ratio. Freq. response: ± 2 db. from 20 to 20,000 cps.; Interchannel isolation 35 db; Tracking force 2 to 5 grams. Complete with .7 mil diamond stylus. Mounts on $\frac{1}{4}$ " to $\frac{1}{2}$ " centers. Shpg. wt., 7 oz.

| | | |
|--|------------------------------------|-----------|
| GD-227L | Type D-3807AT repl. diamond stylus | Net 46.50 |
| GD-228L | Type D-3807A repl. diamond stylus | Net 16.00 |
| Diamond .5 mil stylus for use with ultra-light tone arms to track from $\frac{1}{2}$ to 3 grams. | | |
| GD-229L | Type D-3805AA | Net 17.50 |

DIAMOND STYLI FOR OTHER PICKERING CARTRIDGES

| Stock No. | Pick. No. | Size | For Cartridge | Net |
|-----------|-----------|---------|-------------------------------|-------|
| GD-215L | D-3510 | 1 mil | Series 350 and 370 | 15.00 |
| GD-216L | D-3527 | 2.7 mil | Series 350 and 370 | 15.00 |
| GD-223L | D-3505 | .5 mil | Series 350 and 370 | 18.00 |
| GD-225L | D-9007 | .7 mil | Series 90. Also fits Mark IIC | 7.50 |

PICKERING MODEL 380 STEREO FLUXVALVE CARTRIDGE



Fits all record changers and tone arms. Hermetically sealed in precious mu-metal for hum-free performance. Response flat from 20 to 20,000 cycles. Channel separation of 25 db. Output: 2 mv/cm/sec/ channel. Four output terminals. Recommended tracking force shown alongside stock numbers. 380A and 380C with .7 mil diamond stylus. 380AA with .5 mil. Shpg. wt., 5 oz.

| | |
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| GD-214L—Model 380C For Changers—Tracking force 4-7 grams. | Net 29.85 |
| GD-213L—Model 380A For Tone Arms—Tracking force 2-5 grams. | Net 36.00 |
| GD-230L—Model 380AA For Tone Arms—Tracking force under 1 gram. | Net 37.50 |
| GD-220L—Type D-3807C Repl. .7 mil diamond for 380C | Net 10.00 |
| GD-219L—Type D-3807A Repl. .7 mil diamond for 380A | Net 16.00 |
| GD-229L—Type D-3805AA Repl. .5 mil diamond for 380AA | Net 17.50 |

PICKERING MARK II STEREO FLUXVALVE CARTRIDGE

Of truly miniature design. Performs equally well with all micro-groove records, monaural and stereo. Uniform response over the entire audio range. .7 mil diamond stylus mounted in "T-Guard" stylus assembly. Tracking force 2-5 grams for tone arms and 3-7 grams for changers. Shpg. wt., 3 oz.

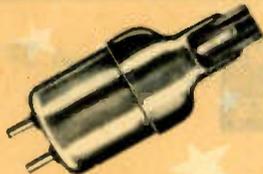
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| GD-211L—Mark IIA—For Turntable Arms | Net 26.40 |
| GD-212L—Mark IIC—For Record Changers | Net 24.00 |
| GD-217L—Type D-3707A—Repl. .7 mil diamond for Mark IIA | Net 14.40 |
| GD-218L—Type D-3707C—Repl. .7 mil diamond for Mark IIC | Net 12.00 |



EMPIRE SCIENTIFIC HI-FI COMPONENTS

THE OUTSTANDING 880

- Frequency Response 10-28,000 cps
- Channel Separation over 30db



Empire's latest development is an extraordinarily fine high fidelity stereo cartridge that will give outstanding reproduction. Channel separation exceeds 30 db. Freq. response for Model 880 is 10-28,000 cps and Model 880P 6-30,000 cps ± 1.5 db. Output is 8 mv per channel, balanced to .25 db. Dynamic mass is $.7 \times 10^{-3}$ grams and compliance is 15×10^{-4} cm/dyne. Model 880 supplied with .7 mil diamond stylus, tracking pressure $\frac{3}{4}$ to 6 grams, and is recommended for changers, automatic turntables and some tone arms. Model 880P has .6 mil diamond stylus, tracking pressure $\frac{1}{4}$ to 3 grams, and is for professional playback arms. Shpg. wt., 7 oz.

| | | |
|---------|--------------------------------|-----------|
| GD-328L | Model 880 | Net 42.50 |
| GD-329L | Model 880P | Net 47.50 |
| GD-330L | .7 mil diamond stylus for 880 | Net 17.50 |
| GD-331L | .6 mil diamond stylus for 880P | Net 22.50 |

EMPIRE 108 STEREO BALANCE CARTRIDGE

- Moving Magnet Principle
- Response 15-30,000 cps ± 2 db.



A high quality, cartridge for stereo and monaural LP reproduction. Excellent tonal quality is highlighted by: stereo/balance, channel separation, tracking efficiency and freedom from hum pick-up. Frequency response 15-30,000 cps ± 2 db; Output voltage—8 millivolts per channel, balanced to within ± 1 db; Channel separation in excess of 25 db; Compliance— 6×10^{-4} cm/dyne; Tracking force—1.5-5 grams. 4-terminal output. Shpg. wt., 7 oz.

| | | |
|---------|--|-----------|
| GD-315L | Model 108 with .7 mil diamond stylil | Net 35.00 |
| GD-316L | Type 108-7RD Replacement .7 mil diamond stylil | Net 17.50 |

EMPIRE 980 ARM

Features free suspension and perfect dynamic balance in all planes. Maximum compliance, tracks at less than 1 gram. Fundamental resonance 8 cycles. Calibrated knob "dials" stylus force up to 8 grams. 5-wire circuit eliminates ground loops. 4 ft. shielded cable assembly plugs in. Overall length 12 $\frac{3}{4}$ ". Height adjustable 1 $\frac{1}{2}$ ". Shpg. wt., 2 lbs.

| | | |
|---------|--|-----------|
| GD-325L | Satin chrome finish | Net 50.00 |
| GD-326L | Satin Gold finish | Net 50.00 |
| GD-327L | Additional bracket for mtg. cartridges. Wt., 3 oz. | Net 1.95 |



SHURE STEREO DYNETIC CARTRIDGES AND TONE ARMS

THE MAGNIFICENT M3D PROFESSIONAL CARTRIDGE

- Studio Quality
- Shure's Finest



Designed to satisfy the critical ear of the music lover, the reproduction of this moving coil cartridge is singularly smooth and completely compatible. It plays both stereo and monaural discs. The cartridge features low distortion, high output (5 mv per channel) minimum hum pickup and no magnetic attraction plus the following specifications: Response, 20 to 15,000 cps. Channel separation more than 20 db. Compliance, 4.0×10^{-4} cm/dyne. Tracking force, 3 to 6 grams. Fits all 4-lead and 3-lead cartridge holders. With 0.7 mil diamond stylus, easily replaceable.

| | | | |
|---------|--|------------------|-----------|
| GD-272L | Model M3D | Shpg. wt., 5 oz. | Net 44.10 |
| GD-279L | Type N3D Replacement diamond stylus assembly | | Net 22.05 |

M7D CUSTOM STEREO CARTRIDGE

A new moving magnet stereo cartridge with .7 mil diamond stylus. Frequency response: 20 to 15,000 cps. Channel separation: More than 20 db at 1000 cps. Output voltage, 5 mv per channel at 100 cps. Vertical and lateral compliance: 3.5×10^{-4} cm/dyne. Recommended load impedance is 47,000 ohms. Tracking force: 4 to 7 grams. Tracks perfectly in all record changer arms. Has 4 terminals; adaptable to 3-terminal arms. Shpg. wt., 5 oz.

| | | |
|---|-----------|-----------|
| GD-273L | SHURE M7D | Net 23.52 |
| Stereo stylus assembly for M7D, including .7 mil diamond. | | |
| GD-275L | SHURE N7D | Net 11.76 |

SPECIAL LOW FORCE CARTRIDGES

The M3 and M7 cartridges are available with the N21 Diamond stylus for finest compliance. Use only in arms that track at 2 grams or less.

| | | |
|---------|---------------------------------|-----------|
| GD-286L | M3-N21D | Net 46.30 |
| GD-285L | M7-N21D | Net 36.01 |
| GD-276L | N21D Replacement diamond stylus | Net 24.25 |

SERIES M33 STEREO CARTRIDGES

Extraordinary compliance for use in low pressure turntable arms. Features channel separation of over 22.5 db, frequency response 20-20,000 cps., output per channel 6 mv., and compliance of 22.0×10^{-4} . Fits standard $\frac{1}{2}$ " mtg. centers. Has 4 terminals with adaptor for 3-terminal stereo or monaural use. Model M33-7 supplied with .7 mil diamond stylus for use with tracking force of $\frac{1}{2}$ to 3 grams; M33-5 with .5 mil diamond stylus for $1\frac{1}{2}$ grams or under. Shpg. wt., 7 oz.

| | | |
|---------|---------------------------|-----------|
| GD-293L | Model M33-7 | Net 35.77 |
| GD-294L | Model M33-5 | Net 35.77 |
| GD-291L | N33-7 diamond stylus only | Net 19.11 |
| GD-292L | N33-5 diamond stylus only | Net 19.11 |

MODEL M77 STEREO CARTRIDGE

For use with tone arms that track at 3-6 grams. Channel separation over 20 db, frequency response 20-17,000 cps; output 9 mv per channel; compliance 6×10^{-4} ; 4 terminals with 3-terminal adaptor. Mtg. standard $\frac{3}{4}$ " and $\frac{1}{2}$ " centers. With .7 mil diamond stylus for stereo or monaural use. Shpg. wt., 7 oz.

| | | |
|---------|--|-----------|
| GD-290L | Model M77 | Net 26.95 |
| GD-289L | Type N77 .7 mil diamond stylus | Net 10.29 |
| GD-288L | Type N78 2.7 mil diamond stylus for 78 rpm records | Net 8.38 |

SHURE PROFESSIONAL TONE ARM

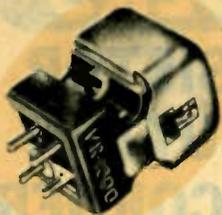
A new premium quality tone arm that ACCEPTS PRACTICALLY ALL CARTRIDGES and permits them to operate at their maximum potential performance. Features precision ball bearings at all pivot joints, plug in head with positive alignment lock and variable height adjustment. Positive visual control over balance without altering overall arm length. Tracking force 0-8 grams. Comes with arm rest, mounting template mounting hardware. Shpg. wt., 2 lbs.

| | | |
|---------|-------------------------------|-----------|
| GD-282L | Shure M232 For 12" Records | Net 29.35 |
| GD-283L | Shure M236 For 16" Records | Net 31.31 |
| GD-284L | Shure A23H Extra Plug In head | Net 2.35 |



GENERAL ELECTRIC HI-FI COMPONENTS

VR-1000 SERIES ORTHONETIC MAGNETIC STEREO CARTRIDGES



VR-1000-5

MODEL VR-1000-5 FOR TURNTABLES

Complete with .5 mil diamond stylus designed for use with professional type turntable and tone arm or any changer requiring less than 4 grams tracking force. Freq. response ± 3 db from 20 to 20,000 cycles with recommended load resistance of 47,000 ohms on each channel. Output is 1 millivolt per cm/sec. of stylus velocity, balanced within 2 db or better at 1000 cycles. Channel separation up to 30 db per channel at 1000 cycles. Recommended tracking force 1-3 grams. Lateral compliance 6×10^{-4} cm/dyne. Vertical compliance 9×10^{-4} cm/dyne. $\frac{1}{2}$ inch mounting centers. Shpg. wt., 6 oz.
 GD-142L VR-1000-5 Cartridge Net 29.35
 GD-143L Type DR-5D Repl. diamond stylus Net 14.65

MODEL VR-1000-7 FOR CHANGERS

This model is essentially the same as the VR-1000-5 but is designed for the greater tracking force of 3-7 grams required by most changers. Separation is 25 db optimum in critical stereo range. Lateral compliance is 4.5×10^{-4} cm/dyne, vertical compliance 4×10^{-4} cm/dyne. Shpg. wt., 6 oz.
 GD-144L VR-1000-7 Cartridge Net 24.45
 GD-145L Type DR-7D Repl. diamond stylus Net 12.69



G.E. VR-22 STEREOPHONIC MAGNETIC VARIABLE RELUCTANCE HIGH FIDELITY CARTRIDGES

MODEL VR-227 with .7 mil diamond stylus. A ground strap allows use of this cartridge with either 3- or 4-wire stereo systems. SPECIFICATIONS: Frequency response: 20-17,000 cps. Output: 6 mv. per channel at stylus velocity of 5.5 cm/sec. Channel separation: up to 30 db. Lateral compliance 3×10^{-4} cm/dynes. Vertical compliance: 2×10^{-4} cm/dyne. Recommended tracking force: 5 to 7 gms. Shpg. wt., 6 oz.
 GD-139L GE VR-227 Net 16.61
 GD-140L GE VR-222 Repl. diamond stylus Net 9.75
 MODEL VR-225 with .5 mil diamond stylus. Designed for use with transcription arms and turntables. Essentially the same as VR-227 except frequency response 20-20,000 cps; lateral compliance 4×10^{-4} cm/dyne; recommended tracking force; 2 to 4 gms. Shpg. wt., 6 oz.
 GD-138L GE VR-224 Net 18.57
 GD-141L GE VR-221 Repl. diamond stylus Net 10.73

G.E. MONAURAL SERIES VR II VARIABLE RELUCTANCE CARTRIDGES



TRIPLE-PLAY SINGLE-PLAY

Will fit wherever old RPX cartridges were used. All require the use of a preamplifier. Frequency Response: 20-20,000 cps; Tracking Pressure — (with tone arms) 4 grams — (with record changers) 6-8 grams; Output — 22 millivolts nominal at 10 cm/sec. Mounting — either $\frac{1}{2}$ " standard or $\frac{3}{8}$ "; Terminals: Plug-in design. Independently replaceable Clip-In-Tip styli. Mu-metal shielding and special anti-hum coils.

"TRIPLE-PLAY" CARTRIDGES (A)

Convenient dual-stylus variable reluctance cartridges — a twist of the knob brings either microgroove (LP or 45 rpm) or standard 78 rpm stylus into position. 1 mil (.001") stylus is for microgroove. 3 mil (.003") is for standard records. All models have individually replaceable, slide-in, "clip-in-tip" styli. Shpg. wt., 6 oz.

| Stock No. | GE Type | Stylus | Net |
|-----------|---------|------------------------------|-------|
| GD-102L | 4G-050 | 1 & 3 mil sapphire | 12.69 |
| GD-103L | 4G-052 | 1 mil diamond—3 mil sapphire | 17.99 |
| GD-104 L | 4G-053 | 1 & 3 mil diamond | 24.45 |

"SINGLE-PLAY" CARTRIDGES (B)

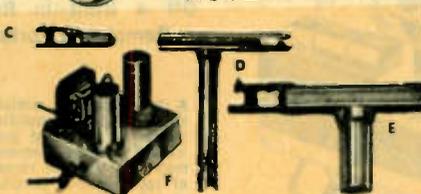
Single-stylus variable-reluctance cartridges with replaceable "clip-in-tip" sapphire or diamond styli: 1 mil (.001") microgroove and 3 mil (.003") standard 78 rpm types. Shpg. wt., 6 oz.

| Stock No. | GE Type | Stylus | Net |
|-----------|---------|----------------|-------|
| GD-100L | 4G-040 | 3 mil sapphire | 9.75 |
| GD-101L | 4G-041 | 1 mil sapphire | 9.75 |
| GD-106L | 4G-063 | 3 mil diamond | 14.85 |
| GD-105L | 4G-061 | 1 mil diamond | 14.85 |

Replacement Parts Kit, for VR II Series Triple Play cartridge. Includes, spring, washers, plastic knob. Wt., 2 oz.
 GD-119 RKP-009B Net .29



PHONO ACCESSORIES



GE REPLACEMENT STYLI FOR ALL MODELS

"CLIP-IN-TIP" STYLI FOR VR II SERIES (C)

Replacement for individual stylus tips on either "triple-play" or "single-play" models of the VR II Series only — NOT FOR RPX TYPE A SERIES. Shpg. wt., 2 oz.

| Stock No. | GE Type | Stylus | Net |
|-----------|---------|------------------|------|
| GD-110L | 4G-01S | 1 mil sapphire | 2.89 |
| GD-111L | 4G-02S* | 2.5 mil sapphire | 2.89 |
| GD-112L | 4G-03S | 3 mil sapphire | 2.89 |
| GD-107L | 4G-01D | 1 mil diamond | 7.79 |
| GD-108L | 4G-02D* | 2.5 mil diamond | 7.79 |
| GD-109L | 4G-03D | 3 mil diamond | 7.79 |

* For low impedance cartridge applications.

SINGLE STYLI (E) (NOT Clip-In-Tip)

For replacement in old-style single-stylus cartridges RPX-040, —041, —063, —061. Assemblies complete with 1 mil (.001"), 2.5 mil (.0025") or 3 mil (.003") styli. These cartridges are not convertible to "clip-in-tips". Shpg. wt., 2 oz.

| Stock No. | GE Type | Stylus | Net |
|-----------|----------|------------------|------|
| GD-123L | RPJ-004 | 1 mil diamond | 7.79 |
| GD-121L | RPJ-002* | 2.5 mil diamond | 7.79 |
| GD-122L | RPJ-003* | 3 mil diamond | 7.79 |
| GD-124L | RPJ-005* | 1 mil sapphire | 2.35 |
| GD-125L | RPJ-006* | 2.5 mil sapphire | 2.35 |
| GD-120L | RPJ-001 | 3 mil sapphire | 2.35 |

* For low impedance cartridge applications.

GE MONAURAL PREAMP (F)

UPX 003C — Self-powered preamp for use with GE or similar magnetic cartridges and low level mikes. Has 7025 tube in equalizing circuit, plus rectifier. Input jack, mike-phonos switch, 14" output lead with phono plug. 18 db bass boost at 50 cps on "Phono", Flat on "Mike". For 117 volts, 60 cycles AC. $3\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Complete with tube. Shpg. wt., 2 lbs.
 G-335 UPX-003C Net 14.65

DUAL STYLUS ASSEMBLIES (D)

Convert old-style RPX-050, RPX-052, RPX-053, RPX-047 for use with "clip-in-tip" individually replaceable styli. Complete with styli as shown. Shpg. wt., 2 oz.

| Stock No. | GE Type | Stylus | Net |
|-----------|----------|------------------|------|
| GD-131L | RPJ-01D | 1 mil diamond | 7.79 |
| GD-132L | RPJ-02D* | 2.5 mil diamond | 7.79 |
| GD-133L | RPJ-03D | 3 mil diamond | 7.79 |
| GD-134L | RPJ-01S | 1 mil sapphire | 2.89 |
| GD-135L | RPJ-02S* | 2.5 mil sapphire | 2.89 |
| GD-136L | RPJ-03S | 3 mil sapphire | 2.89 |

* For low impedance cartridge applications.

PICKERING-STANTON HIGH FIDELITY CARTRIDGES AND ARMS

SERIES 481 CALIBRATION STANDARD STEREO FLUXVALVE CARTRIDGE



• Designed by Audio Engineers for the Broadcast Studio.

More than a pickup, the 481 series is individually calibrated and developed for the recording industry as a laboratory standard for quality control. Frequency response: ± 1 db from 20-10,000 cps and ± 2 db to 17,000 cps. Channel separation: 35 db. Type 481AA with .5 mil diamond stylus for arms with tracking force of $\frac{1}{2}$ to 2 1/2 grams, Output: 5 mv/cm; Type 481A with .7 mil diamond stylus for arms with tracking force 2 to 5 grams, Output .8 mv/cm. Not recommended for changers. Shpg. wt., 7 oz.

| | |
|---------------------|-----------|
| GD-232L Model 481A | Net 48.00 |
| GD-233L Model 481AA | Net 49.50 |

DIAMOND STYLI FOR 481 SERIES—FOR TONE ARMS

| Stock No. | Mfr. No. | Size | Tracking Force | Net |
|-----------|----------|---------|--------------------|-------|
| GD-234L | D-4007A | .7 mil | 2-5 Grams | 18.00 |
| GD-235L | D-4005AA | .5 mil | 1/2-2 1/2 Grams | 19.50 |
| GD-236L | D-4010A | 1 mil | 2-5 Grams | 18.00 |
| GD-237L | D-4027 | 2.7 mil | For 78 RPM Records | 12.00 |

PROFESSIONAL SERIES 400 STEREO FLUXVALVE CARTRIDGES



Professional series designed for both broadcast and home high fidelity systems. Freq. response 20-20,000 cps. Separation: 35 db. Outputs: type 400C 2.6 mv/cm, 400A 1.4 mv, 400AA .85 mv. Use 400C for changers with tracking force 4-7 grams, 400A for arms of 2.5 grams and 400AA with arms $\frac{1}{2}$ to 2 1/2 grams. Shpg. wt., 7 oz.

| | |
|---|-----------|
| GD-238L Type 400C with .7 mil diamond stylus | Net 36.00 |
| GD-239L Type 400A with .7 mil diamond stylus | Net 42.00 |
| GD-255L Type 400AA with .5 mil diamond stylus | Net 43.50 |
| GD-256L Type D-4007C .7 mil stylus for 400C | Net 12.00 |
| GD-234L Type D-4007A .7 mil stylus for 400A | Net 18.00 |
| GD-235L Type D-4005AA .5 mil stylus for 400AA | Net 19.50 |



STANTON UNIPOISE 200 ARM

Designed for tracking less than 1 gram with a high compliance, low mass stylus. Features single pivot bearing for friction-free motion in all planes, simple balance adjustment in all planes, super-sensitive calibrated stylus force adjustment, all metal construction, ultra light-weight. 11 1/2" overall length. Universal cartridge mount. Wt. of moving system 4 1/2 oz. Shpg. wt., 2 lbs.
 GD-257 Less Cartridge Net 36.00

LAFAYETTE TAPE RECORDERS

29⁹⁵
No
Money Down
BUY ON TIME SEE PAGE 381

4-TRANSISTOR PUSH-BUTTON TAPE RECORDER

WITH RECORDING LEVEL METER!

- Lightweight—A mere 2½ lbs.
- Records and plays up to 20 minutes with 1 Standard 3" Reel
- Pushbutton Play, Rewind, Off
- Built-in Recording Level Meter
- Battery operated
- Completely Portable—Take it with you Anywhere

A real triumph in miniature recorders. Space age printed circuitry using a 4-transistor push-pull amplifier and built-in oval 2½x4" PM Speaker provides quality sound. Light weight makes it ideal for travel, business use. Has all the wanted features. Convenient push-button fast Rewind, Off and Play controls, level meter for ease of recording. Record safety interlock prevents accidental erasure of tape; volume control is independent of Off switch; erases automatically in record position. No need for AC adapter; operates on 2 inexpensive batteries. Inputs for microphone and earphone for private playback. Designed for maximum tape economy, the RK-152 employs a half-track tape head—upper half is recorded first and turning over tape records lower half. Plays 10 minutes per side with standard tape—more with ½ mil long play tape. The handsome two-tone plastic case features a sloping speaker grille which faces front for optimum sound and a snap-open top for fast, easy tape loading. Power is supplied by 1 standard 1.5v standard flashlight cell and one 9v transistor battery. Supplied with crystal lapel microphone, magnetic earphone, batteries, 200 ft. 3" reel of tape and an empty reel. Dimensions: 8Wx3½Hx7¾"D. Shpg. wt., 4 lbs.

REPLACEMENT BATTERIES FOR RK-152
 BA-2 9 volt transistor battery Net ea. .21
 BA-157 1.5 volt Net ea. .13



For Home,
School,
and Office

RK-152



COMPLETE WITH MICROPHONE, EARPHONE, 3" REEL OF TAPE, EMPTY REEL, BATTERIES

TAKES REELS UP TO 7"



RK-142

NEW! LAFAYETTE RK-142 TAPE RECORDER

Never Before
Such Quality
and Value

with DYNAMIC
MIKE, PATCH CORD
and EMPTY 7" REEL



for Home



for School



for Office

59⁹⁵
No
Money
Down
EASY BUDGET PLAN
SEE PAGE 381

- With Recording Level Indicator
- ½ Track Doubles Play and Record Time
- Two Speeds—3¾ or 7½ ips.
- 4x6" Speaker for Fine Tonal Reproduction
- Provision for External Speaker
- Permits Direct Recording from Radio or Phono

Perfect for home, school or office. At home, the RK-142 proves ideal for parties or recording your favorite musical performance. Handy fool-proof operation has been provided by a specially designed lever type record switch which completely eliminates the chance of accidental erasure. Speeds are adjustable from 3¾ to 7½ ips by a simple capstan adjustment. Handles up to and including the large 7" variety tape reels. At 3¾ ips, the RK-142 provides more than 4 hours recording on long play ½ mil 2400 ft. tape reel. A special 4x6-inch heavy duty permanent magnet speaker furnishes an exceptionally fine tonal quality. Record level indicator facilitates recording by showing you when the volume control is correctly set. Jacks provided for microphone, phono and extension speaker (special alligator clip cord is supplied). These internal jacks permit making recordings directly from your radio or phonograph regardless of their volume control setting. This feature eliminates distortion, hum and outside noise that may be present and gives you professional recording results. Complete with sensitive microphone. Finished in attractive scuff resistant material. Dimensions: 11¾x9¾x7½". For 110 volts, 60 cycles. Imported.

RK-142WX Shpg. wt., 22 lbs. 59.95

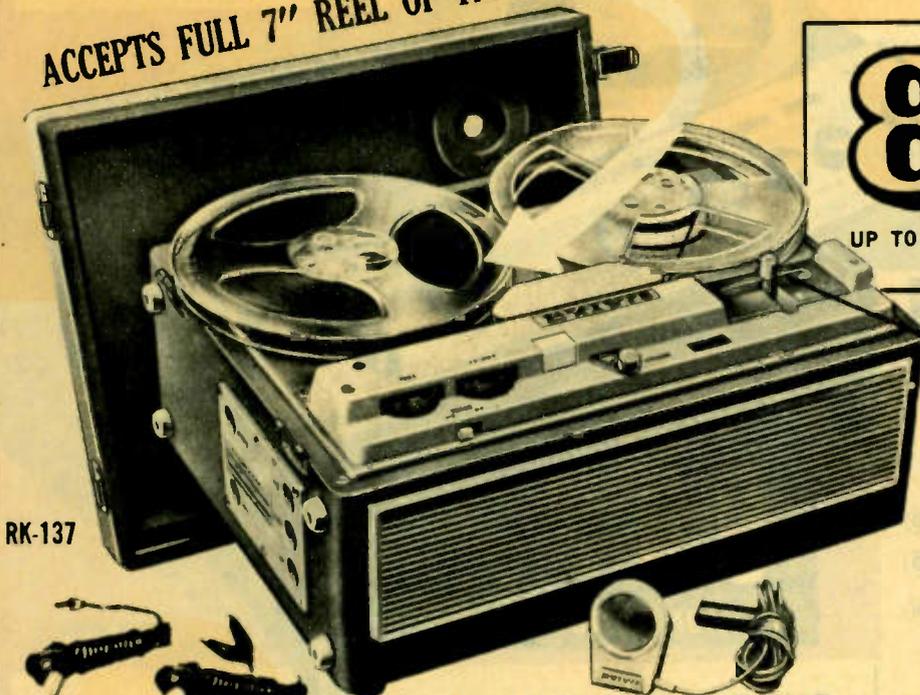
SPECIFICATIONS

Tape speed: 7.5 and 3.75 ips in two speeds. Track system: ½ track monaural record and playback. S/N ratio: -42 db or better at 7.5 ips tape speed. Rewind time: 3 min. for 7" reel. Fast Takeup Time: 3 min. for 7" reel. Erasure: over 60 db. Response: Record-playback response essentially flat with tone control at minimum treble. Approx. 10 db slope between 100 and 7000 cps with tone at max. treble. Wow-Flutter: 0.2% or better at 7.5 ips; 0.3% at 3.75 ips.

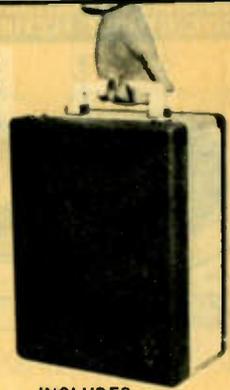
New LAFAYETTE 2-SPEED TAPE RECORDER FEATURES 4-TRACK MONAURAL RECORD/PLAYBACK WITH 4-TRACK STEREO PLAYBACK*

ACCEPTS FULL 7" REEL OF TAPE

89 50
NO MONEY DOWN
UP TO 24 MONTHS TO PAY SEE PAGE 381



LEVER ACTION CONTROL



INCLUDES LIGHTWEIGHT CARRYING CASE

RK-137



COMPLETE with DYNAMIC MIKE, SHIELDED PATCH CORDS, EMPTY 7" REEL and 7" REEL RECORDING TAPE.

with ELECTRONIC TRACK SELECTOR SWITCH and VU RECORDING LEVEL METER

Contains Every Quality Tape Recorder Feature

- Two Speeds—3¼ & 7½ ips • Sensitive Hand-Held Dynamic Microphone with Swivel Desk Stand
- Pause Lever Provides Instant Stop For Editing • Record-Erase Safety Switch • Fast, Rugged Shift Lever Control • Extension Speaker Jack • High Impedance Monitoring Jack • VU Meter
- Recording Level Indicator • Electronic Track Selector Switch • Specially Designed Heavy Duty 6x4 PM Speaker • Separate Erase and Record Heads.

We've tested, we've compared and Lafayette's engineers have certified this new RK-137 Tape Recorder as containing one of the finest, quality constructed, smoothest performing tape mechanisms available. And, at its remarkably low price, the RK-137 must be ranked near the top in Lafayette's long history of best buys. Engineered to provide virtually every wanted tape recorder feature, the RK-137 performs brilliantly, with facilities for 4-track monaural record/playback and 4-track stereo playback *(when used with a second channel containing a tape head input such as found in a component HI-FI system). Controls are completely functional and are designed and arranged to make the RK-137 a genuine pleasure to use. Features include: a rugged, easy to use shift lever for fast rewind, fast forward, play and record functions; a special push-button safety record switch assures against accidental erasure of tapes;

velvet-smooth volume and on-off tone controls; a pause lever instantly stops tape in motion, especially useful for editing; track switch provides fast, dependable electronic switching between tape tracks 1-4 and 3-2. In addition a VU recording level meter has been incorporated to indicate correct volume-setting for recording. Speeds are adjustable from 3¼ to 7½ inches per second by means of a simple capstan adjustment. Tape economy is unmatched—from a standard 7½" 1200 ft. reel the RK-137 provides over 2 hours monaural record/playback time at 7½ ips and over 4 hours at 3¼ ips. Jacks are furnished for microphone input, High-impedance Radio-Phono Input, Extension Speaker Output, Monitor Output and Stereo Head Output for playback of 2nd stereo channel.
RK-137WX Shpg. wt., 22 lbs. Net 89.50

RESPONSE: 40-15,000 cps at 7½ ips. 40-9,000 cps at 3¼ ips. SIGNAL-TO-NOISE RATIO: 42db. WOW & FLUTTER: less than 0.3%. Interchannel separation. Complete in attractive vinyl covered two-tone case and equipped with a dynamic mike, cable assembly for recording from your phono or radio, stereo head input cable for stereo playback, 1200 ft. 7" Reel recording tape with a 7" take up reel. SIZE: 13½Wx6½Hx10¼"D. For 110-120 VAC 60 cycles operation.

**SPEECHES
PUBLIC MEETINGS**

**SCHOOL WORK
VOICE TRAINING**

**TAPE
FM
BROADCASTS**

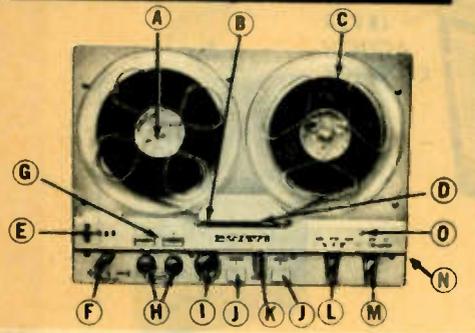
LAFAYETTE *Deluxe* Professional Quality 4-TRACK STEREO TAPE DECK

RECORDS Sound-on-Sound!

2 RECORDING LEVEL
METERS

TAPE INDEX
COUNTER

PROFESSIONAL OPERATING FEATURES
GIVE UTMOST FLEXIBILITY



- A** SUPPLY REEL—Takes up to 7" size
- B** AUTOMATIC CUT-OFF SWITCH—Stops recorder at end of tape or if tape breaks. Also serves as tape guide
- C** TAKE-UP REEL—For Reels up to 7 Inches
- D** HEADS—Separate Record/Play and Erase. Mu-metal Shielded Heads and Pressure Pads Eliminate Hum
- E** INDEX COUNTER—Accurately Indicates Tape Position in Either Direction
- F** SPEED CHANGE LEVER/POWER ON-OFF—Selects 2 Speeds 3¾ ips & 7½ ips Automatically Equalized
- G** LEVEL INDICATORS—2 Meters Indicate Recording Levels For Each Channel
- H** INDIVIDUAL VOLUME CONTROLS—For Each Channel Can Also Be Used For "Trick" Sound Effects
- I** MASTER VOLUME CONTROL—Provides over-all Playback Level
- J** RECORD BUTTONS—One for Each Channel Permits Sound-On-Sound
- K** PAUSE CONTROL—Self-holding—Makes Editing Easy
- L** REWIND/STOP/PLAY LEVER—Instantaneous Selection. Rewind Time Less Than 4 Minutes For 1200 ft. Reel
- M** STOP/FAST FORWARD—Fast Forward Control and Stop which Stops Tape Quickly Yet gently From Fast Forward Motion
- N** MICROPHONE JACKS—2 Side Mounted Stereo Input Jacks for Microphones
- O** ON/OFF PILOT LIGHT



ONLY
99 50
LESS
CASE
NO MONEY DOWN

SHOWN with
OPTIONAL CASE

BUILT-IN TRANSISTORIZED STEREO RECORD/PLAY PREAMPS

- **PLAYS:** 4-Track Stereo Tapes, 2-Track Stereo Tapes, 4-Track 2-Track and Full Track Monophonic Tapes
- **RECORDS:** 4-Track Stereo or Monophonic from AM, FM, FM Multiplex, Radio, or Phono Sources; Live from Microphones

Begin your stereo component system with this outstanding tape recorder reproducer. The RK-140 abounds in professional-type features making it suitable to meet every stereo and monophonic recording situation. Styled right too! Tape transport and electronic components are integrated into one lightweight unit, for use in either a portable carrying case or a handsome built-in home installation. Rugged tape transport has an ultra quiet 4-pole air-cooled induction motor and belt drive for double flutter filtering. Provides smooth drive action. Automatic tape stop at end of the tape or during a break in the tape, and handy pause control give absolute control over tape. Superb electronics consist of transistorized and tube stereo preamps for self-contained record and playback facilities. Makes 4-track stereo and monophonic recordings. Plays back 2 and 4-track stereo and monophonic tapes. The two channels operate

independently to permit recording one channel at a time (sound-on-sound). Clear FM multiplex recording is assured by high (80 KC) bias operation. Both heads and pressure pads are mumetal shielded to eliminate hum. The simplicity of the RK-140 makes it easiest to use—all transport and electronic controls are located on the top panel for easy access. Two jacks are provided for connection of stereo microphones (not included) for making "live" stereo recordings. Two recording meters permit accurate recording levels to be set making it simple to have professional-type recordings you will be proud of. The Pause control further assists in making "pro" recordings by stopping the tape momentarily for editing out commercials, poor notes etc. For 117V, 60 cycles AC. Tape Deck is complete with preamps, 4 connecting cables and empty reel. Shpg. wt., 20 lbs.

| | |
|----------------------------------|------------|
| RK-140WX Deck less case | Net 99.50 |
| RK-143WX Deck with carrying case | Net 114.50 |
| RK-145W Deluxe carrying case | Net 15.00 |

S P E C I F I C A T I O N S

Frequency Response, Record/Playback: 40-18,000 cps @ 7½ ips; 40-12,000 cps @ 3¾ ips. 4-transistors, 4 tubes, 1 full wave bridge rectifier. Audio Output: 8 volts per channel, S/N Ratio: 45 db, Interchannel Separation: 45 db or better; Wow & Flutter: Less than 0.25% @ 7½ ips; Under 0.4% @ 3¾ ips; Bias & Erase: 80 KC; Rewind Time: Less than 4 minutes for 1200 ft. of tape. Speed Accuracy: start to finish — under 2%. Controls: Pause 2 Record Buttons w/Safety Interlocks. Rewind/Stop/Play; Stop/Fast Forward; Power on/Speed Selector, 3 volume controls, Counter: 3 digit. 2 audio output, 2 monitor jacks, 4 input jacks. For 117 volts 60 cycles AC. Size: 15Wx6¼Hx10½"D. 5½" Deep below panel.

For Portable or Custom
Built-in Installations



The Magnificent Fidelity of Stereo Tape

... YOURS WITH THIS NEW



OPTIONAL PORTABLE CARRYING CASE

NOTHING EXTRA TO BUY

Fully Equipped! Contains its own built-in Stereo Playback Preamps

- Dual NARTB Equalized Transistorized Stereo Playback Preamps Allows Use With Virtually Any Stereo Amplifier
- 2 Speeds—7½ & 3¾ ips
- Accepts Full-Size 7 Inch Reels

There is nothing to equal the superlative reproduction and fidelity of prerecorded stereo tape. And now, at the price you'd expect to pay for a record changer you can equip your music system with this new Lafayette Stereo Playback Tape Deck. Precision engineered to satisfy the most discriminating music listener, the RK-141 will playback with uncompromising fidelity ¼ track and ½ track stereo tapes plus ½ track and full track monaural tapes. Unlike other units requiring separate playback preamplifiers, the RK-141 is equipped with its own built-in 6 transistor dual stereo playback preamplifiers equalized for the NARTB tape curve — allows use with virtually any stereo amplifier by merely connecting to the auxiliary, tuner, or hi-level tape inputs. Its tape handling qualities and mechanism reflect the careful design and construction employed—the precision laminated tape playback head is of the same type found in the costliest units; tape is automatically disengaged from the tape head in rewind, fast, forward and stop positions. In addition, the unit automatically shuts off at the end of the tape (without any need for attaching metal leaders at the tape ends). The 4-pole, heavy-duty, constant speed induction motor is fused and employs a dynamically balanced flywheel. A front panel speed selector switch allows instant selection of 7½ or 3¾ ips speeds. In addition, two rugged lever-action controls provide for Rewind, Off, Play and Fast Forward functions. Accepts all size tape reels up to and including 7". Measures 10¾x14¾x5½". Complete with shielded hook up cables. Shpg. wt., 17 lbs. Net 59.50

RK-141WX Furniture Grade Walnut Base for RK-141. Shpg. wt., 4 lbs. Net 6.95

RK-148BW Portable Carrying Case for RK-141. Shpg. wt., 5 lbs. Net 9.95

RK-147W

LAFAYETTE 2-SPEED STEREO PLAYBACK TAPE DECK WITH 6-TRANSISTOR DUAL STEREO PREAMPS

COMPARE THESE PERFORMANCE SPECIFICATIONS

- Frequency Response: @ 7½ IPS, 50-15,000 CPS ± 1.5db; @ 3¾ IPS, 50-9,000 CPS ± 2db
- Wow & Flutter .15% @ 7½ IPS, 0.2% @ 3¾ IPS
- Cross Talk & Stereo Channel Separation: 50db
- Signal To Noise Ratio: 50db
- Playback Output with Built-In Stereo Playback Preamplifiers 0.5V
- 110-120V 60 cycles AC operation

Priced At No More Than You'd Expect to Pay For A Record Changer!

59⁵⁰

NO MONEY DOWN!



technicorder MINIATURE TRANSISTORIZED 2-SPEED TAPE RECORDER

6 Transistors plus Thermistor for high gain with Push-Button Controls

79⁵⁰

NO MONEY DOWN

- Weighs Only 6 lbs. With Batteries
- Fully Transistorized—6 Transistors plus 1 Thermistor
- Records & Plays Up to 64 Minutes
- Dual Track • Two Speeds—3¾ ips & 1½ ips
- Push Button Controls • Built-In Soaker • Use Anywhere—Powered By 4 Inexpensive Flashlight Batteries
- Rugged Dynamic Microphone • Special Synchro-rod Synchronized Tape Speed With Your 8mm Movies

IDEAL FOR OFFICE DICTATION



Employs the most advanced transistor circuitry (6 transistors plus 1 thermistor). Operation is accomplished entirely by push-button with rewind, stop, play and record functions furnished by 3 simple push-button controls. In addition as a safety feature, a special record button is provided to prevent accidental erasure. The correct reading level and battery condition is given by a VU meter located on the front panel. Convenient volume control adjustment with jacks external speaker and microphone are easily accessible at the side. For home movie fans a specially designed Synchro-rod is provided, which, when screwed into the capstan allows synchronizing the speed of the RK-126 with that of your 8mm projector. Two speeds, 3¾ and 1½ are provided, with speed changes easily accomplished by means of a simple capstan adjustment. Designed for maximum tape economy, the Technicorder utilizes precision

dual track heads (1 erase plus 1 record/playback) to provide record/playback time at 3¾ ips for 16 minutes per single track and 32 minutes per dual track; at 1½ ips time is extended to 32 and 64 minutes per single track and 64 minutes per dual track. Exceptional fidelity and sound quality are achieved by means of a specially developed 2¾x8¼" oval speaker and AC recording bias system, with a signal/noise ratio of -49 db. Housed in an attractive tan and black hi-impact poly-vinyl case, the Technicorder features a handy snap-open plexiglass top for fast, efficient tape loading. Supplied complete with shoulder strap, dynamic microphone and case, 3" reel of tape and empty reel, batteries, splicing tape and extension speaker cord. Size: 3Hx9½Wx7¾"D. Net 79.50

RK-126L Shpg. wt., 8 lbs.

SUPPLIED COMPLETE WITH

- Extension Speaker Cord
- Microphone
- Earphone
- Splicing Tape

OPTIONAL ACCESSORIES

| | | |
|-----------------------|--|-------------|
| Mike w/ Remote Switch | TECHNICORDER ACCESSORIES | Net 17.95 |
| Foot Switch | RK-216 AC Adaptor for 115V. 60 cycles AC. Shpg. wt., 3 lbs. | Net 3.95 |
| AC Adaptor | RK-128 Telephone Pickup. Shpg. wt., ½ lb. | Net 4.95 |
| Telephone Pickup | RK-129 Foot Switch for dictation. Shpg. wt., 1½ lbs. | Net 7.95 |
| | RK-131 Mike w/ Remote Switch for RK-126 Technicorder | Net 4.95 |
| | RK-149 Leather Carrying Case | Net .69 |
| | RT-20 Tape—3" reel of 300 ft. ½ mil nylon tape. Shpg. wt., ½ lb. | Net ea. .13 |
| | BA-197 Replace Batt. for RK-126, 4 reqd. Shpg. wt., 4 ozs. | |

SONY SUPERSCOPE

the TAPEWAY to STEREO

NEW MODEL 464-CS STEREO RECORDING AND PLAYBACK TAPE SYSTEM



- Complete Record/Playback Electronics
- Built-in Monitor Speakers
- Record/Playback 4-Track Stereo and Mono Tapes
- Sound-on-Sound Recording Facilities

Completely portable stereo recording and playback system utilizing the famous Sony belt-free idler wheel drive mechanism and dynamically balanced capstan-flywheel assembly for maintaining flutter and wow specifications to less than 0.2% @ 7½ ips. Other specs: freq. resp., 30-18,000 cps; bias freq., 80kc — push-pull oscillator circuit; signal-to-noise ratio, better than 50 db. Features push-button channel selector switches and 2 high level line inputs for FM stereo recording. Supplied with 2 F-7 dynamic microphones. MODEL 464-CS with 6 free reels of Lafayette recording tape. Imported.

299 50

Net 299.50

SONY MODEL 464-D STERECORDER

- 4-Track Stereo & Mono Record/Play
- Built-in Record-Play Preamps
- 2 Speeds—7½ & 3¾ ips
- Remote Channel Integrator Control Unit
- Sound-on-Sound



199 50

The compact 464-D is a 2-Speed 4-track stereo and monophonic record/play tape recorder designed for custom installation. Contains built-in record and play preamplifiers with frequency response of 40-15,000 cps @ 7½, 40-12,000 @ 3¾ ips and bias frequency of 60 Kc. Features include: belt-free drive mechanism, sound-on-sound and sound-with-sound switch, push-button mode selector for stereo or 4-tr. mono record and playback. Signal-to-noise ratio—better than 50 db. Special compact accessory panel permits easy accessibility to microphone inputs and sound-on-sound switching—less case. Size: 13¼Wx 6Hx11¾"D. Shpg. wt., 23 lbs. Imported.

MODEL 464-D with 6 free reels of 7" Lafayette Recording Tape. RK-496WXM Net 199.50

Model PC-4 Portable case for 464-D. Imported. Net 25.00
RK-279W

MODEL 262-D TAPE DECK

- 4-Track Stereo Record/Playback & Erase Heads
- 7½ & 3¾ ips Tape Speeds
- 30-18,000 cps Response
- Full 7" Diam. Reel Capacity



89 50

High quality, precision engineering and construction at a truly economical price make this unit an unbeatable value. Provides for every tape facility—tape heads are wired to six outputs. With your present stereo amplifier you can play back 4-track stereo tapes or by adding a recording amplifier, make your own 4-track tapes. A 4-track stereo erase head is included. Features include instantaneous selection of 7½ or 3¾ ips tape speeds;

instant stop lever; safety lock record button, automatic tape lifter and a digital counter. Freq. Response from 30-18,000 cps at 7½ ips. ± 2 db 50-15,000 @ 7½ ips and ± 2 db 50-12,000 @ 3¾ ips. For 110-117 VAC operation. Size: 13Wx5½x 10"D. Shpg. wt., 15 lbs. Imported.

MODEL 262-D with 6 free reels of 7" Lafayette Recording Tape. RK-490WXM

Attractive Walnut Base for Sony 262-D described above. Net 89.50

RK-284W

Net 89.50

MODEL SRA-2 STEREO RECORDING AMPLIFIER

Provides all facilities for 4-track stereo & mono recording with 262-D stereo tape deck. Connects to 262-D deck without modification. Features separate inputs for 2 microphones and FM stereo recording. Frequency Resp. 30-18,000 cps. Size: 12¾Wx3¾Hx8½"D. RK-287WX Imported Net 89.50



MODEL 101 TRANSISTORIZED DUAL-TRACK

- 2-Speed 7½ & 3¾ ips
- Fast Forward & Rewind
- Lightweight

TAPE RECORDER

An AC powered bantam-weight dual-track tape recorder which incorporates the latest design in transistor circuitry. Ideal for those who require low cost, high fidelity reproduction, the model 101 records and plays back monophonic 2-track tape with a frequency response of 50-12,000 cps at 7½ ips and 50-8,000 cps at 3¾ ips. Flutter & wow, less than 0.25% at 7½ ips. Imposing features include: a VU meter and volume control; inputs for mike and auxiliary units; external speaker output, tape lifters and built-in AC power supply. Plugs directly into wall outlet. Complete with 7" reel, dynamic mike, speaker and case. Size: 12Wx6½Hx 10"D. Shpg. wt., 18 lbs. Imported.

MODEL 101 with 6 free reels of 7" Lafayette Recording Tape. RK-492WXM Net 89.50

99 50



FREE 6 REELS

of LAFAYETTE RECORDING TAPE
WITH THE PURCHASE OF ANY
SONY TAPE RECORDER
ON THIS PAGE

MODEL CS-300 STEREO RECORDER



399 50

A complete 4 and 2-track stereophonic tape recording and playback system with built-in stereo preamplifiers and stereo playback monitors. Recording and playback also for 2 and 4-track monophonic tapes. Two speeds 7½ & 3¾ ips. Two built-in VU meters insure accurate playback and record levels for professional sounding tapes. INPUTS: Stereo or monophonic 4 and 2-track recording, from 2 or more microphones, AM/FM stereo tuners, stereo record players and tape players. Separate level controls for microphone and auxiliary inputs provide mixing facilities for sound-over-sound recordings. Low impedance outputs to match external preamp or power amplifier inputs. An Instant Stop Lever insures precise editing and cueing. Accidental erasure of important tapes is prevented by a Safety Lock Recording Button. Bass compensation can be chosen from front panel. SPECIFICATIONS: Frequency response: 30-18,000 cps at 7½ ips; 30-13,000 cps at 3¾ ips. Signal-to-Noise Ratio 50 db or more per channel. Flutter and Wow—less than 0.15% at 7½ ips, less than 0.25% at 3¾ ips. Harmonic distortion less than 2% at 3 db below rated output. Tubes: 2-12AD7, 2-6AU6, 2-6AQ5, 1-12BH7, 1-6CA4. Size: 17Wx8Hx14"D. For 117 volts 60 cps AC. Includes carrying case with 2 built-in speakers and 2 F-7 dynamic microphones. Imported. MODEL CS-300 with 6 FREE REELS of 7" Lafayette Recording Tape. RK-493WXM Net 399.50

MODEL DK-300. Same as CS-300 but without carrying case, speakers, and microphones—includes 6 free reels of 7" Lafayette Recording Tape. Net 349.50

RK-494WXM Shpg. wt., 35 lbs. Imported

MODEL 262-SL 4-TRACK STEREO RECORDER



199 50

- Records Sound-On-Sound

An exciting new stereo tape recorder with 4 and 2-track stereo playback plus 4-track monaural record facilities. Built-in monophonic preamplifier, recording amplifier and monitor power amplifier. Also second channel playback preamplifier. Sound-on-Sound recording makes it ideal for language and music training. Provides instantaneous selection of 7½ or 3¾ ips tape speed. Features include record level indicator, tone control, level control for record and playback, digital tape counter and safety lock record button. Inputs facilities furnished for Mic, Radio/Aux with outputs for Ext. Speaker Ch. 1 or 2 and Preamp Ch. 1 or 2. Frequency Response ± 2db 50-15,000 cps at 7½ ips. Flutter & Wow less than 0.15%. Complete with portable case, earphone, monitor speaker, dynamic microphone and connecting leads. Shpg. wt., 18 lbs. Imported. MODEL 262-SL with 6 free reels of 7" Lafayette Recording Tape. RK-491WXM Net 199.50

**NEW SONY MODEL 777-S4
ALL-TRANSISTORIZED
PROFESSIONAL
TAPE RECORDER**



- 4-Track Stereo Recorder with 2 & 4-Track Stereo/Mono Electro-Bilateral Playback Head, 1/4 Track Stereo/Mono Record Head and Standard In-line 1/4 Track Erase

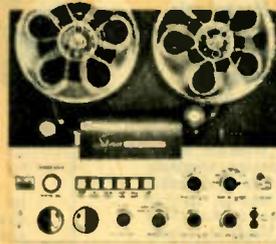
Engineered to meet the requirements of both the professional and consumer, the 777-S4 provides complete facilities to record and playback both 2 and 4-track stereo or monophonic tapes without track width or alignment compromise. Patented Sony Electro-Bi-Lateral heads provide the equivalent of 6 separate stereo heads. Other professional features are: 3 motors, including 2-speed hysteresis-synchronous drive motor, solenoid push-button operation; built-in remote control for all modes. Frequency response: 50-16,000 cps \pm 2 db @ 7 1/2 ips, 60-10,000 cps \pm 2 db @ 3 3/4 ips. Flutter & Wow: less than 0.12 rms @ 7 1/2 ips. Signal-to-Noise: -52 db. Size: 16Wx17 1/4Hx9"D. For 117 volts, 60 cycles AC. With carrying case and remote control. Shpg. wt., 46 lbs. Imported.

Model 777-S4 plus 6 FREE 7" reels of Lafayette recording tape. RK-498WXM Net 599.00

FREE!

6 Reels of 7" Lafayette Recording Tape with the Purchase of Any Tape Recorder on This Page

**NEW!
EICO
RP-100
TAPE
DECK**



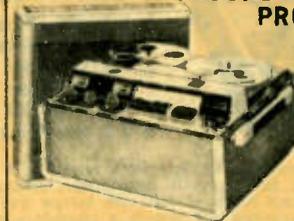
- Separate Transistor Stereo Record and Playback Amplifiers • 1/4 Track Heads For Erase/Record/Playback • Electrical Pushbutton Control • New Hysteresis-Synchronous Capstan Motor

A professional studio-type tape deck which features 1/4 track heads for stereo record and playback plus off-the-tape monitor and sound-on-sound recordings. Separate transistor record and playback amplifiers, 3 motors including a new hysteresis-synchronous capstan motor dual recording meters and electronic control facilities for mixing etc. Wow & Flutter: under 0.15% rms @ 7 1/2 ips; Frequency Response: 30-15,000 cps \pm 2db @ 7 1/2 ips, 30-10,000 cps \pm 2db @ 3 3/4 ips. Signal-to-Noise ratio 55db. 2 speeds. For 110-120 v 60 cycles AC. Size: 15 1/4Wx13 3/8Hx7"D. Shpg. wt., 28 lbs.

EICO RP-100 plus 6 FREE reels of 7" Lafayette Recording Tape. RK-274WXM Net 399.95

RK-277WX CC-2 Carrying Case. Shpg. wt., 13 lbs. Net 29.95

**CONCORD MODEL 880
PROFESSIONAL
STEREO
TAPE
RECORDER**

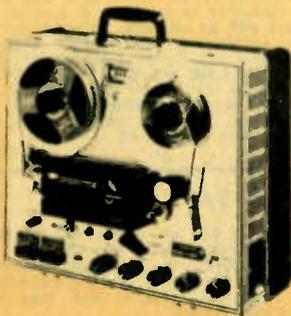


- Contains 3 Separate Heads—Stereo Erase, 4-Track Stereo Record, 2-Track & 4-Track Stereo Playback • Individual Tone & Volume For Each Channel • 3 Speeds—1 1/2 ips, 3 3/4 ips & 7 1/2 ips • Two 7" Speakers For Stereo

A completely self-contained portable stereo high fidelity music recording and playback system which may be used with its own speakers and amplifiers or your present music system. Employs 3 professional quality, laminated tape heads—stereo erase, 4-track stereo record, 2-track and 4-track stereo playback. Features include: sound-on-sound recording, push-button controls, individual recording level controls with VU recording level meters for each channel, separate tone and volume controls for each channel, master volume control and digital tape counter. Interlocked recording controls prevent accidental erasure. Specifications: Tape Speeds: 1 1/2 ips, 3 3/4 ips; Frequency Response: 7 1/2 ips—30-20,000 cps, 3 3/4 ips—30-15,000 cps, 1 1/2 ips—50-8,000 cps; Signal-to-noise ratio: Better than 60 db. Flutter and wow: less than .15% at 7 1/2 ips. Output Level: 10 watts (5 watts each channel). Reel Size: 7" maximum. Complete with 2 mikes, 7" reel. 19 1/2Wx11Hx7"D. Shpg. wt., 50 lbs.

Model 880 plus 6 7" reels of FREE Lafayette Recording Tape. RK-154WXM Imported Net 349.50

**AMERICAN CONCERTONE
REVERSE-O-MATIC TAPE RECORDER**



- Reverse-O-Matic Operation* • 4 Separate Heads for 4-Track Stereo Erase, Record, Playback and 2-Track Playback • 3 Drive Motors

Model S-505 4-RK has exclusive Reverse-O-Matic* which doubles your listening time without changing reels. Plays 4-track stereo tapes from start to finish automatically reverses and plays the other stereo tracks. Plays all monophonic types as well as 2-track stereo. Individual record and playback selections permit sound-on-sound recordings. Each channel has separate line and microphone controls with provision for mixing. Response: 30-20,000 cps @ 7 1/2 ips, 30-15,000 cps @ 3 3/4 ips. Flutter and Wow: Less than 2% RMS @ 7 1/2 ips, less than 25% @ 3 3/4 ips. Signal-to-Noise, -50 db., 3 hysteresis motors; VU meters and digital counter. Comes in brushed stainless steel with reverse-matic and portable carrying case. For 115v, 60 cycles AC. Size: 16 1/4Wx14 1/4Hx6 3/4"D. Shpg. wt., 43 lbs.

Model S-505 4-RK plus 6 FREE 7" reels of Lafayette Recording Tape. RK-221WXM Net 649.50

**ROBERTS "990A"
STEREO TAPE RECORDER**

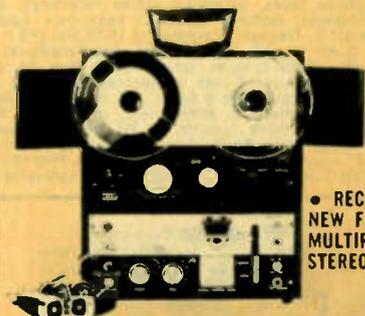


- 4-TRACK STEREO AND MONAURAL RECORD/PLAYBACK
- 2-TRACK STEREO PLAYBACK, 4-TRACK MONAURAL RECORD/PLAYBACK
- PROFESSIONAL LEVER TYPE AUTOMATIC SHUT-OFF

A fully self-contained portable stereo tape recorder that offers professional capability and versatility. Use in conjunction with your stereo system as a tape deck or as a portable with its own self-contained extended range monitor speakers and stereo amplifier. The exclusive Roberts multiple adjustment head allows instant selection of all recording and reproducing functions. Precisely aligns 1/4 track recording and playback heads for 4-track monaural record play. Frequency Response: 40-15,000 cps at 7 1/2 ips \pm 2 db; 40-12,000 cps at 3 3/4" \pm 3 db. Wow and flutter: less than 0.12% RMS. Signal to noise ratio: -50db. Record Inputs: 2 high impedance inputs; 2 high level line inputs. Outputs: Head outputs from each channel; Speaker outputs from each channel. Operates in both vertical or horizontal positions and employs a new high torque, fan cooled hysteresis-synchronous motor. Features also include professionally styled and calibrated dual VU meters. Accurate tape index counter and interlocking controls to prevent accidental erasure of recorded tapes. Accepts up to 7" reels. For 105 to 120 volts; 60 cycles. Size: 20x14x9". Shpg. wt., 50 lbs.

Model 990A (Imported) plus 6 FREE 7" reels of Lafayette Recording Tape. RK-392WXM Net 399.50

**ROBERTS "1040"
STEREO TAPE RECORDER**



- RECORDS NEW FM MULTIPLEX STEREOCASTS

A compact self-contained stereo tape recorder that offers the most advanced tape deck features and professional performance. Operates horizontally or vertically, through its own stereo speaker system and amplifiers or through your existing components. Designed to provide 4-track stereo and monaural record/play. 2-track stereo and monaural playback, sound on sound record, and record facilities for the new FM multiplex stereo casts. Interlocking controls prevent accidental erasure of tape in rewind or fast forward. Other features include: push button function switches, professional edit lever, automatic shutoff, index counter, dual concentric volume and tone knobs with clutch controlled balance, professional VU meter with channel switch. Record Inputs: 2 high impedance mic inputs, 2 high impedance high level line inputs. Playback Outputs: 2 high impedance outputs independent of volume control for connection to any stereo hi-fi amps; two 8-ohm outputs for external speakers or headphones. Frequency Response: 40-15,000 cps at 7 1/2 ips, \pm 2 db. 35-11,000 cps at 3 3/4 ips, \pm 3 db. Signal to Noise Ratio: -42 db. Wow and Flutter: less than 0.18%. Accepts up to 7" reels. Size: 15 1/2Wx10 1/2Hx13 3/8"D. Shpg. wt., 30 lbs. For 105-125 volts 60 cycles AC.

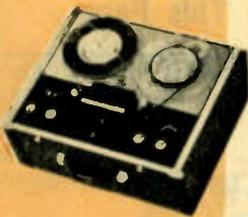
Model 1040 (Imported) plus 6 FREE 7" reels of Lafayette Recording Tape. RK-391WXM Net 299.50

AMPEX

THE FINE LINE 1200 SERIES

MODEL 1260 STEREO TAPE RECORDER

Portable 2-Speed Tape Recorder



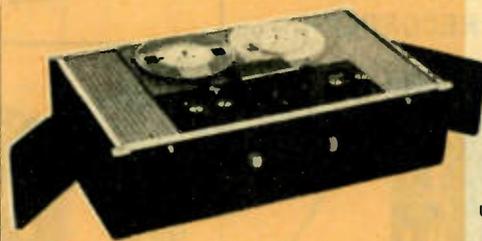
- Built-In Matched Pair of Speakers
- RECORDS: 4-Track Stereophonic
4-Track Monophonic
- PLAYS: 4-Track Stereophonic
2-Track Stereophonic
4-Track Monophonic
- 2 Speeds 7½ and 3¾ ips

The 1260 is a major advance in 4 track recorders. A tape deck offering superior recording facilities with preamplifier included. Separate erase, record, and playback heads with precision narrow track design eliminate reverse channel cross-talk and provide a signal-to-noise ratio comparable to previous 2-track recording. Features automatic tape take-up, built-in mixer—4 inputs; Precision recording level meter and exclusive "Auto-Set" shutoff which operates for either unattended recording or playback. Specs: Freq. Response 50-15,000 ± 2db at 7½; 50-8,000 cps ± 2db, 3¾ ips; Flutter & Wow under 0.2% rms. 7½ ips, S-N ratio: Better than 55db at 7½ ips. Size in case 9x15x17½". For 117V AC 60 cps. Shpg. wt., 38 lbs. RK-303WX Net 545.00

AMPEX MODEL 1250 DECK

Same as Model 1260 but less case. Size: 13Wx6½Ox1¾" above top plate. RK-305WX Net 499.50

MODEL 1270 STEREO TAPE RECORDER

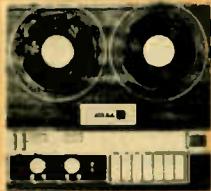


- Complete 4-Track Recording and Playback Facilities
- Built-In Matched Pair of Speakers

UP TO 24 MONTHS TO PAY SEE PAGE 381

A complete 4-track tape recorder with exclusive ampeg fine line alignment for accurate tape guidance. Contains all stereo recording and playback equipment including matched monitor speakers and amplifiers. Records and plays 4-track stereophonic and monophonic tapes and also plays back 2-track stereo at 3¾ and 7½ ips. Other features include exclusive automatic tape take-up and "Auto-Set" shut off. Precision recording level meter for accurate balancing. Other specifications include: Freq. response, 50-15,000 cps ± 2db at 7½ ips; 50-8,000 cps ± 2db at 3¾ ips. 4 inputs, S-N ratio; better than 55db at 7½ ips; better than 50db at 3¾ ips. For 117V 60 cps. Complete in scuff resistant case. Size: 9Hx25½Wx15"D. Shpg. wt., 46 lbs. RK-304WX Net 645.00

NEW BELL PROFESSIONAL STEREO TAPE DECK MODEL T-347



FREE →

6 Reels of Lafayette 7" Recording Tape with Purchase of T-347

- ECHO EFFECT
- "DUO-SOUND"
- SOUND-ON-SOUND
- OFF-THE-TAPE MONITORING
- 4 TRACK STEREO RECORD/PLAYBACK
- 2 TRACK STEREO PLAYBACK
- PUSH BUTTON OPERATION

Features built-in stereo record, playback preamplifier for making 2-track and 4-track stereo tapes, off-the-air stereo recordings, copy stereo tapes and discs etc. Professional features include 3 heavy-duty 4-pole motors. Wow and flutter less than 0.2%. Frequency response of 18-16,500 CPS ± 3 db @ 7½ CPS & 18-15,000 CPS ± 3 db @ 3¾ IPS (overall record-playback). Playback only extends to 20,000 cps. Signal-to-noise ratio—better than 50 db. Maximum reel size 7". Preamp has 4 inputs—2 high impedances for mikes; 2 high impedance for amps, tuners, etc. 4 outputs and 6 tubes. Has front panel mike jacks, pushbutton speed, off and pause selection, echo effect, off-the-tape monitoring, "DuoSound" and sound-on-sound. Index counter, 2 VU meters. Mounts anywhere, plays in any position. Wood grain finish. Size 15¼Wx13½" front-to-back: 5" below mounting surface 2" above mounting surface (Includes Preamp). Wt., 23 lbs. RK-273WX T-347 Deck plus 6 free reels of Lafayette recording tape. Net 313.55

LUXOR MP-410A 4-TRACK STEREO TAPE RECORDER

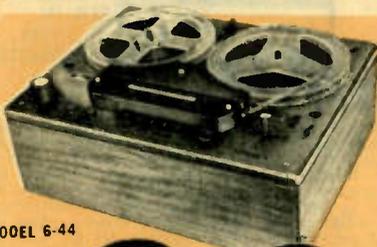
Superb Swedish Craftsmanship



- 40-17,000 C.P.S. at 7½ IPS • Two & Four Track Stereo & Monaural Record & Playback • 3 Speeds 7½—3¾—1½ IPS
- Completely Self Contained with Built-In Speakers and Amplifiers • Professional Quality Laminated Tape Heads • Separate Recording Level Indicators for Each Channel

Superb performance, virtually unlimited versatility plus flawless Swedish precision construction makes this one of the finest instruments we've ever offered. A completely self contained stereo tape unit, the Luxor is equipped with its own built-in speakers and amplifiers for record/playback of both stereo and monaural two and four track tapes. In addition to use as a high performance portable, the Luxor is ideal for utilization with your component stereo system as a tape deck. Fast forward, fast reverse and play are controlled by a single, 3 position, positive shift lever. Record control is furnished with an interlock. Separate gain controls for the two built in stereo speakers. Additional features include: magic eye recording level indicators for each channel and digital tape counter. Frequency Response: 40-17,000 cps @ 7½ ips; 40-14,000 cps @ 3¾ ips; 80-8,000 cps @ 1½ ips; Flutter & Wow: ± .09 RMS @ 7½ ips; ± 18% RMS @ 3¾ ips; ± .25% RMS @ 1½ ips. Stereo Channel Separation better than 35 db. Supplied with patch cord to assure easy use with all U.S. made components. Size 14½Lx 11½Wx6½"H. Shpg. wt., 30 lbs. For 117 Volts, 60 cycle AC. RK-477WX Imported from Sweden Net 279.00

NEW TANDBERG MODEL 6-44 STEREO TAPE DECK



MODEL 6-44

A quality stereo tape deck featuring 3 speed recording (7½, 3¾, and 1½ ips.) and four track record, erase and playback. Four built in pre-amplifiers, two for recording and two for playback. Five push-buttons make for easy operation. Features: built-in FM multiplex, ferrite core erase head, spring-on pressure pad, micro-switch for automatic tape stop, new hysteresis-sync motor and screw-type clutch adjustment. Utilizes printed circuitry for reliability and low maintenance costs, d.c. heating of all tubes, and precision components. SPECIFICATIONS: INPUTS—2 microphones, 2 High Level, and 2 Low Level; Frequency Response—30-20,000 cps at 7½ ips, 30-15,000 cps at 3¾ ips; and 50-7000 cps at 1½ ips. NOISE LEVEL: 57 dB below maximum record level; RECORD LEVEL INDICATORS: Two sensitive electronic Beam Tubes, WOW AND FLUTTER: 0.1% RMS at 7½

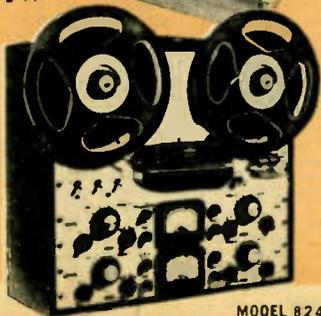
ips, 0.2% RMS at 3¾ ips, 0.25% RMS at 1½ ips; CROSS-TALK REJECTION greater than 60 db. 11 Tubes plus 2 Selenium Rectifiers. Lightweight compact, and handsomely styled. For 110-125-145-200-220-245 volts, 60 cps AC. 16 long, 12 wide, 6" high. Shpg. wt., 30 lbs. Imported from Norway. RK-359WX Net 498.00

MODEL TC-56. Luggage type carrying case for 6-44. RK-366W Shpg. wt., 7 lbs. Net 24.50

MODEL 65 TAPEDECK (NOT ILLUSTRATED). Designed for installations with their own electronics. Frequency response: 30-20,000 cps. @ 7 ½ ips, 30-15,000 @ 3 ¾ ips. Features: operating level knob; 4 digit counter, hysteresis motor, with mounting brackets. POWER-110V; 60 cycles AC. Size: 12Wx6Hx16"L. RK-369WX Shpg. wt., 20 lbs. Net 199.50

NEW CROWN 4-TRACK STEREO "SUPRA" PROFESSIONAL TAPE RECORDER MODEL 824

- THREE SPEEDS 15, 7½, 3¾ IPS • AUTOMATIC STOP • TIMING ACCURACY 99.5%
- REMOTE FACILITY • ALL ALUMINUM CONSTRUCTION



MODEL 824

A new stereo recorder advance, the 824 is a completely professional recorder. Three speeds (15, 7½, 3¾ IPS). Records and plays 4 track stereo. Features: 3 separate heads, 4 pole capstan motor for a 99.5% timing accuracy; photocell magnetic stop in all functions; micro-cycling; full remote control, forced air cooling, straight line threading, fast forward and rewind. Standard rack mount. FREQUENCY RESPONSE: ± 2 db, 30 to 30,000 cps at 15 ips; ± 2 db 20 to 22,000 cps at 7½ ips; and ± 3 db 30 to 15,000 cps at 3¾ ips. WOW and FLUTTER:

0.06% at 15 ips; 0.09% at 7½ ips; 0.18% at 3¾ ips. SATURATION NOISE RATIO: 58 db (15 ips), 55 db (7½ ips) 51db (3¾ ips). POWER REQUIREMENTS: 117V 60 cps AC, 180 Watts. Size 19 x 17½ x 7½". Shpg. wt., 56 lbs. RK-318WX Net 1160.00

Model CC Carry case for 824, 19 x 17½. Shpg. wt., 12 lbs. RK-319W Net 59.00

MODEL HA HUB ADAPTER for NAB hub (10½" reel)

RK-315 Shpg. wt., 1 lb. Net 10.00

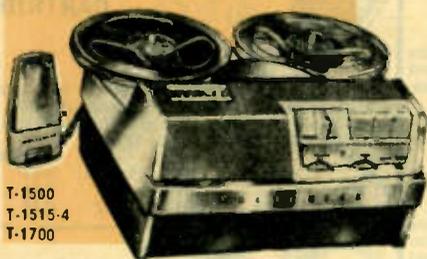
FAMOUS Wollensak TAPE RECORDERS

AT PRICES YOU CAN AFFORD

MODEL T-1500 HI-FI TAPE RECORDER

• 10 WATTS PUSH-PULL OUTPUT! • RESPONSE 40-15,000 CPS \pm 3 DB AT 7 1/2 IPS! • DISTORTION LESS THAN 0.8%! • WOW AND FLUTTER BELOW 0.3%! • SIMPLIFIED KEYBOARD CONTROL • WEIGHS ONLY 18 LBS.!

A really precision portable high fidelity recorder made by a famous manufacturer of precision optics. This latest model T-1500 is made available, for the FIRST TIME AT THIS PRICE, BY LAFAYETTE! Dual speed (3.75 and 7.5 inches per second), dual track—provides up to 4 hrs. of record or playback time. Utilizes miniaturized components and all-metal airplane-type construction to achieve real portability—weighs only 18 lbs., measures 6 1/2 x 10 1/4 x 11 3/4". Takes reels up to 7". Additional features of this outstanding recorder include: signal-to-noise ratio 48db; 2 special hum balance controls: "Balanced Tone" high fidelity; exclusive high speed rewind lever; 2-level recording indicator; precision index counter. Supplied complete with ceramic wide-range microphone, 1 reel of tape, 1 empty takeup reel, radio-tv attachment cord and hi-fi cable. For 110-120 volts, 60 cycles AC. RK-405WX Shpg. wt, 21 lbs. Net 156.50



T-1500
T-1515-4
T-1700

T-1500 156.50
T-1515-4 173.95
T-1700 199.45

MODEL T-1515.4 FOUR TRACK STEREO HI-FI TAPE RECORDER

The Hi-Fi enthusiast's dream in a compact portable tape recorder for true stereo performance. Has all the styling and superb features of the famous monaural T-1500, plus stereo head and built-in second preamplifier. Plays 2 and 4 track monaural and 2 and 4 track stereo. Records up to 4 separate monaural tracks on single roll of tape. 6 1/2 x 10 1/4 x 11 3/4". Shpg. wt., 24 lbs. RK-417WX Net 173.95

Model T-1700 Mobile Tape Recorder

Now listen and record outdoors and indoors with true hi-fidelity. The T-1700 is a full size, portable tape recorder designed to operate from both a home AC outlet or a 12 volt car or boat battery by simply plugging into your cigarette lighter. Same fine performance and specifications of the T-1500. Complete with microphone, reels (one with tape), battery clip and connector, lighter plug plus 12 volt power cord. RK-423WX Net 199.45

ACCESSORIES FOR WOLLENSAK TAPE RECORDERS

TSC-405—VINYL SLIP-OVER CASE. Fits all models. Net 6.75
RK-410W Shpg. wt., 2 lbs. Net 6.75
TE-401 EARPHONES. Low impedance. For all models. Net 9.45
RK-411 Shpg. wt., 8 oz. Net 9.45
TF-404 MECHANICAL FOOT CONTROL. For T-1500 Series. Net 15.75
RK-412 Shpg. wt., 2 lbs. Net 15.75

A-196-2 MICROPHONE EXTENSION CORD. For T-1500 Series. Net 2.25
RK-414 Shpg. wt., 1 lb. Net 6.75
A-196-13 HI-FI CABLE. Connects recorder to Hi-Fi amp or AM-FM tuner. For all models. Net 1.80
RK-415 Shpg. wt., 4 oz. Net 1.80
A-196-12 ATTACHMENT CORD. Connects recorder to TV, radio or phono. For all models. Net 2.25
RK-416 Shpg. wt., 4 oz. Net 2.25

B-179-5 MIXER. Three inputs—Permits mixing of any combination of 3 microphones, phonos, or radios. For all models. Net 13.50
RK-418 Shpg. wt., 2 lbs. Net 13.50
A-196-15 STEREO PRE-AMP CABLE. Connects lower channels of recorder output to input of radio, TV or phono. For T-1515-4. Net 2.50
RK-420 Shpg. wt., 8 oz. Net 2.50



299⁹⁵
BUY ON TIME SEE PAGE 381
FREE!
6 Rolls of 7"
Lafayette Recording
Tape with purchase
of Norelco "400"

CONTINENTAL '400' 4 TRACK STEREO RECORDER

The new "400" model stereo tape recorder, gull-crafted by Philips of the Netherlands, reflects professional quality at a modest price. It is a recorder that was designed to be used and listened to by the music-lover, studio-recording, and high fidelity enthusiast. Four track stereophonic recording and playback with dual stacked heads plus 4 track monophonic operation. Three tape speeds: 7 1/2, 3 3/4, and 1 1/2 ips. FREQUENCY RESPONSE: 50-18,000 cps at 7 1/2 ips, 50-14,000 cps at 3 3/4 ips, 50-7,000 cps at 1 1/2 ips. Signal-to-Noise ratio 55 db or better. Cross-talk 55 db down. Instantaneous locking device for pauses in recording or listening. Wow and flutter less than 0.3% at 3 3/4 ips. Dubbing facilities for producing sound-on-sound. Self-contained record and playback amplifiers including dual hi-fi preamps. SPECIAL CONTROLS: For recording—ganged mike volume, and ganged radio/phone volume. For playback—2 channel tone (Individual concentric controls but friction ganged); ganged volume and ganged channel balance. INPUTS: One 2-channel input for stereo microphone; two 2-channel inputs for stereo tuners or phonos. OUTPUTS: For extension speakers (2); for external amplifiers (2); for stereo headphones (1). MIXING CONTROL for electronic mixing of phono and mike inputs. TUBES—2-6F86, 3-ECC83, 2-EL84, 1-6B84. For 117 volts, 60 cps. AC. Size: 18 1/2 x 15 1/2 x 11 1/2" Shpg. wt., 55 lbs. Continental "400" Recorder (imported from Holland) Plus 6 rolls of 7" Lafayette Recording Tape. RK-399WXM Net 299.95

STEREO RECORDERS AND AMPLIFIERS



NEW VIKING MODEL 86 "STEREO COMPACT" TAPE DECKS



Renowned Viking 1/4 track transport mechanism has been combined with a stereo/playback preamplifier of advanced design. System recording range of 30-16,000 cps is achieved with little roll-off. For minimum spurious noise when recording FM multiplex transmissions the 86 Compact employs a sharp cut-off filter to prevent beating of bias frequency with 38 Kc multiplex

carrier frequency. Other Features: "Erase-Protex" recording interlock; monaural-stereo selector switch; automatic equalization for both 3 3/4 and 7 1/2 ips speeds; variable playback preamplification and "sound on sound" function without patching. Incorporates separate calibrated VU meters, digital tape counter and head shift control. Frequency response 30-16,000 cps \pm 3 db. NAB standard equalization for 3 3/4 and 7 1/2 ips. Microphone and tape head inputs on front panel; high level input on rear panel. Stereo in-line heads of laminated core construction. Multiplex heterodyne trap attenuates 12 db/octave above 20 Kc. Flutter and wow less than 0.2%. Viking Flutter - Filter Capstan belt drive. Size: 13x13x9 1/2" deep. (fits 12 1/2 x 12 1/2" opening). Requires 110-115 v. 60 cycle AC @ 125 watts.

"STEREO-COMPACT" RMQ. Records erases and plays back 1/4 track stereo and monaural plus 1/4 & 1/2 track stereo playback. Anodized Aluminum. Shpg. wt., 25 lbs. RK-258WX Net 299.50

"STEREO-COMPACT" ESQ. Records, erases and plays back 1/2 track stereo and monaural plus 1/4 & 1/2 track stereo playback. Anodized Aluminum. Shpg. wt., 25 lbs. RK-257WX Net 299.50

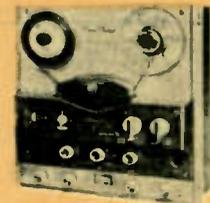


RP-62 RECORDING AMPLIFIER
Designed for use with RQ, ESQ, RMQ or other three-head decks which permits use of a third head for playback. Frequency Response is 30-12,000 cps \pm 3db. Inputs provided for high impedance microphone, tape head input (for direct duplicating) and a radio or phono input. Two units provide for stereo recording. Size 6 1/2 x 3 1/2 x 8 1/4" D. Shpg. wt., 6 lbs. RK-241 Anodized Aluminum Finish Net 57.50

RP-83 RECORD/PLAYBACK PREAMPLIFIER
Response 20-18,000 \pm 3 db. VU meter. Separate high & low inputs, mixable. NAB equal, for 3 3/4 & 7 1/2 ips. Neon record light. Jacks for mike & headphone. Size: 13x2 3/4 x 6". Shpg. wt., 6 1/2 lbs. Anodized Aluminum Fin. RK-259WX Net 87.50

RP-62 RECORD/PLAY AMP.
Model RP62—Top recording and playback performance. Ideal for use with 2-head tape decks. Two are required for stereo. Size: 13Wx2 3/4Hx7"D. Shpg. wt., 7 1/2 lbs. RK-229WX Anodized Aluminum Finish Net 77.50

WEBCOR MODEL ED2250 REGENT CORONET STEREO TAPE DECK



189⁹⁵
FREE!
6 Rolls of 7"
Lafayette Recording
Tape with purchase
of Webcor ED2250

A new stereophonic, high fidelity tape deck for 2 and 4 track stereo recording plus monaural. Two built-in pre-amplifiers, one for each channel, with cathode follower output. Exclusive new Webcor "Synchro-Track" provides for simultaneous recording and playback. Three tape speeds: 7 1/2, 3 3/4, and 1 1/2 ips. Frequency response—Normal voice frequency at 1 1/2 ips. \pm 2 db, 50-7,000 cps at 3 3/4 ips. \pm 3 db, 40-14,000 cps at 7 1/2 ips. Wow and flutter 0.2% at 7 1/2 ips. Signal-to-Noise Ratio greater than 50 db per channel. SPECIAL FEATURES: 1/4 track stereo record; 1/2 and 1/4 track stereo playback; 4 pole, heavy duty, electronically balanced motor; Belt driven tape transport, editing and cueing key; Record safety lock; Automatic shut-off of ampli-

fier and recorder mechanism; VU meter to indicate correct recording level for each channel; Individual volume controls; "Dual Gang" Bass and Treble controls. INPUTS: 2 microphone, high-level input jack. OUTPUT: External amplifier (2 channels). Will take 3, 5, or 7 inch reels of tape. Numerical type tape counter enables desired locations on tapes to be found quickly. Angled steel mounting brackets allow unit to be operated in vertical or horizontal positions. 6 tubes plus a dual selenium rectifier. For 117 volts. 60 cps AC. Size 7 1/2 H x 15 W x 1 1/2 D. Shpg. wt., 26 lbs. RK-375WXM—ED2250 plus 6 7" reels of tape Net 189.95
RK-374W Carrying Case for ED-2250 Net 32.50

HIGH FIDELITY RECORDING TAPES



SCOTCH RECORDING TAPES AND ACCESSORIES



(B)

TYPE 111 STANDARD TAPE — 1/2 Mil Acetate. Coated with red oxide. Popularly used for high fidelity all purpose recordings. On plastic reels except *NARTB metal reels. Av. shpg. wt., 8 oz., ea.

| Stock No. | Type No. | Reel | Length Feet | Net Each |
|-----------|----------|---------|-------------|-------------|
| RT-181 | 111-1.5 | 3" | 150' | .46 .41 |
| RT-178 | 111-3 | 4" | 300' | .88 .79 |
| RT-179 | 111-6 | 5" | 600' | 1.47 1.31 |
| RT-180 | 111-12 | 7" | 1200' | 2.29 2.05 |
| RT-182 | 111-24H | Hub | 2400' | 5.56 4.99 |
| RT-183 | 111-24R* | 10 1/2" | 2400' | 7.12 6.41 |
| RR-184 | 111-48H | Hub | 4800' | 11.10 9.99 |
| RT-185 | 111-48R | 14" | 4800' | 14.44 12.99 |

TYPE 190 EXTRA-PLAY TAPE — 50% more playing time on standard size reels. 1 mil acetate base. All on plastic reel except *NARTB aluminum reel. Av. shpg. wt., 12 oz.

| Stock No. | Type No. | Reel | Length Feet | Net Each |
|-----------|----------|---------|-------------|-----------|
| RT-193 | 190-9 | 5" | 900' | 2.29 2.05 |
| RT-194 | 190-18 | 7" | 1800' | 3.60 3.23 |
| RT-195 | 190-36R | 10 1/2" | 3600' | 8.40 7.56 |

SCOTCH LEADER TIMER TAPE Type 43P1.5. Has 1 second interval markings for 3 3/4", 7 1/2" and 15" per second speeds. 150 ft. 1/4" wide roll. Individually boxed. 5 oz. RT-177 Lots of 12. Ea. .53 Singly Ea. .59

TYPE 150 EXTRA-PLAY TAPE — 1 Mil extra strong Nylon base high fidelity tapes. Withstands high tension and break resistant. All plastic reels except *NARTB aluminum reel. Av. shpg. wt., 12 oz.

| Stock No. | Type No. | Reel | Length Ft. | Net Each |
|-----------|----------|---------|------------|-----------|
| RT-190 | 150-9 | 5" | 900' | 2.35 2.12 |
| RT-191 | 150-18 | 7" | 1800' | 4.05 3.65 |
| RT-192 | 150-36R* | 10 1/2" | 3600' | 9.41 8.47 |

TYPE 120 HIGH-OUTPUT TAPE — Acetate base recording tapes of 1 1/2 mil thickness. Provides 8 to 12 db higher output than standard types. On plastic reel except *NARTB reel and † NARTB hub. Av. shpg. wt., 14 oz.

| Stock No. | Type No. | Reel | Length Ft. | Net Each |
|-----------|----------|---------|------------|-----------|
| RT-186 | 120-6 | 5" | 600' | 1.47 1.31 |
| RT-187 | 120-12 | 7" | 1200' | 2.29 2.05 |
| RT-188 | 120-24H† | Hub | 2400' | 5.56 4.99 |
| RT-189 | 120-24R* | 10 1/2" | 2400' | 7.12 6.41 |

TYPE 200 TENSILIZED—Tensilized Mylar .50 mil tapes. Provides twice as much playing time as the 1.5 mil standard tape. Stronger and more durable than usual long-play tapes. On plastic reel. Av. shpg. wt., 12 oz.

| Stock No. | Type No. | Reel | Length | Net Each |
|-----------|-----------|---------|--------|-------------|
| RT-197 | 200-24 | 7" | 2400' | 6.20 5.59 |
| RT-198 | 200-48RPS | 10 1/2" | 4800' | 14.38 12.94 |

SCOTCH SPLICING TAPE (B)

Pressure-sensitive tape made especially for splicing and editing magnetic tape. Av. shpg. wt., 3 oz.

| | | |
|----------------|---------------------|-----------------|
| SCOTCH 41-1/2S | 1/2x50" | On dispenser. |
| RT-176 | Lots of 12, Ea. .31 | Singly, Ea. .34 |
| SCOTCH 41-1/4L | 1/2x66" | Loss dispenser. |
| RT-175 | Lots of 12, Ea. .46 | Singly, Ea. .51 |

MAGNETIC TAPE CARTRIDGES



Fits new cartridge machines. Records both monaural and stereo sound. Eliminates threading, rewinding, spare reels. Small size makes them ideal for storage in home libraries. Mylar base. Shpg. wt., 12 ozs.

| Stock No. | Mfr. | Type | Length | 1-11 | 12 Up |
|-----------|--------|-------|--------|------|-------|
| RT-262 | RCA | 264C1 | 560' | 2.94 | 2.65 |
| RT-196 | Scotch | 8000 | 560' | 2.94 | 2.65 |

RCA MAGNETIC SOUND TAPES AND ACCESSORIES



RED SEAL SERIES

The same tape used for RCA Victor Masters

ACETATE-BASE TAPES — New acetate base magnetic recording tapes on plastic reels. Av. shpg. wt., 10 oz.

| Stock No. | Type No. | Reel | Length | Mils | 1-11 | 12 Up |
|-----------|----------|------|--------|------|------|-------|
| RT-260 | 15A-1.5 | 3" | 150' | 1.5 | .46 | .41 |
| RT-250 | 10A-9 | 5" | 900' | 1.0 | 2.29 | 2.06 |
| RT-263 | 15A-6 | 5" | 600' | 1.5 | 1.47 | 1.32 |
| RT-264 | 10A-18 | 7" | 1800' | 1.0 | 3.60 | 3.23 |
| RT-254 | 15A-12 | 7" | 1200' | 1.5 | 2.29 | 2.06 |

MYLAR BASE TAPES — New mylar base tapes, on plastic reels. Full frequency range response, low noise, high strength and extreme durability. *Tensilized mylar. Av. shpg. wt., 10 oz.

| Stock No. | Type No. | Reel | Length | Mils | 1-11 | 12 Up |
|-----------|----------|------|--------|------|------|-------|
| RT-261 | 10M-2.25 | 3" | 225' | 1.0 | .66 | .59 |
| RT-265 | 5TM-3 | 3" | 300' | 0.75 | 1.05 | .94 |
| RT-251 | 5M-12 | 5" | 1200' | 0.5 | 2.97 | 2.68 |
| RT-252 | 10M-9 | 5" | 900' | 1.0 | 2.35 | 2.12 |
| RT-253 | 15M-6 | 5" | 600' | 1.5 | 1.73 | 1.56 |
| RT-258 | 5TM-12* | 5" | 1200' | 0.75 | 3.11 | 2.79 |
| RT-295 | 5M-24 | 7" | 2400' | 0.5 | 5.14 | 4.61 |
| RT-256 | 10M-18* | 7" | 1800' | 1.0 | 4.05 | 3.65 |
| RT-257 | 15M-12 | 7" | 1200' | 1.5 | 2.77 | 2.50 |
| RT-259 | 5TM-24* | 7" | 2400' | 0.75 | 5.71 | 5.14 |

RCA SPLICING TAPES

Pressure sensitive for editing and splicing. Shpg. wt., 3 oz.

| | | | |
|--------|------------|-------------|---------|
| RT-266 | Type 515C1 | 1/4" x 100" | Net .17 |
| RT-267 | Type 511C1 | 1/2" x 100" | Net .22 |
| RT-268 | Type 512C1 | 1/2" x 150" | Net .30 |
| RT-269 | Type 513C1 | 3/4" x 100" | Net .32 |
| RT-270 | Type 514C1 | 3/4" x 150" | Net .39 |



7" TAPE CHEST

.95

Durable chipboard storage cases covered in simulated leather. Holds 5 7" reels in separate compartments. Size: 8 7/8 x 4 1/2" Shpg. wt., 1/2 lb. **MI-315** Net .95



TAPE EDITING AND SPLICING

A book covering every aspect of splicing technique and editing procedure. For the professional and the amateur tape recordist. Fully illustrated. **BK-21** Postpaid in U.S.A. Net .25

audiotape AND ACCESSORIES



FEATURING C SLOT THREADING

STANDARD TAPE — 1/2 mil cellulose acetate base. Low cost with no compromise in quality. All on plastic reels except *NARTB reel. Av. shpg. wt., 8 oz.

| Stock No. | Type No. | Reel | Length | Net Each |
|-----------|----------|---------|--------|-----------|
| RT-110 | 151 | 3" | 150' | .46 .41 |
| RT-114 | 351 | 4" | 300' | .88 .79 |
| RT-116 | 651 | 5" | 600' | 1.47 1.31 |
| RT-121 | 1251 | 7" | 1200' | 2.29 2.05 |
| RT-126 | 2551R* | 10 1/2" | 2500' | 7.12 6.41 |

"LONGER-RECORDING" TAPE — 1 mil acetate base. 50% more recording time per reel. All on plastic reels except *NARTB reel. Av. shpg. wt., 8 oz.

| Stock No. | Type No. | Reel | Length | Net Each |
|-----------|----------|---------|--------|-----------|
| RT-119 | 941 | 5" | 900' | 2.29 2.05 |
| RT-124 | 1841 | 7" | 1800' | 3.60 3.23 |
| RT-128 | 3641R* | 10 1/2" | 3600' | 8.40 7.56 |

"LONGER-RECORDING" TAPE — 1 mil, strong and durable mylar base. 50% more recording time per reel. All on plastic reels except *NARTB reel; † plastic reel in self-mailer carton. Shpg. wt., 12 ozs.

| Stock No. | Type No. | Reel | Length | Net Each |
|-----------|----------|---------|--------|-----------|
| RT-127 | 261† | 3" | 225' | .66 .59 |
| RT-120 | 961 | 5" | 900' | 2.35 2.12 |
| RT-125 | 1861 | 7" | 1800' | 4.05 3.65 |
| RT-129 | 3661R* | 10 1/2" | 3600' | 9.41 8.47 |

COLORED BASE TAPE — 1/2 mil acetate base. Colored for easy identification of recorded passages. On plastic reels. Shpg. wt., 8 oz.

| Stock No. | Type No. | Color | Reel | Length | Net Each |
|-----------|----------|-------|------|--------|-----------|
| RT-118 | 651G | Green | 5" | 600' | 1.47 1.32 |
| RT-123 | 1251G | Green | 7" | 1200' | 2.29 2.06 |
| RT-117 | 651B | Blue | 5" | 600' | 1.47 1.32 |
| RT-122 | 1251B | Blue | 7" | 1200' | 2.29 2.06 |

| Stock No. | Type No. | Size | Single | Net Each |
|-----------|----------|---------|--------|----------|
| RT-101 | 3PB | 3" | .17 | .15 |
| RT-102 | 4PB | 4" | .29 | .26 |
| RT-104 | 5PB | 5" | .39 | .35 |
| RT-107 | 7PB | 7" | .49 | .44 |
| RT-109 | 10RB* | 10 1/2" | 2.62 | 2.35 |
| RT-106 | 10FS† | 10 1/2" | 2.62 | 2.35 |

COLORED PLASTIC REELS. All plastic reels, available in 4 colors; red, yellow, green and blue. Each reel individually boxed. Specify color desired when ordering. Av. shpg. wt., 4 oz.

| | | | |
|--------|----------|--------------------|-------------|
| RT-130 | Type 5PB | 5 inch reel | Net ea. .39 |
| | | In lots of 10, ea. | .35 |
| RT-131 | Type 7PB | 7 inch reel | Net ea. .49 |
| | | In lots of 10, ea. | .44 |

AUDIO NO. 3L SELF-TIMING LEADER TAPE

Strong, white "Mylar" tape with spaced markings for accurate timing of leader intervals. 100 ft., 1/4" wide. Individually boxed. Shpg. wt., 5 oz.

| | | |
|--------|--------------------|-----------------|
| RT-100 | Lots of 10 Ea. .32 | Singly, Ea. .36 |
|--------|--------------------|-----------------|

AUDIO 200 HEAD ALIGNING TAPE

Pre-recorded at 2,000, 10,000 and 15,000 cps (15"/sec) for precise head alignment. Base material 1/2 mil Mylar. With instructions. Shpg. wt., 4 oz.

| | |
|--------|----------|
| RT-111 | Net 5.88 |
|--------|----------|

AUDIO MAILING BOXES

Strong, reversible corrugated containers. Av. shpg. wt., 3 oz.

| Stock No. | Audio | Description | 1-9 | Net Each |
|-----------|-------|-------------------|-----|----------|
| RT-103 | 5M | For 5" Reels | .10 | .09 |
| RT-105 | 7M | For 7" Reels | .13 | .12 |
| RT-108 | 10M | For 10 1/2" Reels | .20 | .18 |

LAFAYETTE RECORDING TAPES AND ACCESSORIES



LAFAYETTE QUALITY IS BACKED BY OUR MONEY-BACK GUARANTEE

LAFAYETTE'S FAMOUS MONEY-BACK GUARANTEE

YOU BE THE JUDGE!

Lafayette's tape is made by outstanding nationally known manufacturers. It is first quality, splice free, red oxide coated, with full frequency response, uniform output and no "drop-outs". Resistant to moisture, heat, cold and abrasion.

We guarantee absolute satisfaction or your money back. If you do not find it equal to tapes costing up to twice the price, if for any reason you are dissatisfied, return the tape in 30 days and we will refund your money. You are the sole judge.

LAFAYETTE ACETATE BASE RECORDING TAPE

Acetate base magnetic recording tape with uniform standard red oxide coating provides wide range high fidelity response over the audio spectrum. Features noise free reproduction, low abrasion and uniform output. In 1 mil and 1 1/2 mil thickness.

| Stock No. | Feet | Reel | Mils | Wt. Lbs. | Net Per Reel | | |
|-----------|------|------|-------|----------|--------------|------|-------|
| | | | | | 1-4 | 5-24 | 25 Up |
| RT-17 | 600 | 5" | 1 1/2 | 1/2 | .99 | .90 | .85 |
| RT-18 | 900 | 5" | 1 | 3/4 | 1.35 | 1.20 | 1.08 |
| RT-10 | 1200 | 7" | 1 1/2 | 1 | 1.59 | 1.49 | 1.35 |
| RT-11 | 1800 | 7" | 1 | 1 1/4 | 1.98 | 1.88 | 1.79 |

LAFAYETTE MYLAR BASE RECORDING TAPE As Low As 63¢

Mylar base is especially strong, durable and break resistant, and is virtually impervious to heat, cold or humidity. All in clear plastic reels, individually boxed.

| Stock No. | Feet | Reel | Mils | Wt. Lbs. | Net Per Reel | | |
|--|------|------|------|----------|--------------|------|-------|
| | | | | | 1-4 | 5-24 | 25 Up |
| RT-20 | 300 | 3" | 1/2 | 1/2 | .69 | .63 | — |
| RT-19 | 900 | 5" | 1 | 3/4 | 1.75 | 1.58 | 1.42 |
| RT-12 | 1800 | 7" | 1 | 1 1/4 | 2.50 | 2.25 | 2.13 |
| RT-13 | 2400 | 7" | 1/2 | 1 1/4 | 3.69 | 3.39 | 3.22 |
| Tensitized Mylar | | | | | | | |
| Prestretched, super-strong mylar base. | | | | | | | |
| RT-16 | 2400 | 7" | 3/4 | 1 1/2 | 4.95 | 4.45 | 4.23 |

LAFAYETTE BULK TAPE ERASER AND DEMAGNETIZERS

PROFESSIONAL MODEL FEATURES

- Completely Erases Tape
- Two Erasing Coils
- Erases up to 1" Tapes
- Erases 1/4" Tapes in One Operation—No Reversing
- For 3", 5", 7" or 10 1/2" Reels



1250
Standard Model

1895
Professional Model

A carefully designed and precisely manufactured tape "degausser" for complete erasing of tapes. Just place the tape reel on spindle of demagnetizer, slowly rotate 2 or 3 turns, take off, and that's all. Reduce tape hiss to the level of new "virgin" tape. Two completely separate coils are used for doubly-effective erasures, even of large, 10 1/2" reels. Will erase 1" wide tape. An extra powerful unit for heavy-duty use—draws over 9 amperes. Can be used to demagnetize tape, magnetically stripped film, plus tools and watches. Has a heavy, custom finished case, a rugged non-magnetic top, heavy duty on-off switch and power cord. Has built-in fuse. Pilot light prevents accidentally leaving it turned on. Size 6 1/2 x 7 1/2 x 3 1/2". 105-125V, 60 cycle. Shpg. wt., 14 lbs. Imported.

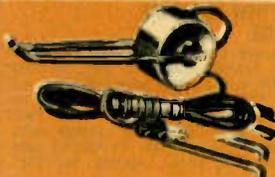
ML-120 Professional Model Net 18.95

STANDARD MODEL

Similar to professional model for all size reels but handles only standard size 1/4" tapes or smaller and reel must be turned over once. Has separate spindle positions for 10 1/2" and 3, 5, and 7" reels: non-magnetic bakelite plate for reel rest. One powerful coil consumes 5 amps. Metal case 7 1/2 x 4 3/4 x 3 1/2". Shpg. wt., 9 lbs. Imported.

ML-176 Net 12.50

LAFAYETTE TAPE HEAD DEMAGNETIZERS



395 DELUXE MODEL WITH 3 REMOVABLE POLE PIECES

Has 3 complete sets of removable pole pieces—straight, 45° and 90° for quick easy use with any tape head. Removes magnetism that accumulates in every tape head insuring optimum signal-to-noise ratio. For 110 Volt 60 cycle. Shpg. wt., 1 lb. Imported.

PK-238 Net 3.95

289 ECONOMY MODEL

Features very strong field with a single probe. Its thin cross-sectional size allows it to be used on all heads. For 110V 60 cycle. Shpg. wt., 12 oz. Imported.

MS-694 Net 2.89

NEW! 600 FT. MYLAR TAPE ON 3 1/4" REEL



- A full hour of recording!

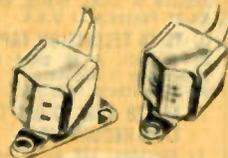
600 ft. of top quality 1/2 mil mylar base recording tape on a 3 1/4" reel that will give you a full hour of playing time on 2 tracks at 3 3/4 ips. Fits all recorders. Especially ideal for miniature and transistorized recorders. Shpg. wt., 12 oz.

RT-21 Net ea., 1.35; 5-24 ea., 1.21; 25 up ea., 1.10

LAFAYETTE RECORDING HEADS

- Each Set Contains 2 Heads for Record-Playback and Erase
- Ideal for Experimenters

1/4 TRACK STEREO SET

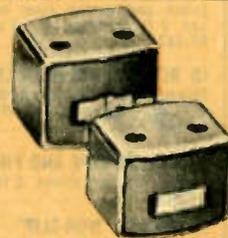


795

A complete 2 piece set ideal for experimenters. Consists of one 1/4 track record—playback head and one erase head, both with mounting brackets. RECORD HEAD SPECS: Impedance, 3.3K @ 1 KC; DC resistance: 700 ohms; Sensitivity: —55db; Cross talk —45db; bias current 0.5mA; voice current: 37.5 uA @ 1 KC; response: 100-12,000 cps. Inductance 0.5H. CAP: .0002 in. ERASE HEAD: DC resistance .65 ohms; GAP: .004 in; erase current .18A; bias freq: 30-65KC; Erasure —60 db. Size: 1/2 x 3/4 x 3/8" cent. to cent. hole mounting. Shpg. wt., 4 oz. Imported.

F-631 Net 7.95

MINIATURE 1/2 TRACK SET FOR TRANSISTORIZED RECORDERS



395

A two-piece set consisting of one record/playback and one erase tape head. Designed for use in dual track miniature tape recorder. These units will replace the heads in most Japanese-built recorders, and are also excellent for the experimenter. Record/playback head specifications: impedance 2.2K at 1 KC; DC resistance: 160 ohms; reproduction level: —45db (recording at —10db); bias frequency: 35KC; bias current: 400ma; voice current: 100ma; response: 100-7000 cps ± 5db; S/N ratio: better than 45db; bias system: AC & DC reproduction; gap: .00024 in. (.006mm); dimensions: approx. 1/2 x 3/4 x 1/4" H. Erase head same dimensions. Total shpg. wt., 3 oz. Imported.

F-633 Net 3.95

STANDARD 1/2 TRACK SET

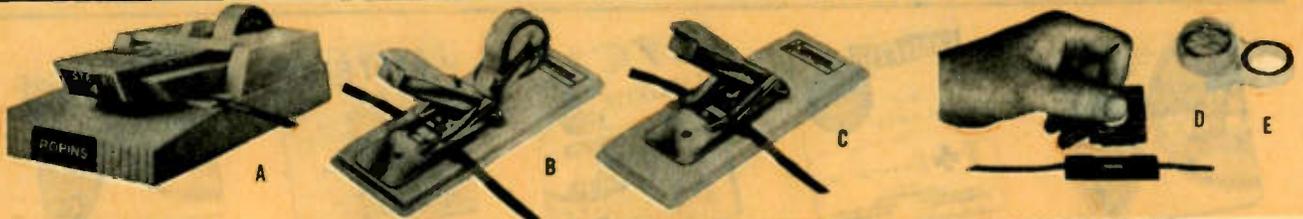


325

A Lafayette special—ideal for the experimenter interested in tape recorders. Recording head has impedance of 9K ohm at 1,000 cps. DC resistance 130 ohms, reproduction level — 40, recording at — 10db. Bias frequency 30KC, bias 10MA. Frequency 60-12,000 cps ± 5db. S/N ratio — 40db. Erasing head: DC resistance 10 ohms, erasing current 15-20 millamp. AC bias, DC erase systems. Record head 1/2 x 3/4 x 3/4"; erase head 3/8 x 1 x 3/8". Shpg. wt., 8 oz. Imported.

F-687 Net 3.25

ROBINS GIBSON GIRL® Stereo "4" Tape Splicers



NEW! GIBSON GIRL® STEREO "4" TAPE SPLICING EQUIPMENT

These new precision tape splicers meet the critical requirements of splicing 4 track tapes without affecting program material on the outside tracks. They work equally as well for single track and 2 track tapes. Blade centering adjustments for lifetime maintenance.

(A) TS-8D STEREO "4" DELUXE TAPE SPLICER

The ultimate tape splicer with Space-Age design of indestructible IMPLEX. For rapid tape editing and repairs. Cuts tape diagonally, and trims minute concave indentations on sides of splice to prevent adhesive contact with critical recorder parts. Has replaceable cutter cartridge, blade centering adjustment, "see-thru" windows indicate operating positions, easy-threading tape dispenser complete with roll of 1/2" splicing tape, and safety locking device. Instructions. Shpg. wt., 1 lb. RT-320 Net 7.77

RK-8 Replacement Kit for TS-8D (Not Illus.)
Replacement cutter cartridge and 2 cutting pads. With instructions. Shpg. wt., 3 oz. Net .85

(B) TS-4S STEREO "4" STANDARD TAPE SPLICER

"Utility version of the TS-8D has all deluxe features except for "see-thru" windows. Made of metal and plastic. Replaceable cutter cartridge and blade centering adjustment. Tape dispenser complete with 100" roll of 3/8" splicing tape. Shpg. wt., 12 ozs. RT-322 Net 5.75

(C) TS-4J STEREO "4" JUNIOR TAPE SPLICER

Same as TS-4S without tape dispenser and splicing tape. Uses 3/8" splicing tape. Shpg. wt., 8 oz. RT-323 Net 4.39

RK-3 Replacement Kit for TS-4S & J Splicers (Not Illus.)

Replacement cutter cartridge and two cutting pads. With instructions. Shpg. wt., 3 oz. Net .85

RK-2 Replacement Kit for older TS-4A series splicers (Not Illus.) As above. Shpg. wt., 3 oz. Net .85

(D) SP-4 "SEMI-PRO" TAPE SPLICER

Small efficient low-cost non-stereo splicer has tape alignment guide with adhesive back, cutting unit, and blade cover. Made of Plastic. Makes diagonal cuts and "Gibson Girl" trim. Shpg. wt., 3 oz. RT-326 Net 1.69

H-4 "Hobbyist" Tape Splicer (Not Illus.)

The lowest priced tape splicer available. Ideal for those using their equipment occasionally. Consists of adhesive backed plastic tape guide and unique curved razor type blades. With instructions. Shpg. wt., 2 oz. RT-327 Net .85

(E) ROBINS SPLICING TAPE

Special formula. Mylar, tackiness, thickness, strength and cold flow carefully controlled. 100" long. 1" core.

| Stock No. | Mfr. No. | Width | Shpg. Wt. | Net |
|-----------|----------|-------|-----------|-----|
| RT-328 | ST-234 | 1/4" | 1 oz. | .27 |
| RT-329 | ST-375 | 3/8" | 1 oz. | .30 |
| RT-330 | ST-500 | 1/2" | 1 oz. | .33 |
| RT-331 | ST-750 | 3/4" | 2 oz. | .40 |

ROBINS ACCESSORIES FOR TAPE RECORDERS



(F) JCT-2 "JOCKEY CLOTH" FOR TAPES

Cleans and lubricates tape while running. With Silicone. Reduces squeal, chatter, head and tape wear. Washable and reuseable. Shpg. wt., 3 oz. RT-332 Net .69

(G) TT-1 TAPE RECORDER THREADER

Slip threader on, turn crank - and tape is securely threaded. For all 3" - 7" reels. Shpg. wt., 2 oz. RT-333 Net .69

TC-12 TAPE CLIPS (Not Illus.)

Unique plastic reusable clips prevent tapes from unwinding. Fit all reels. Pkg. of 12. Shpg. wt., Pkg. 3 oz. RT-334 Net Per Pkg. .27

(H) HC-5 "TAPE CLEAN"

5" reel of chemically treated cloth tape. Just run through and clean recording head, tape guides, etc. RT-335 Net 1.73

SL-30S Reel Labels (Not Illus.)

30 adhesive labels. Write or type reel title, date and No. Wt., 2 oz. RT-336 Net .12

(I) TE-24 TAPE EDITING AND SPLICING BOOKLET

By Haynes. A 24 page, fully illustrated 6x9" guide book filled with valuable tips on spliceless editing, dubbing, erasure of clicks, fading, etc. BK-21 Postpaid in U.S.A. .24

(I) TE-48 TELEVISION TAPE RECORDING

By Goodall. A 48 page semi-technical booklet that shows how it is done. BK-12 Postpaid in U.S.A. .69

(I) TE-128 HOW TO GET THE MOST OUT OF TAPE RECORDING

By Sheridan. 128 pages packed with informative ideas about tape recording. Illustrated. BK-13 Postpaid in U.S.A. .85

(J) HC-2 TAPE HEAD CLEANER

Efficient solvent removes distortion producing dirt, grime and oxides from heads. Bottle has applicator cap. 2 fl. oz. Shpg. wt., 4 oz. RT-337 Net .69

(J) RC-2-22 TAPE HEAD LUBRICANT

Silicone base liquid. Reduces head and tape wear. 2 fl. oz. Shpg. wt., 4 oz. With applicator cap. RT-346 Net .69

(J) RC-2-33 TAPE AND PHONO DRIVE OIL

A must for tape drives. 2 fl. oz. Applicator cap. RT-347 Net .59

(J) RC-2-56 "NON-SLIP"

Save on repair bills. Apply liquid with applicator to old, glazed phono and tape drive wheels. Stops slippage. 2 fl. oz. Shpg. wt., 4 oz. RT-344 Net .69

(K) HD-6 HEAD DEMAGNETIZER

U.L. listed. Removes tape damaging residual magnetism from tape head for optimum signal/noise ratio, lowest noise level. Maintains "like new" performance with your tape recorder. Compact, easy to use. Size: 4 3/8 x 1 1/4" dia. 110 v. 60 cy. A.C. Shpg. wt., 1 lb. RT-338 Net 7.35

HD-3 Head Demagnetizer (Not Illus.)

An efficient low cost version of the above for those who use recorders less frequently. Non U.L. 110 v. 60 cy. A.C. 3 1/2" long x 1 1/4" dia. Shpg. wt., 8 oz. RT-339 Net 3.95

(L) ME-99 BULK TAPE ERASER

U.L. listed. Erases a complete reel of tape at one time with residual noise levels 3 to 6 db below most erase head levels. Takes reels up to 10" dia. and tapes to 1/2" thick. A must for 4 track machines using full or 2 track recorded tapes. Has safety momentary switch. Size: 5 1/4 x 6 3/4 x 3 3/4". 110-120 v. 50-60 cy. A.C. Shpg. wt., 8 1/2 lbs. RT-340 Net 22.27

ME-77 Bulk Tape Eraser (Not Illus.)

Efficient low cost model, for tapes up to 7 1/4" wide. Erasure 2-4 db below normal erase head levels, non U.L. Size: 2 1/2 x 6 1/4 x 3 3/4". 110 v. 60 cy. A.C. Shpg. wt., 5 lbs. RT-341 Net 14.85

(M) RH-2 REEL HOLDERS

Prevents reel wobbling. A must for vertical decks. Pkg. 2. Shpg. wt., 3 oz. RT-343 Pkg. of 2 Net .58

(N) TK-5 TAPE STROBE KIT

Permits you to check speed, flutter and wow accuracy of recorders operating at 15, 7 1/2, and 3 3/4 speeds. Complete with instructions. Kit has Strobe tapes and light. For 110 v. 60 cy. A.C. Shpg. wt., 1/2 lb. RT-342 Net 13.55

(O) TRB-3 AMAZING NEW TELE-TAPE BEEPER-INDUCTOR

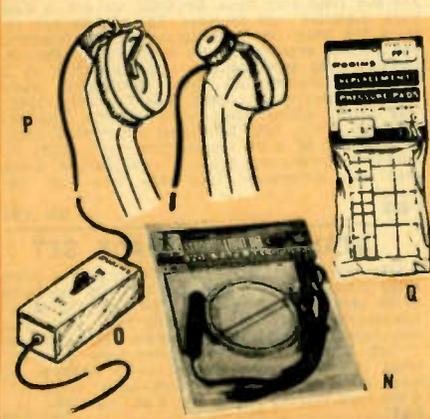
Makes it easy to record phone conversations and to comply with the law. Transistorized sig. gen. - timer and attached high efficiency ferrite core induction coil automatically injects 1KC "Beep" into phone lines and recorder at 15 second intervals. On-Off switch. #K20 30 v. battery lasts for more than 3000 average calls. Has 6" cable to phone and to recorder. No suction cups. Easy-On spring fastening to phone. Approx. 5x2x1 1/2". Shpg. wt., 1 lb. RT-348 less battery Net 16.88

(P) TRP-1 TELE-TAPE INDUCTOR PICK-UP COIL

High efficiency ferrite core produces 3-5 db more gain, high signal-noise ratio. No suction cups, easy-on mechanical spring fastening. Has 6 ft. shielded cable to ear piece. Shpg. wt., 6 oz. RT-349 Net 3.98

(Q) PP-1 REPLACEMENT PRESSURE PADS

A complete assortment of pre-cut felt pressure pads to fit almost all recorders. Shpg. wt., 2 oz. RT-345 Net .69



ACCESSORIES FOR TAPE RECORDERS

ROBINS TAPE RECORDER ACCESSORY KIT



Robins TK-8DLK. Contains TS-8D splicer, HC-2 cleaner, RC-2-22 head lubricant, TT-1 tape threader, JCT-2 cloth, RH-2 reel holders, TC-12 clips, SL-30S reel labels and TE-24 book. Shpg. wt., 2 lbs. RT-350 Net 10.13

METAL STORAGE CANS



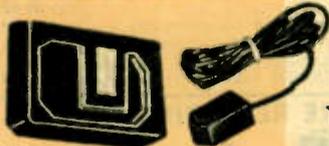
Your best protection for valuable recorded tapes and movie film. Cans are ribbed for easy storage. Precision fit makes opening and closing easy. Attractively finished in grey. 3 sizes to choose from to fit any size reel. Av. shpg. wt., 8 ozs.

ML-154 3" Can. lots of 6, Ea. .18 Singly, Ea. .20
ML-155 5" Can. lots of 6, Ea. .27 Singly, Ea. .30
ML-61 7" Can. lots of 6, Ea. .36 Singly, Ea. .39



STROB-LOOP RECORDER TEST TAPE

Checks speed, timing, wow and flutter. For 7 1/2 IPS. Accurate within 1/10 of one percent. Shpg. wt., 6 oz. MS-914 Net .98

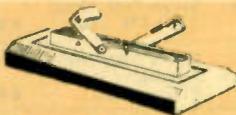


SCRIBER ELECTRO TELEPHONE PICKUP

Electro Scriber telephone pickup will enable you to amplify, record and make a permanent record of any telephone conversation. Simply place phone base on phono Scriber and plug Scriber into amplifier or tape recorder input. Amplifies cleanly and clearly. Shpg. wt., 1 lb.

MS-220 Model ES701 for standard cradle phone Net 7.35
MS-221 Model ES702 for push-button phone Net 8.53

MAGNETIC TAPE SPLICER



- Cut Both Ends Simultaneously
- Easy to Operate
- Durable & Sturdy

An excellent accessory that splices tapes accurately and eliminates joint noise. Both ends cut simultaneously. Nicked brass finish. Shpg. wt., 1 lb. MS-289 Net 1.47



COUSINO TAPE SPLICER KIT

Convenient plastic splicer with adhesive backing for mounting on your recorder or workbench. Holds tape without clamps. Kit consists of splicer, blade and 24 hand pre-cut splicing tape tabs. Shpg. wt., 6 oz. MS-376 Tape Splicer Kit Net 1.20

PRE-CUT TAPE TAB REFILLS—For above, 24 pre-cut splicing tape tabs. Shpg. wt., 2 oz. MS-377 Pre-Cut Tape Tabs Net .20

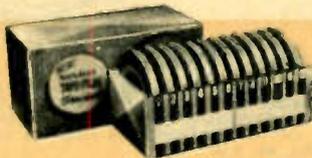


SPEED-EEZ TAPE THREADER

Mylar strips 25" long with adhesive tip to attach to tape and compressible foam catch on other end for insertion into take up reel. Quick, easy, wastes no tape. Wt., 10 oz. MS-477 Pkg. of 10 Net .98

TWIST-LOCK STYRENE CANS

• Buy the set — save 55c and GET THE CHEST FREE!



12 dust-free, moisture-proof unbreakable styrene tape cans in storage chest. Can has foolproof twist lock feature and is ribbed for convenient stacking. Center locking stud prevents reel movement on all 7" reels and most 3" and 5" reels. Shpg. wt., 6 lbs. ML-302 Net 4.95

TWIST LOCK CANS ONLY

ML-151 Lots of 6 ea. .45; Single ea. .49

RECORDER PATCH CORD



Ideal For Making Connections From Radio, Phono or TV To Tape Recorder

Handy 6 ft. lead has insulated alligator clips at one end and RCA phono plug at the other. Supplied with shielded phono plug adapter to adapt the RCA phono plug to standard phono plug if necessary. Attach alligator clips to speaker terminals and simply plug other end into tape recorder. Ideal for recording from Radio, Phono or TV. Shpg. wt., 8 oz. Imported MS-565 .67

CLEAR PLASTIC REELS

.26

IN LOTS OF 6



Individually boxed plastic reels for recording tape. Av. shpg. wt., 4 oz. singly. MS-920 3 1/4" Reel in lots of 6, Ea., .23; singly, Ea., .26
MS-692 5" reel. In lots of 6, Ea. .26 Singly, Ea. .29
MS-267, 7" reel. In lots of 6, Ea. .38 Singly, Ea. .45

TELEPHONE PICKUP FOR RECORDING TELEPHONE CONVERSATIONS



Induction telephone pickup. Telephone conversations can now be picked up with no tapping of wires or special telephone circuits. Simply place the phone base, either cradle or upright type, on the pickup platform and connect the leads to the high impedance input of any medium gain audio amplifier, or directly to any tape, disc or wire recorder. Shpg. wt., 8 ozs. MS-16 Net 1.95

EDITALL TAPE EDITING KIT



This kit has all the equipment required to execute a complete editing job on a professional basis. The cutting block supplied is simple to operate but is precise in its application; made of duraluminum precisely machined and polished (makes straight or diagonal cut). All accessories such as grease pencil, blades, splicing tape (66 ft. roll of 3/32") supplied. Comes with instruction booklet—in a smart metal case. Shpg. wt., 1 lb. MS-474 EDITALL KIT Net 8.82



AUDIO 400 HEAD DEMAGNETIZER

Will remove all permanent magnetism from recording head. Operates on 110V, 60 cy. AC. Shpg. wt., 1 lb. RT-115 Net 5.88

COLOR-CODED TAPE SPLICING KIT



Everything you need for fast, professional tape editing and repairing. Easy-to-use gold anodized aluminum splicing block has special slide-out plastic storage compartment. Complete with blade and full assortment of color coded Quik-Splice Mylar splicing and editing strips—will not shrink or become brittle with age. Shpg. wt., 8 oz. PK-500 Net 1.49

METAL TAPE STORAGE CHEST



STANDARD CASE: Sturdy all steel carrying case. Holds 12 7" or 5" reels and cons. Twin snap locks for positive closure; perfect portability. Guards against exposure and accidental erase. Platinum gray hammeroid finish. Metal separators between reels. Includes index cords: Shpg. wt., 5 lbs. ML-60 Net 2.99



NEW TELEPHONE PICKUP COIL

1.89

Designed to feed into the microphone input of either a tape recorder or any high gain amplifier. Easily attached to the telephone by suction rubber type attachment. The coil is electrostatically shielded to minimize hum pick-up. When properly positioned on telephone handset, the output of this device is more than adequate for a fully modulated tape recording. Complete with 5' shielded cable. Shpg. wt., 6 ozs. MS-693 Imported Net 1.89

FILMAGIC TAPE MAINTENANCE KIT



Adds life and performance to tape and tape recorders. The Kit contains all the elements needed for cleaning and conditioning both tapes and critical recorder parts. Consists of: Either Flange or Suction cup type Pylon with sleeve; Tape conditioner fluid; and head condenser fluid. Can be used to clean capstans, rubber idler rollers also. Shpg. wt., 3 1/2 ozs. PK-482 Kit with suction cup Pylon Net 3.45
PK-483 Kit with flange-type Pylon Net 3.45

REPLACEMENT PARTS

PK-484 2 oz. Head Cleaner Net .98
PK-485 2 oz. Tape Conditioner Net .98
PK-486 Pkg. of 6 sleeves Net .75
PK-487 Wick-Tip Applicator Net .39

TAPE CLEANER 1.49



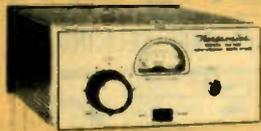
Tape is impregnated with special formula cleaner. Simply run through like regular roll of tape. Entire job done in 2 minutes. Can be reused many times. 100' roll on 5" reel. Shpg. wt., 8 oz. PK-283 Net 1.49
PK-637 3" Reel Net .99



REEL LOCKS .59 Set of Two

Holds tape recorder reel in place by locking spindle to reel. Especially useful if recorder is in vertical position. Will not interfere with normal operation of reels. Easily removable. Shpg. wt., 6 oz. Imported MS-564 Set of two .59

Nortronics RECORDING ACCESSORIES



RA 100



AT 100



T60E



WR-40



WR-60



W-6

TAPE RECORDING ACCESSORIES

RECORDING AMPLIFIER RA100 Ideal for use with any tape deck or stereo head kit. Two required for stereo recording. Has NARTB equalization, VU meter, monitor jack, high level and low level inputs. Sensitivity for full recording level: 1 mv (low level), .2 v (high level). Provides 65 kc bias current, adjustable to match any head. Erase output for either high impedance (6000 to 10,000 ohms) or low impedance (20 to 30 ohms) erase head. Full frequency response. S/N ratio, 55 db. Also synchronization for stereo recording purposes using 2 RA-100's. For 110-120 v, 60 cps AC. Size, 2½Hx5¼Dx8"W. Shpg. wt., 8 lbs. ML-163 RA-100 Net 57.50

ALIGNMENT TAPE AT-100 Full track, 3" reel, 7½ ips speed. Provides sine wave signals of 50 to 10,000 cps for stereo and monaural head alignment, record level and tone control adjustment, and frequency response check. Shpg. wt., 4 oz. ML-162 AT-100 Net 4.95

BIAS-ERASE OSCILLATOR TRANSFORMER T60E Furnishes 65 kc bias current to the recording head and erase current to either high or low impedance erase head. Complete with instructions and 1 tube oscillator circuit. Shpg. wt., 12 oz. ML-161 T60E Net 4.50

NORTRONICS EXACT REPLACEMENT TAPE RECORDER HEAD KITS

The recorders listed below require special replacement HEAD-KITS. These HEAD-KITS include correct head(s), all mounting hardware, and instructions needed for replacement. "R," "P," or "E" preceding HEAD-KIT number signify **record**, **play**, or **erase**. "RP" is single head used for record/playback. "RPE" is complete replacement assembly, mounted on plate, and ready to install. Average shpg. wt., 1 lb.



| Stock No | Make & Model No. | Head Kit # | Net |
|----------|---|------------|-------|
| ML-238 | Recordio 2A10, 2A10B, 2A11 | RP-1 | 9.90 |
| ML-239 | Revere T-10, T-11, T-100, T-700, T-900, T-1100, T-2000, TR-20, TR-200, TR-800, TR-120 | RPE 20 | 15.60 |
| ML-330 | Revere T204 | RPE 40 | 32.50 |
| ML-331 | Revere T204-4 | RP-2 | 22.60 |
| ML-332 | Revere T-204-4 | E-50 | 11.00 |
| ML-331 | Revere T2200 Series | RP-2 | 22.60 |
| ML-333 | Revere T2200 Series | E-52 | 16.25 |
| ML-334 | Sony 101 | E-54 | 11.25 |
| ML-335 | Sony 262-D, 262-SL | E-53 | 15.25 |
| ML-336 | Webcor 2007, 2008, 2107, 2150, 2207, 2208, 2250, 3291 | RP-3 | 21.20 |
| ML-337 | Webcor 2007, 2150, 2207, 2250, 3291 | E 51 | 12.50 |

| Stock No. | Make & Model No. | Head Kit # | Net |
|-----------|---|------------|-------|
| ML-338 | Webcor 2202, 2205, 2205-1, 2300 | RP-4 | 12.00 |
| ML-339 | Webcor 2001, 2009, 2810, 2811, 2812, 2816, 2819, 2891, 2892, 2896, 2910, 2919 | RP-5 | 12.50 |
| ML-339 | Webcor 2820, 2820-LC, 2821, 2822 | RP-5* | 12.50 |
| ML-340 | Webcor 2827, 2897, 2923, 2950, 2955 | RP-6‡ | 23.80 |
| ML-239 | Wollensak T1500, T1600, and T1700 | RPE-20 | 15.60 |
| ML-330 | Wollensak T1515 | RP-40 | 32.50 |
| ML-331 | Wollensak T-1515-4, T1616-4 | RP-2 | 22.60 |
| ML-332 | Wollensak T-1515-4, T1616-4 | E 50 | 11.00 |

* RP-5 Mono. ‡ RP-6 Stereo

EXACT REPLACEMENT TAPE RECORDER HEADS

Precision recording heads to replace old worn heads and convert to stereo. Exact replacements. All stereo heads ½ track. R/P = record playback. Shpg. wt., 10 ozs.



4-TRACK RECORD-PLAYBACK STEREO HEADS

For all makes and models listed in chart except those lines with asterisk.

ML-221 Net 17.64

| Manufacturer | Model No. | R/P Mon 2-Track | | R/P Stereo 2-Track | | Erase | |
|-----------------|---|-----------------|------|--------------------|-------|--------|------|
| | | Net | Net | Net | Net | Net | Net |
| Ampro | 730, 731B, 745 | ML-219 | 8.23 | ML-220 | 15.88 | — | — |
| Bell | T200-01-02, BT205-1B, T212-13-16, T206-10 | ML-222 | 8.23 | ML-220 | 15.88 | ML-223 | 6.47 |
| Bell | T203, T218, T207S, T208 | ML-222 | 8.23 | ML-220 | 15.88 | ML-224 | 8.82 |
| Bell* | T223-38 | ML-222 | 8.23 | ML-220 | 15.88 | ML-225 | 8.23 |
| Bell & Howell | 785 | ML-219 | 8.23 | ML-220 | 15.88 | ML-223 | 6.47 |
| Eko-Tape | 290, 344, 346 | — | — | ML-220 | 15.88 | — | — |
| Eko-Tape | 340, 342 | — | — | ML-220 | 15.88 | ML-224 | 8.82 |
| EMC | Stereo 2TR | — | — | ML-220 | 15.88 | — | — |
| EMC | 375, 750 | ML-219 | 8.23 | ML-220 | 15.88 | — | — |
| Montgomery-Ward | 3734, 3739A, 3739B | ML-219 | 8.23 | ML-220 | 15.88 | — | — |
| Montgomery-Ward | 3829, 3841 | — | — | — | — | ML-223 | 6.47 |
| Pentron | NL1S-2S-3S, PT1S-072S-74S-W500S, TM04 | — | — | ML-226 | 15.88 | — | — |
| Pentron | NL-4 | — | — | ML-226 | 15.88 | ML-225 | 8.23 |
| RCA | SRT301-401-402-403-403Q | ML-227 | 8.23 | ML-220 | 15.88 | — | — |
| RCA | TR3 | — | — | ML-220 | 15.88 | ML-223 | 6.47 |
| Silvertone* | 7065-66-74-80-81 | ML-227 | 8.23 | ML-228 | 18.23 | ML-229 | 6.47 |
| Silvertone | 4690, 7059, 7060, 8057-58-70-72 | ML-227 | 8.23 | ML-220 | 15.88 | ML-223 | 6.47 |
| Telectro | TR48, 556 | ML-227 | 8.23 | ML-220 | 15.88 | — | — |
| Telectro | 350 | ML-219 | 8.23 | ML-220 | 15.88 | ML-223 | 6.47 |
| Telectro | 1960, 1970, 1985 | ML-219 | 8.23 | ML-220 | 15.88 | — | — |
| Viking* | REEL TO REEL | ML-230 | 9.41 | ML-231 | 18.23 | — | — |
| Viking* | CARTRIDGE | ML-230 | 9.41 | ML-220 | 15.88 | — | — |
| VM | 700, 710, 710A, 711, 711A, 750, 1000 | ML-219 | 8.23 | ML-220 | 15.88 | ML-223 | 6.47 |
| VM | 714, 750A | ML-222 | 8.23 | ML-220 | 15.88 | ML-223 | 6.47 |
| VM | 720, 755 | — | — | ML-220 | 15.88 | ML-225 | 8.23 |
| VM* | 710-A3, 711A1, 714A1, 714-3, 714-13, 750A-1-A2-A3 | ML-219 | 8.23 | ML-220 | 15.88 | — | — |
| Wilcox-Gay | 375, 632, 642, 651, 652, 674, 686, 702, 712, 732 | ML-227 | 8.23 | ML-220 | 15.88 | — | — |
| Wilcox-Gay | 750, 752, 762, 772, 782 | ML-227 | 8.23 | ML-220 | 15.88 | — | — |

4-TRACK STEREO CONVERSION KITS FOR POPULAR TAPE RECORDERS

All kits have a height adjustment screw which permits fine control of track location. Both 2-track stereo and the new 4-track stereo pre-recorded tapes may be played on the machines converted with these kits.

WR-35 CONVERSION KIT—Converts all Wollensak 2-track stereo tape recorders to 4-track stereo playback. Contains a 4-track stereo r/p head which replaces the 2-track stereo head on the machine. Net 25.50

ML-234 Net 25.50

WR-40 CONVERSION KIT—Converts all Wollensak monophonic tape recorders to 4-track stereo playback. Uses a 4-track stereo r/p head in conjunction with a monophonic erase head, both mounted and wired for easy replacement of present monophonic head assembly. A tape-head playback amplifier is required for playback of the second stereo channel. Net 32.50

ML-235 Net 32.50

WR-60 CONVERSION KIT—Converts all 2-track models to 4-track stereo. Includes 3 position headshifter for 2 track stereo and 4-track monaural operation. Allows stereo recording with additional amplifier (not included). Net 49.50

ML-237 Net 49.50

4-TRACK CONVERSION KIT FOR WEBCOR

W-6 CONVERSION KIT—For Webcor 2000, 2800 and 2900 series recorders (except 2020 series). Converts monophonic and stereo recorders to 4 track stereo playback. Retains monophonic record and playback. Has shift to allow head to be positioned for both 2 and 4 track tapes. Monophonic recorders require PC-100 patch cord to bring out 2nd channel to an external playback amplifier. Shpg. wt., 12 oz. Net 36.00

ML-233 Net 36.00

PATCH CORD AND JACK For connecting one channel of the Stereo-Kit to the audio system of the converted recorder. With instructions. Shpg. wt., 5 oz. Net 2.50

ML-165 PC-100. Not illustrated.

SHURE RECORDING HEADS



Half track (upper track) replacement heads for tape recorders. All are high impedance except * is low. Type TR5B-J equipped with Cinch plug and 14" insulated leads. Av. shpg. wt., ½ lb.

| Stock No. | Shure No. | Functions | Replacement For | Net Each |
|-----------|-----------|-----------------------|---|----------|
| ML-240 | 815 | Record Playback Erase | Bell RT-65 Revere T10C, TR200 Shure TR5, TR5H | 8.82 |
| ML-241 | 815H | Record Playback Erase | Revere T500, TR600 Tapemaster TH21, PT121, PT125 | 8.82 |
| ML-242 | 816 | Record Playback | Ampro 730, 731 Masco R-3, M-60 Shure TR6C | 7.06 |
| ML-243 | 817* | Record Playback | RCA SRT-403, 402, 401 Wilcox Gay 3A11 Shure TR16A | 5.29 |
| ML-244 | TR5B-J | Record Playback Erase | Revere T-700, TR800, TR-20 Shure TR5D | 10.00 |
| ML-245 | TR16-J | Record Playback | Wilcox Gay #3A10, 2A-10B | 5.29 |
| ML-246 | TR52J | Record Playback Erase | RCA TTRC1, 7TR2, 7TR3, 8TR2, 8TR3 Shure TR52-1 | 10.88 |

MODEL TR54J ¼ R/P TRACK HEAD
Magnetic tape head with wide response, 30-15,000 cps @ 3¼ ips. Crosstalk — 55db. Output 1.4 mv @ 1 Kc. ML-248 Shpg. wt., ½ lb. Net 20.58

TE28J ¼ TRACK ERASE HEAD
Rugged dual channel erase. Double gap. 4-40 single stud mounting. Erase voltage 17-26 for 60 db erasure. ML-247 Shpg. wt., ½ lb. Net 7.06

LAFAYETTE HIGH FIDELITY HEADPHONES

- AIR-CUSHIONED HEADBAND • SOFT FOAM RUBBER EAR CUSHIONS FOR MAXIMUM COMFORT AND BEST BASS RESPONSE • HIGH SENSITIVITY - INPUT OF 1-2 MW PROVIDES AMPLE LISTENING VOLUME

These headphones will provide excellent high fidelity stereophonic listening and will perform beautifully with monaural equipment as well. They are designed for fatigue-free, comfortable use, even after the longest of listening periods.

The headband is covered with an air-filled vinyl bag which serves as a gentle air cushion, eliminating the discomfort which usually accompanies the weight of the phones on the head. Vinyl bag can be deflated, removed for washing, and re-inflated. Soft foam rubber ear pads keep out external noise, provide maximum bass response and make these headphones extremely comfortable to wear. Sensitivity is very high—a signal power of 1 to 2 mw will produce adequate listening volume. Frequency response, 30-15,000 cycles; Impedance, 8 ohms per phone.

The headphones come with a cylindrical junction box to protect the voice coils against power overloads. Phones plug into the box, and the two pairs of leads from the box are connected to a dual or single channel source for stereo or monaural operation. Complete with all cables, wires, overload junction box and 3-connector phone plug. Imported
F-767 Shpg. wt., 2½ lbs. Net 13.95



JUNCTION BOX
For connecting stereo headphones to an existing system without the need of continually disconnecting speakers. Impedance 4-16 ohms. Has separate earphone jacks for stereo or monaural, separate volume controls for each side of the headset, and a speaker on-off switch. 4¾ Wx1¼ Hx1¼ D. Imported
F-641 Shpg. wt., 1¼ lbs. Net 4.59

KOSS STEREO HEADSETS AND ACCESSORIES



Model SP-3 Stereophones (Fig. A)
The Koss SP-3 Stereophones are a specially constructed headset that provide a wide frequency range of 30-15,000 cycles by means of unusual 3½ dynamic reproducers incorporated into each earphone. They are extremely comfortable to wear, light and rugged. Ideal for Stereo, they can also be used for monaural sound. Since they have an impedance of 4 ohms, they can be connected directly to amplifier outputs or across speaker voice coil leads. Shipping weight 2 lbs.
G-600 Net 24.95

MODEL A-1220 AMPLIFIER
An Amplifier especially designed for use with the Stereophones. Can be connected directly to a Stereo ceramic cartridge or to the outputs of the pre-amps of a stereo recorder or tuner, equipped with 2 Phono jacks, a gain control for each channel, and 2 Phono Jacks. Attractively made and compact, this unit lends itself to a wide variety of uses. Three tubes plus rectifier. Transformer powered. Shipping weight, 4 lbs.
G-603 Net 34.95

MODEL T-1
Contains matching transformers for monitoring 600 to 10,000 ohm outputs to output jacks for Stereophones and a terminal board is provided for connection to various types of equipment. Shipping weight 1½ lbs.
G-604 Net 7.95

MODEL T-5 JUNCTION BOX (Fig. B)
Junction Box for connecting stereophones to existing stereo or monaural system. Impedance 4-16 ohms. Contains 2 Volume controls for changing the Volume of each side of the headset independently. Has 2 output jacks for stereo or monaural use. Equipped with speaker on-off switch for personalized listening. Shipping weight 1¼ lbs.
G-605 Net 8.95

KOSS PERSONAL LISTENER
An outstanding 4-speed phono with ceramic turnover stereo cartridge, diamond stylus for LP, and sapphire stylus for 78 r.p.m. Includes a set of the famous Koss Stereophones to form a complete, personalized stereo high fidelity system of the finest quality. Each channel has a separate volume control; phono has automatic shut-off feature. Portable, in brown leatherette case, 2½ L x 13½ W x 6" H.
G-606WX Shpg. wt., 22 lbs. Net 99.50

PIONEER MODEL SE-1 STEREO HEADPHONES

- Frequency Response 25 to 15,000 Cycles
- Actually 2 High Fidelity Dynamic Speakers
- Soft Foam Rubber Ear Pads



For the audio connoisseur who demands the finest in stereophonic headphone performance, the Pioneer Stereophones combine broad frequency response and faithful reproduction with comfort-oriented design, to fulfill the most exacting requirements. The Stereophones are actually two 2½" high fidelity dynamic speakers with a frequency response range of 25 to 15,000 cycles. Perfect for stereo and monaural operation, the headphones are rated at ½ watt maximum input; impedance, 8 ohms per phone. The soft foam rubber ear pads provide extremely comfortable listening help to keep out noise and maintain an excellent bass response. Imported
F-770 Shpg. wt., 2 lbs. Net 19.95
Model SE-2 resistor box for SE-1. Permits flexible one-switch changeover from speakers to Stereophones. F-800 Net 4.95
Model SE-3 "Y" connector for connecting 2 or more sets of headphones to a single source. F-801 Net 2.45
Model SE-4 12' extension cord for SE-1 phones. F-802 Net 2.95

SHARPE

LIVE TONE STEREO HEADSET



- Wide Frequency Response
- Low Distortion
- High Attenuation of Ambient Noise

43.50

This headset is capable of the finest high fidelity stereophonic sound reproduction. Circumaural design results in a flat frequency response from 30 to 11,000 cycles, dropping off gradually to 15,000 cycles, with low distortion. Tests have shown circumaural earphones to be far superior to conventional phones with regard to verbal intelligibility, making them ideal for both musical reproduction and communications purposes. A unique, liquid-filled cushion on each phone provides an efficient seal to the head, resulting in high "inclusion" and a 40 db attenuation of ambient noise, plus a high degree of wearer comfort. The high noise attenuation facilitates efficient communication in areas of extremely high noise, or in applications where the signal level is near the threshold of hearing. Maximum input power, 2 watts; maximum acoustic output, 138 db S.P.L. Harmonic distortion less than 1%. Each phone has a 10-ohm impedance. Shatterproof construction of acoustically desirable material. With cable terminated in a standard 3-connector phone plug, shpg. wt., 1½ lbs. G-545 Imported from Canada Net 43.50

REVOLUTIONARY pioneer STEREOSCOPE!

NOW! PLAY YOUR STEREO RECORDS ON ANY TURNTABLE WITHOUT AN AMPLIFIER OR SPEAKERS.



- Attaches in Minutes
- Frequency Response—30-15,000 CPS
- Comes complete with one head set—up to 4 people can listen by adding accessory earphones!

Original Price 29.95

Only 9.95

Listen to your stereo records as you've never heard them before—without amplifier or speaker—no electronic devices of any sort between your ear and the record . . . a range of distortion free, full-bodied sound that will amaze you. These headphones are driven by variations in pressure transmitted by the specially designed pickup arm. The sound is then transmitted by a set of pipes to the specially designed earphones. A handy, easily adjusted control unit inserted in the pipe provides a separate volume control for each channel and a mixing control to govern channel separation (from full stereo to monaural operation).

Frequency Response 30 to 15,000 CPS. Tracking force for pickup, 3-6 grams. Accessory earphone kits permit as many as 4 persons to enjoy the same recording. Easily mounted on virtually any turntable. Complete with special pick-up arm, sapphire needle, mounting base, suction base, volume control unit, connecting tubes, earphones and mounting hardware. Shpg. wt., 4 lbs. Imported
PK-596 SH-100 Stereoscope Net 8.95
PK-597 SH-101 Additional earphone Kit Net 2.95
PS-97L NSH Diamond replacement needle Net 2.49

NEW! MODEL TE-39 TRANSISTORIZED 1000 CPS AUDIO GENERATOR



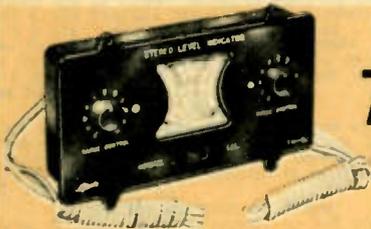
- LOW DISTORTION SINUSOIDAL OUTPUT
- ADJUSTABLE AMPLITUDE
- SELF-POWERED
- COMPLETELY WIRED, NOT A KIT

4⁹⁵

Lafayette offers a compact transistor audio oscillator with a sinusoidal output at 1,000 cycles. The stability is excellent, and the wave form has less than 2% distortion. The output amplitude is adjustable up to 0.5 V. RMS or more. Completely self-contained, powered by a small 9 volt battery—can be used anywhere. This little oscillator can be put to many uses. Can be used to adjust audio amplifiers for linearity or to make low frequency power measurements. For troubleshooting audio amplifiers the oscillator can be connected to various stages to localize the malfunction. In an amateur radio station, this oscillator can be used to test and adjust AM and SSB transmitting equipment. On AM, it can serve as a constant, pure audio signal to check and troubleshoot speech amplifiers, and to adjust modulators for proper performance. On SSB, it can be used to make single tone power measurements, or to check suppression of the unwanted sideband, etc. The oscillator output can be attached to the phono input of a radio or to the input of any audio amplifier to serve as a code practice oscillator. Key can be inserted in the amplifier or in the oscillator battery lead. Output is taken from two binding posts in the rear (spaced to accept a GR plug if one is desired). There is an adjustment inside which can be used to minimize distortion after battery changes, if the proper equipment for wave form analysis is available. The TE-39, by virtue of its portability and compactness, can often be used in place of a more bulky generator, taking up only a little space and operating independently of the commercial power lines. Housed in an attractive metal box with a sloping front panel. The on-off switch and separate amplitude control are on front panel with a sloping front panel. The on-off switch and separate amplitude control are on front panel. With 9V. battery. Imported.

TE-39 Shpg. wt., 1½ lbs. Net 4.95
 BA-2 9V. Replacement Battery for TE-39 Net .21

STEREO VU BALANCE METER



7⁹⁵

- BALANCES STEREO SYSTEMS • TWO METERS IN ONE • ACCURATE TAPE RECORDER LEVEL INDICATOR

Ends the problem of balancing your stereo system. Two precisely damped loudness meters mounted at opposite ends of the meter assembly provide a continuous comparison of speaker levels. The scales are calibrated in "Volume Units" and percent. 1.2 volts input sensitivity for 0 VU or 100 percent indication. You can balance the entire system in one step. The special calibrating switch and 20 db attenuation controls permit exact matching of channels. It is the ideal recording level indicator for inexpensive stereo tape recorders, replacing the troublesome "magic eyes" or neon bulbs, and giving more accurate, more reliable readings. Safeguarded against burning out by two internal DC blocking capacitors. Greater than 8,000 ohm impedance permits connecting to output circuits without loading. The entire unit is housed in an attractive plastic case 3" x 1½" x 5½". Shpg. wt., 2½ lbs. Imported

TM-40 STEREO BALANCE METER Net 7.95

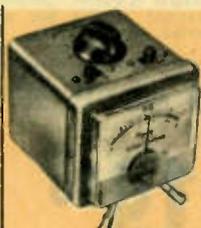
AUDIO OUTPUT VU LEVEL METER



5⁹⁵

A level meter for monaural systems, this unit is calibrated in Volume Units and percentages in accordance with standard VU meter practice. Precise damping enables quick and accurate indication of the average level of all non-sinusoidal audio signals. It has a maximum sensitivity of 1.2 volts for 0 VU indication, with a built-in 20 db attenuation control. This meter has countless uses, its 8 300 ohm impedance being high enough not to load most circuits. It can be used for accurate level control of home hi-fi systems, especially where the amplifier feeds a remote loudspeaker. It is ideal as a consistently accurate recording level indicator to replace the clumsy "magic-eyes" and neon bulbs of tape recorders, it indicates proper level in PA, paging and commercial music distribution systems. Housed in a compact plastic case 4" x 2½" x 1¾". Shpg. wt., 2 lbs. Imported

TM-20 AUDIO OUTPUT LEVEL METER Net 5.95



STEREO AUDIO ANALYST™
 Single Needle
 Dual Channel
 VU BALANCE METER

11⁹⁵

- UNIQUE TWO COIL GALVANOMETER TYPE PRECISION METER MOVEMENT
- SEVEN RANGES OF METER SENSITIVITY
- PROVISION FOR USE AS VU METER AND TAPE RECORDER LEVEL INDICATOR
- MAXIMUM METER SENSITIVITY 120 uV

Provides the solution to all stereo balancing problems. When both signals are equal and balanced the resultant deflection on the scale will measure 0. Individual channels may be measured by two slide switches. Stable meter action and protection from peak voltages is provided by special damping networks. Single seven-step range control serves for both channels and facilitates use of meter with all amplifier power levels. By properly positioning this control the movements may be used as VU meters when terminated across the 600-ohm load. The scales are calibrated in "Volume Units". Sensitivity is 1.2 volts for 0 VU or 100 percent indication. Finished in a rich satin gold. Overall size is 4½" L x 5½" H x 4¾" W. Imported

TM-66 Audio Analyst Net 11.95

LANGUAGE RECORDS

CONVERSA-PHONE LANGUAGE COURSES



Learning languages is fun by the amazing new Conversa-Phone method. In minutes, you'll be understanding and speaking a new language. Expert instructor teaches you perfect pronunciation as you follow each phrase in the lesson manual. Contains 1-10" 33½ RPM record and manual. Shpg. wt., ¾ lb.

- | | |
|------------------|------------------|
| PR-28 French | PR-36 Swedish |
| PR-29 Spanish | PR-37 Finnish |
| PR-30 Italian | PR-38 Norwegian |
| PR-31 German | PR-39 Mod. Greek |
| PR-32 Hebrew | PR-51 Hungarian |
| PR-33 Russian | PR-52 Turkish |
| PR-34 Japanese | PR-62 Arabic |
| PR-35 Portuguese | PR-95 Polish |
- Any of above 2.79

CONVERSA-PHONE CHILDRENS LANGUAGE COURSE



Learning foreign languages is an important part of every child's education. With these specially prepared record courses, learning a language is easier than ever. Lessons are in the form of stories that amuse your child as they teach. The ideal gift, comes with an unbreakable LP record, an illustrated instruction book and a colorful protective jacket. Shpg. wt., 1 lb.

- | | |
|---------------|----------------|
| PR-58 Spanish | PR-60 German |
| PR-59 French | ANY TITLE 2.79 |
- 1000 MOST FREQUENTLY USED WORDS**
 Single LP record pronounces slowly, distinctly 1000 most commonly used everyday words. With manual listing all words. Shpg. wt., 1 lb.
- | | | |
|---------------|---------------|-----------|
| PR-54 Spanish | PR-56 German | ANY TITLE |
| PR-55 French | PR-57 Italian | 2.79 |

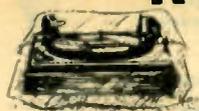
MULTILINGUA LANGUAGE COURSE



You can now learn to speak French, Italian, German or Spanish easily and pleasantly in your own home and progress at your own speed. Features the new simplified participation method that helps you to learn the lessons faster and retain them longer. It is a complete language course with 48 lessons on two 12" hi-fi long playing records. You learn with native speakers! The recorded lessons are printed in an illustrated conversation manual. Also included is a combination of grammar and dictionary book. When ordering, please specify the language desired. Shpg. wt., 4 lbs.

- PR-15 Net 5.75
- SPECIAL VALUE! INCLUDES RUSSIAN**
 5 language combination course. French, Italian, German, Spanish, and Russian. 9-12" LP records, 216 lessons, 2 books. Shpg. wt., 10 lbs.
- PR-16 Net 9.50

ROBINS PHONO ACCESSORIES



A



B



C



D



E



F



G

(A) CC-5S RECORD CHANGER COVER
Fits most changers. Protect from harmful dust, moisture, soot, etc. For Garrard Glasser-Steers Collaro, etc. Durable plastic 17x15x8 1/4".
PK-153 Shpg. wt., 6 oz. Net .98

(B) CC-3S TURNTABLE COVER
Fits popular turntables, including Fairchild, Rek-O-Kut Garrard, etc. Size 22x16 1/2x9".
PK-154 Shpg. wt., 6 oz. Net 1.25
RIGID COVER with collapsible sides for easy storage. Size 12x15 1/2x5". Clear color.
PK-457 Shpg. wt., 2 lbs. Net 3.95

(C) E15 PROTECTIVE DIS-CLOSURES
Round bottom polyethylene plastic sleeves protect 12" records against scratching. Seals out dust and moisture. Ends finger marking. Package of 15.
PK-455 Shpg. wt., 7 oz. Net Pkg. .58

(D) E15 PROTECTIVE JACKET COVERS
Same as above except square covers which can be used either to cover 12" records or standard 12" record jackets. Pkg. of 15.
PK-456 Net Pkg. .58

(E) NB-1 "KLEENEEDLE" BRUSH
Automatic changer needle brush. When arm is cycled stylus is wiped over brush. Removes dust, lint, etc. from stylus for better performance and less stylus wear. Has adhesive pad for mounting.
PK-107 Shpg. wt., 4 oz. Net .95

(D) RBL-1 CLIP-ON RECORD BRUSH AND TONE ARM LIFT
Clips to tone arm. Convenient finger grip reduces fumbling. Floating soft nylon brush removes dust ahead of stylus.
PK-711 Shpg. wt., 3 oz. Net .69

(D) RB-75S
As above except clip-on record brush only.
PK-102 Shpg. wt., 3 oz. Net .29

SD-4S "STROBE DISC (NOT ILLUS.)"
Place on turntable under neon light. Check 16 2/3, 33 1/3, and 78 RPM speeds.
PK-712 Shpg. wt., 2 oz. Net .20

(E) PC-22 NEW RIM-REST PHONO CUSHION
Has graduated ridges for 7", 10" and 12" records. Records rest only on rims. Delicate sound grooves do not touch RIM-REST. Fits all changers and turntables. Made of hi-impact plastic. 12" dia. A hi-fi necessity.
PK-713 Shpg. wt., 8 oz. Net 1.68

(E) PC-12S 12" POLYESTER PHONO CUSHION
Low priced foam mat, cushions record drop, prevents slippage. 11 3/4" dia./wt. 3 oz.
PK-151 Same as above except 9 3/4" dia. Net .69
PK-108 Shpg. wt., 3 oz. Net .59
PK-152 Foam mat for 45 RPM players .35

(F) TL-1S TURNTABLE LEVEL
Top performance of Stereo and Mono records require a level turntable. Easy-to-use bubble indicator level for accurate leveling of changers and turntables, insures correct tracking. Prevents excessive stylus and groove wear. Gold anodized aluminum case.
PK-714 Shpg. wt., 4 oz. Net .59

(NOT ILLUS.) RA-45M 45-RMP METAL RECORD ADAPTERS
Sturdy nickel plated metal for use with changers. Easy snap-in insertion. 4 oz. Pkg.
PK-715 Pkg. of 5 Net .21

RA-45 45-RPM RECORD SPIDERS (NOT ILLUS.)
Low cost, hi-compact plastic adapters. Pkg. of 5.
PK-716 Pkg. of 5 Shpg. wt. 3 oz. Net .17
SA-45 adapter for manual turntables. No spiders needed.
PK-461 Net .15

(G) SE-900 ANTI-STATIC "ATOMIC JEWEL"
Radioactive static neutralizer makes records dust-resistant by neutralizing static electric charges which attract dust. Clips on tone arm. Reduces record noise, increases record and stylus life.
PK-717 Shpg. wt., 3 oz. Net 2.70



IP-16S VIBRATION ISOLATION PAD (NOT ILLUS.)
Place under changers, tape recorders, amplifiers, TVs etc. Absorbs vibration and acoustic feedback. Protects furniture. Resilient cloth covered rubber foam 13 1/2x16 1/2".
PK-155 Shpg. wt. 12 oz. Net 1.00

JC-1S "JOCKEY CLOTH" FOR RECORDS (NOT ILLUS.)
Anti-static cleaning cloth treated with Silicone for records. Cleans and lubricates, reduces wear. Washable.
PK-83 Shpg. wt., 3 oz. Net .34

(I) SA-55 45 RPM AUTOMATIC SPINDLE FOR CHANGERS
Precision made all metal spindle fits easily, without twisting or jamming. Fits most changers with straight spindles including, V-M, Glaser-Steers, Columbia, GE, Motorola, Philco, RCA, Sylvania, Westinghouse, Zenith and many others.
PK-718 Shpg. wt., 8 oz. Net 2.66

(J) ESK-5 STROBE LIGHT KIT
For testing turntable for proper speed. Consists of stroboscope card and neon light. Place strobe disc on turntable, set changer to desired speed and hold lamp over appropriate dots. Movement shows if turntable is correct. For 110-120 v., 60 cy. A.C.
PK-724 Shpg. wt., 6 oz. Net .98

ROBINS SOUND ENGINEERED PHONO ACCESSORY KITS
An assortment of the most popular and most needed accessories required by all phono users to maintain optimum hi-fi, stereo phono performance. These accessory kits are not only extremely useful, but make excellent gifts.

| Stock No. | Mfr. | Contents | Shpg. Wt. | Net |
|-----------|-----------|--|-----------|------|
| PK-721 | ESK-3 (H) | Stylus gauge, turntable level, stylus microscope, record cleaning cloth, automatic needle brush, and arm lift. | 1 lb. | 3.38 |
| PK-722 | ESK-2 (M) | Stylus pressure gauge, turntable level, a unique acrylic lens stylus microscope. | 6 oz. | 1.98 |
| PK-723 | ESK-1 (K) | Same as above without microscope. | 4 oz. | .98 |

(N) ESK-6 "ROB-O-STAT" RECORD CLEANING KIT
Contains super-fine velvet and foam mit, 1 1/4 oz. plastic bottle of anti-static detergent-lubricant and a foam pad for cleaning velvet. The finest record cleaning kit available for those who value their records.
PK-725 Shpg. wt., 5 oz. Net 1.35

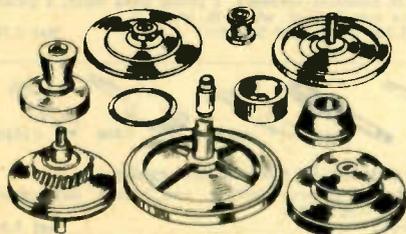
ESK-7 "DISK-WHISK-KIT" (NOT ILLUS.)
Triple action automatic record cleaner, clips to tone arm. No suction cups or adhesives. Light weight floating nylon brush and floating mohair cylinder loosen and remove dirt from record grooves while record plays. Liquid cleans pad and lubricates record.
PK-726 Shpg. wt., 8 oz. Net 2.70

ESK-8 Renewal Kit for ESK-7. Contains bottle of fluid and two mohair cylinders.
PK-727 Shpg. wt., 3 oz. Net 1.35

(L) HFS-1S ROBINS AUTOMATIC "HI-FI" MINDER
Automatically turns your amplifiers off when automatic record changer stops. (after last record has played) allows you to fall asleep to your favorite music without "burning-up" your equipment. Changer plugs into one outlet of Hi-Fi Minder - amplifier into other outlet. Switch control allows you to use amplifier without changer. For European changers, Garrard, Collaro, Thorens, etc. Size: 6x2x1 1/2".
PK-719 Shpg. wt., 2 lbs. Net 5.50

(L) HFS-2S
Same as above except for American changers, Wecor, etc.
PK-720 Net 5.50

ROBINS REPLACEMENT PHONO AND TAPE DRIVE PARTS



Robins Exact Phonograph Replacement Parts all drive wheel replacements except * pulley, † Drive wheel ‡ Inter Wheel▲ Idler wheel, #cycle drive wheel.
Av. Shpg. wt., 4 oz.

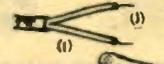
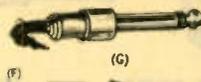
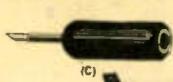
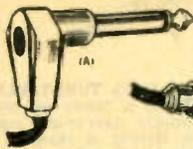
RECORDER DRIVE REFERENCE GUIDE

Lists 73 manufacturers and over 500 models with part numbers and Robins replacement number.
PK-710 Net .06
Free with any order for these parts.

| Type No. & Description | Orig. Mfrs. Part No. | Net | Type No. & Description | Orig. Mfrs. Part No. | Net |
|------------------------|---|------|------------------------|--|------|
| PK-680 | Admiral G400A59, G400A270; Columbia Series 360; G.E. RMW-043, HMW-080; Motorola 277; 401484827, 401484328; Philco 450481; RCA 71411, 78382, 78730; Silvertone K-2772, R-46350, R-40655; VM 2772 | .65 | PK-688* | G.E. RMW-063; Motorola 3130; RCA 76746; Silvertone K-3139; VM 3139, 3357 | .85 |
| PK-588 | Columbia 901, 204, 208; G.E. RMW-057; RCA 74911; VM 2635 | .71 | PK-689† | G.E. RMW-073; Webeor 11X460 | 1.79 |
| PK-589 | Admiral G400A57; Motorola 3481, 49R484329; Philco 70-2374; RCA 78508; Silvertone K-3481, R-40662; VM 3481 | .79 | PK-690† | G.E. RMW-072; Webeor 11X458 | 1.79 |
| PK-587 | Philco 76-5267; Zenith 81-125 | .65 | PK-691† | G.E. RMW-071; Webeor 11X456 | 1.79 |
| PK-592 | G.E. RMW-058; Motorola 49R680436; Philco 35-2398; Webeor 11X003, 11X522 | 1.15 | PK-692* | Motorola 3484; RCA 78527; VM 3484 | 1.00 |
| PK-593 | Columbia 154, Series 360; G.E. RMW-056; Motorola 49R680437; Webeor 11X368, 11X036 | 1.15 | PK-693* | Motorola 3483; RCA 78526; VM 3483 | 1.00 |
| PK-681 | RCA 74977 | .82 | PK-694* | Motorola 102941 | .85 |
| PK-584 | Collaro 3199 (54-36), 3199 (56-41) | 1.79 | PK-695* | Adm. 99C15-105, 98R15-57; RCA 105419 | .97 |
| PK-682 | Silvertone K-5002; VM 5002 | 1.86 | PK-696 | Collaro 2798 (157) | 1.79 |
| PK-585 | Garrard 58883 | 1.01 | PK-698* | Collaro 3689 (54-41), 3680 (56-47) | 1.79 |
| PK-683 | Silvertone K-3352 | 1.01 | PK-699† | Webeor 11X1771 | .82 |
| PK-583 | Admiral 98B 15-47, 98B 15-73; RCA 102934; Silvertone 33050-0 | .97 | PK-700▲ | Monarch RM32A (All 4-speed models); Symphonite RM32A | .85 |
| PK-684† | Garrard 50474; R-52856 | 1.86 | PK-701 | Philco 35-8053-3; Symphonite 11X1607; Webeor 11X1607 | 1.79 |
| PK-685† | Garrard 46524 | 1.86 | PK-702* | RCA 78235; VM 5314 | .84 |
| PK-590▲ | Motorola 49R683530; VM 7435 | 1.94 | PK-703* | RCA 78736; VM 5373 | .82 |
| PK-686* | G.E. RMW-041; Motorola 3141; RCA 76748; Silvertone K-3141; VM 3141, 3351 | .68 | PK-704* | RCA 78737; VM 5375 | .84 |
| PK-687* | G.E. RMW-062; Motorola 3140; RCA 76747; Silvertone K-3140; VM 3140, 3356 | .85 | PK-705 | Webeor 11X663, 11X734 | 1.79 |
| | | | PK-592 | Webeor 11X1201 | 1.15 |
| | | | PK-706 | Webeor 11X1192 | 1.00 |
| | | | PK-707 | Zenith 811118 | 1.15 |
| | | | PK-708 | Zenith 816921 | 2.06 |
| | | | PK-709† | Zenith S10922, S21754 | 3.26 |
| | | | PK-586 | Bell Sound TR-101-2003; Lafayette 964-A-115, 964-A-130; Pentron 964-A-115, 964-A-130; Silvertone R-63733 | 1.21 |
| | | | PK-594 | Webeor 11X1192 | 1.00 |
| | | | PK-591▲ | VM 5731 | 1.94 |

LAFAYETTE COMPLETE CABLE ASSEMBLIES FOR HI-FI AND P. A.

High quality extension cables "tailor made" for users of recorders, hi-fi equipment, etc. All plugs molded directly to various cable combinations. Shielded cable for high impedance (mike, etc.) connections; parallel wire for low impedance (speaker, etc.) connections. Average shpg. wt., 8 oz.



RCA TYPE PHONO PLUG (B) TO VARIOUS CONNECTIONS. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz. Imported

90° RCA PHONO PLUG (E) TO VARIOUS CONNECTIONS. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz. Imported

| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|-----------------------------|--------------|-----------------------------|-----|
| MS-486 | Straight RCA phono plug (B) | 36 in. | Straight RCA phono plug (B) | .39 |
| MS-480 | Straight RCA phono plug (B) | 60 in. | Straight RCA phono plug (B) | .47 |
| MS-481 | Straight RCA phono plug (B) | 72 in. | Straight phone plug (G) | .69 |
| MS-487 | Straight RCA phono plug (B) | 48 in. | RCA-type phono jack (D) | .54 |
| MS-483 | Straight RCA phono plug (B) | 60 in. | RCA-type phono jack (D) | .59 |
| MS-484 | Straight RCA phono plug (B) | 72 in. | Barrel-type phone jack (C) | .60 |
| MS-555 | Straight RCA phono plug (B) | 72 in. | Mike connector (F) | .88 |
| MS-556* | Straight RCA phono plug (B) | 120 in. | Alligator clips (I) | .81 |
| MS-573 | Straight RCA phono plug (B) | 36 in. | Stripped & tinned ends (J) | .34 |
| MS-574 | Straight RCA phono plug (B) | 48 in. | Stripped & tinned ends (J) | .36 |
| MS-575 | Straight RCA phono plug (B) | 60 in. | Stripped & tinned ends (J) | .39 |
| MS-576 | Straight RCA phono plug (B) | 72 in. | Stripped & tinned ends (J) | .41 |
| MS-577 | Straight RCA phono plug (B) | 144 in. | Stripped & tinned ends (J) | .69 |
| MS-805 | Straight RCA phono plug (B) | 72 in. | 90° RCA phono plug (E) | .54 |
| MS-806 | Straight RCA phono plug (B) | 120 in. | 90° RCA phono plug (E) | .72 |

| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|------------------------|--------------|------------------------------|-----|
| MS-557 | 90° RCA phono plug (E) | 72 in. | Barrel-type phone jack (C) | .72 |
| MS-558 | 90° RCA phono plug (E) | 72 in. | Mike connector (F) | .68 |
| MS-559* | 90° RCA phono plug (E) | 36 in. | Stripped and tinned ends (J) | .32 |
| MS-560* | 90° RCA phono plug (E) | 72 in. | Alligator clips (I) | .63 |
| MS-796 | 90° RCA phono plug (E) | 18 in. | 90° RCA phono plug (E) | .38 |
| MS-797 | 90° RCA phono plug (E) | 36 in. | 90° RCA phono plug (E) | .44 |
| MS-798 | 90° RCA phono plug (E) | 48 in. | 90° RCA phono plug (E) | .49 |
| MS-799 | 90° RCA phono plug (E) | 72 in. | 90° RCA phono plug (E) | .54 |
| MS-800 | 90° RCA phono plug (E) | 120 in. | 90° RCA phono plug (E) | .72 |
| MS-801 | 90° RCA phono plug (E) | 18 in. | Straight RCA phono jack (D) | .45 |
| MS-802 | 90° RCA phono plug (E) | 36 in. | Straight RCA phono jack (D) | .49 |
| MS-803 | 90° RCA phono plug (E) | 72 in. | Straight RCA phono jack (D) | .63 |
| MS-804 | 90° RCA phono plug (E) | 120 in. | Straight RCA phono jack (D) | .72 |

90° PHONE PLUG (A) TO VARIOUS CONNECTIONS. Std. 1/4" sleeve; completely shielded. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz. Imported

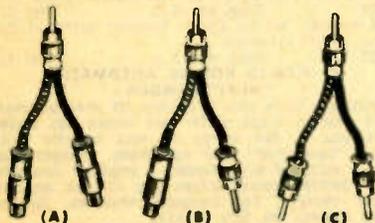
PHONE PLUG (G) TO VARIOUS CONNECTIONS. Std. 1/4" diam. sleeve; completely shielded. All cables shielded. Avg. shpg. wt., 9 oz. Imported

| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|--------------------|--------------|--------------------------------|------|
| MS-545 | 90° phone plug (A) | 72 in. | Straight RCA phono plug (B) | .72 |
| MS-546 | 90° phone plug (A) | 72 in. | Straight RCA phono jack (D) | .85 |
| MS-547 | 90° phone plug (A) | 72 in. | Straight-barrel phone jack (C) | .93 |
| MS-548 | 90° phone plug (A) | 72 in. | Mike connector (F) | .93 |
| MS-549 | 90° phone plug (A) | 120 in. | Mike connector (F) | 1.26 |
| MS-550 | 90° phone plug (A) | 72 in. | 90° RCA phono plug (E) | .72 |
| MS-551* | 90° phone plug (A) | 72 in. | Stripped and tinned ends (J) | .31 |
| MS-552* | 90° phone plug (A) | 72 in. | Alligator clips (I) | .68 |

| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|-------------------------|--------------|----------------------------|------|
| MS-482 | Straight phone plug (G) | 72 in. | RCA-type phono jack (D) | .79 |
| MS-485 | Straight phone plug (G) | 72 in. | Barrel-type phone jack (C) | .79 |
| MS-553 | Straight phone plug (G) | 72 in. | Mike connector (F) | .93 |
| MS-554 | Straight phone plug (G) | 120 in. | Mike connector (F) | 1.26 |

SPECIAL 10 FT. JUMPER CABLE. Unshielded parallel cable, 10 ft. long, with alligator clips (I) at both ends. Net .60

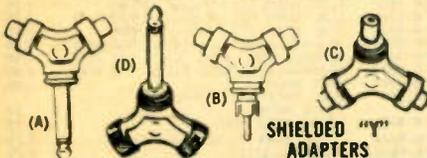
FLEXIBLE Y CONNECTORS



For converting Stereo Player to Monaural. Can be used for a Tap-In-Meter Monitor connection. Also required on some Tape Recorders. Shpg. wt., 4 oz. Imported

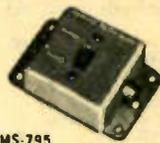
| | |
|---|---------|
| (A) Phono Plug connected to 2 Phono Jacks by 4" shielded cable. | Net .59 |
| (B) Phono Jack connected to 2 Phono Plugs. | Net .59 |
| (C) 3 Phono Plugs connected together by 4" shielded cable. | Net .59 |

SHIELDED "Y" ADAPTERS



Completely shielded Y-Adapters with choice of connectors and terminations.

| | | |
|---|--------|---------|
| (A) Two phono jacks connectors in parallel to a standard 2-conductor phono plug. Avg. shpg. wt., 7 oz. Imported | MS-595 | Net .69 |
| (B) Two phono jacks connectors in parallel to a standard phono plug. | MS-596 | Net .69 |
| (C) 3 phono jacks connectors in parallel. | MS-597 | Net .69 |
| (D) Two male microphone connectors in parallel to a standard two-conductor phono plug. | MS-598 | Net .69 |



MS-755



MS-756



MS-757



MS-758

PHONO-TUNER ADAPTER

2 phono jack inputs; simple switch selects either. A convenient phono output jack for connecting to amplifier. Includes mounting screws. Av. shpg. wt. for above units is 1 lb. Imported

| | |
|--------|---------|
| MS-755 | Net .98 |
|--------|---------|

STEREO AUDIO CABLES

Two shielded insulated cables, (of different color tones, for easy identification of channels) inside a common chrome grey plastic jacket, providing two completely isolated channels. Av. shpg. wt., 6 oz. Imported

| TYPE | LENGTH | NET |
|--------|--------|-------------------|
| MS-807 | 36" | Phono plugs 1.17 |
| MS-808 | 6' | at all ends. 1.35 |
| MS-809 | 10' | 1.62 |

SPEAKER PHASING CONTROL

Allows you to reverse speaker connection to obtain correct phasing without disconnecting leads from speakers. A must for stereo. Complete with screw terminals and all mounting hardware. Shpg. wt., 1 lb. Imported

| | |
|--------------------------------|---------|
| MS-756 Speaker Phasing Control | Net .98 |
|--------------------------------|---------|

STEREO-MONAUURAL-REVERSE SWITCH

Lets you switch instantly from stereo to monaural or reverses stereo channels. 2 phono jacks input . . . 2 phono jacks output. Completely shielded, ready to mount with all hardware. Shpg. wt., 1 lb. Imported

| | |
|---------------------------------------|----------|
| MS-757 Stereo-Monaural-Reverse Switch | Net 1.29 |
|---------------------------------------|----------|

MULTI-INPUT SELECTOR CONTROL

Connects any one of 5 inputs to 1 output AM, FM, phono, tape, aux. Completely shielded to prevent hum. Complete with mounting hardware. 5 phono jacks input, 1 phono jack output. Shpg. wt., 1 lb. Imported

| | |
|-----------------------------|----------|
| MS-758 Multi Input Selector | Net 1.76 |
|-----------------------------|----------|



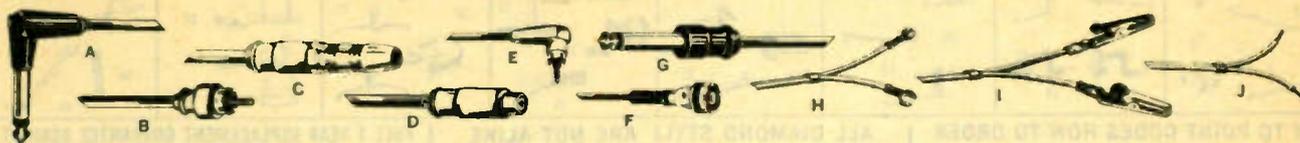
SWITCHCRAFT ADAPTERS — Shielded plug adapters for mikes & Hi-Fi cables

| | | |
|--|--------|----------|
| 332A—2 cond. phono jack input to female mike output. Coupling ring back converts mike conn. to male type. | MS-874 | Net 1.03 |
| 334A—Phono jack input to female mike connector output. | MS-862 | Net .73 |
| 334B—Phono jack input to male mike connector output. | MS-873 | Net .73 |
| 336A—2 cond. Phono jack input to phono plug output. | MS-875 | Net .85 |
| 338A—Phono plug at one end with male mike connector at other end. | MS-864 | Net .59 |
| 342—Dual-purpose binding post/banana jack input, phono plug output. | MS-865 | Net 1.54 |
| 343—Phono adaptors—female phono jack in end of handle. Internal resistor circuit to adapt crystal phono pickup, or pickup radio or T.V. set to input of Tape recorder—as adaptor with magnetic phono, open plug panel twist together opposite leads of resistor. | MS-876 | Net 1.18 |
| 345A—Phono plug output with phono jack input. | MS-877 | Net .73 |
| 346—Tip jack input to phono plug outlet. | MS-867 | Net 1.26 |
| 349A—Phono plug coupler—with phono plug at each end. | MS-878 | Net .59 |

SWITCHCRAFT COMPLETE CABLE ASSEMBLIES FOR HI-FI AND P. A.

High quality extension cables "tailor made" for users of recorders, hi-fi equipment, etc. All plugs molded directly to various cable combinations with grey plastic handle; built in electrical shield and cable clamp. Chrome

grey shielded cable for high impedance (mike, etc.) connections; chrome grey parallel wire for low impedance (speaker, etc.) connections.



PHONE PLUG (A) TO VARIOUS CONNECTIONS. Std. 1/4" dia. sleeve; completely shielded. All cables shielded except * unshielded parallel cable. Av. Shpg. wt., 5 oz.

| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|--------------------|--------------|------------------------------|------|
| MS-600 | 90° phone plug (A) | 72 in. | 90° phone plug (A) | 1.53 |
| MS-601 | 90° phone plug (A) | 120 in. | 90° phone plug (A) | 2.10 |
| MS-602 | 90° phone plug (A) | 25 ft. | 90° phone plug (A) | 2.79 |
| MS-604 | 90° phone plug (A) | 120 in. | Straight RCA phono plug (B) | 1.62 |
| MS-606 | 90° phone plug (A) | 120 in. | Straight RCA phono jack (D) | 1.76 |
| MS-608 | 90° phone plug (A) | 120 in. | Phone extension jack (C) | 2.06 |
| MS-609 | 90° phone plug (A) | 25 ft. | Phone extension jack (C) | 2.79 |
| MS-614 | 90° phone plug (A) | 120 in. | 90° RCA phono plug (E) | 1.62 |
| MS-616* | 90° phone plug (A) | 120 in. | Stripped and tinned ends (J) | 1.12 |
| MS-617* | 90° phone plug (A) | 72 in. | Spade lugs (H) | .88 |
| MS-618* | 90° phone plug (A) | 120 in. | Spade lugs (H) | 1.18 |
| MS-620* | 90° phone plug (A) | 120 in. | Alligator Clips (I) | 1.41 |

PHONO PLUG (G) TO VARIOUS CONNECTIONS

| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|-------------------------|--------------|-------------------------|------|
| MS-621 | Straight phone plug (G) | 72 in. | Straight phone plug (G) | 1.53 |
| MS-622 | Straight phone plug (G) | 120 in. | Straight phone plug (G) | 2.06 |
| MS-623 | Straight phone plug (G) | 25 ft. | Straight phone plug (G) | 2.79 |
| MS-626 | Straight phone plug (G) | 25 ft. | Mike Connector | 2.79 |
| MS-627 | Straight phone plug (G) | 72 in. | 90° phone plug (A) | 1.53 |
| MS-628 | Straight phone plug (G) | 120 in. | 90° phone plug (A) | 2.06 |
| MS-629 | Straight phone plug (G) | 72 in. | 90° RCA phono plug (E) | 1.18 |
| MS-630 | Straight phone plug (G) | 120 in. | 90° RCA phono plug (E) | 1.62 |
| MS-631* | Straight phone plug (G) | 72 in. | Spade lugs (H) | .88 |
| MS-632* | Straight phone plug (G) | 120 in. | Spade lugs (H) | 1.18 |
| MS-633* | Straight phone plug (G) | 72 in. | Alligator clips (I) | 1.12 |
| MS-634* | Straight phone plug (G) | 120 in. | Alligator clips (I) | 1.41 |

MISCELLANEOUS CABLES

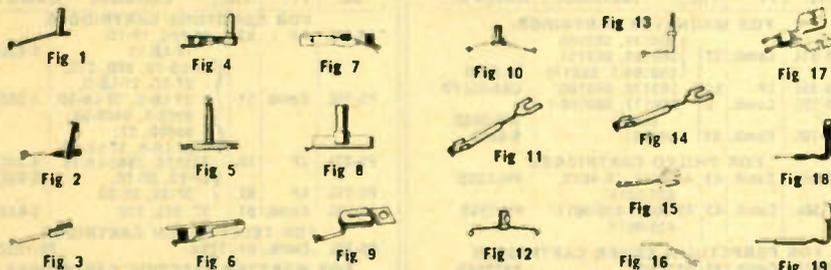
| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|------------------------------|--------------|--------------------------|------|
| MS-664* | Spade lugs (H) | 120 in. | Spade lugs (H) | .53 |
| MS-665* | Spade lugs (H) | 25 ft. | Spade lugs (H) | 1.03 |
| MS-666* | Alligator clips (I) | 120 in. | Alligator clips (I) | 1.00 |
| MS-667* | Alligator clips (I) | 25 ft. | Alligator clips (I) | 1.50 |
| MS-668 | Mike Connector (F) | 36 in. | Mike Connector (F) | 1.18 |
| MS-669 | Mike Connector (F) | 72 in. | Mike Connector (F) | 1.47 |
| MS-670 | Mike Connector (F) | 144 in. | Mike Connector (F) | 2.06 |
| MS-671 | Mike Connector (F) | 25 ft. | Mike Connector (F) | 2.94 |
| MS-926 | Phono Extension Jack (D) 36" | | Phono Extension Jack (D) | .97 |
| MS-927 | Phono Extension Jack (D) 72" | | Phono Extension Jack (D) | 1.15 |

RCA TYPE PHONO PLUG AND OTHERS TO VARIOUS CONNECTIONS

All Cables shielded except * unshielded parallel cable. Av. shpg. wt., 5 oz.

| Stock No. | One Termination | Cable Length | Other Termination | Net |
|-----------|-----------------------------|--------------|------------------------------|------|
| MS-645 | 90° RCA phono plug (E) | 120 in. | Phone extension jack (C) | 1.62 |
| MS-650* | 90° RCA phono plug (E) | 72 in. | Stripped and tinned ends (J) | .53 |
| MS-652* | 90° RCA phono plug (E) | 120 in. | Spade lugs (H) | .88 |
| MS-654* | 90° RCA phono plug (E) | 120 in. | Alligator clips (I) | 1.32 |
| MS-656 | Straight RCA phono plug (B) | 120 in. | Mike Connector (F) | 1.97 |
| MS-657 | Straight RCA phono plug (B) | 25 ft. | Mike Connector (F) | 2.70 |
| MS-660* | Straight RCA phono plug (B) | 72 in. | Spade lugs (H) | .59 |
| MS-661* | Straight RCA phono plug (B) | 120 in. | Spade lugs (H) | .88 |
| MS-662* | Straight RCA phono plug (B) | 72 in. | Alligator clips (I) | 1.03 |

ELECTRO-VOICE DIAMOND STYLI



Finest quality replacement diamond styli from a leading hi-fidelity manufacturer. Shpg. wt., 2 oz. Pl. Size Code: ST = .7 Mill Stereo.

LP = 1 Mill Microgroove for 33 1/3 and 45 RPM
 Comb = 1 Mill Diamond and 3 Mill Sapphire
 SS = 7 Mill Diamond and 3 Mill Sapphire
 SL = 7 Mill Diamond and 1 Mill Sapphire

| Stock No. | Pl. Size | Fig. | Cartridge | Net |
|--------------------------------|----------|------|--|------|
| FOR ASTATIC CARTRIDGES | | | | |
| PS-100L | LP | 1 | AC Series, 40T, 41T, 40-1, 41-1, 42-1, 90T Series, 10L-3, 11L-3, 408 | 5.85 |
| PS-101L | LP | 2 | CAC, CO, LOD, QT, QT-33, 44-T, 46-1, 48-1, 166T Series | 5.85 |
| PS-102L | ST | 3 | 21 and 26 Series | 4.41 |
| G. E. CARTRIDGES | | | | |
| PS-103L | LP | 4 | RPX-040, 41, 42, 46, 61, 63 | 5.85 |
| PS-104L | Comb | 5 | RPX-047, 50, 50A, 51, 52, 52A, 53, 53A | 6.44 |
| PS-105L | LP | 6 | RPX-040A, 41A, 61A, 63A | 5.85 |
| PS-106L | LP | 7 | 4G-040, 41, 50, 52, 53, 61, 63 | 5.85 |
| PS-107L | ST | 8 | GC-7 | 5.85 |
| FOR GOLORING CARTRIDGES | | | | |
| PS-108 | LP | 9 | 500SS, 500DD, 500SO | 5.85 |

| | | | | |
|--------------------------------|------|----|--|------|
| FOR MAGNAVOX CARTRIDGES | | | | |
| PS-109L | Comb | 10 | 560176, 560180, 560133, 560151, 560169, 560170 | 6.44 |
| FOR MONARCH CARTRIDGES | | | | |
| PS-110L | ST | 11 | TC85 | 5.85 |
| FOR PHILCO CARTRIDGES | | | | |
| PS-111L | Comb | 12 | 45-9612, 76-4649, 425-0016 | 6.44 |
| FOR R.C.A. CARTRIDGES | | | | |
| PS-112L | LP | 13 | 74067 | 5.85 |
| FOR RONETTE CARTRIDGES | | | | |
| PS-113L | LP | 14 | TO-200, TO-222, TO-284, TO-400 Series, RA284, DT60 Series | 5.85 |
| PS-114L | ST | 15 | OV, OV1, T1 and BF 40 | 5.85 |
| FOR SHURE CARTRIDGES | | | | |
| PS-115L | LP | 16 | P-72, P-73, P-73R, P-75, P-76, P-77, P-80, W-21, W21AR, W-22A, WC-24, WC-25 Series | 5.85 |
| PS-118L | Comb | 17 | ML44 | 6.44 |
| PS-117L | Comb | 17 | WC-10, WC-100, PC-2 Series, PC-3 Series, PC-4 Series, PC-5 Series—For Sonotone | 6.44 |
| FOR SONOTONE CARTRIDGES | | | | |
| PS-118L | Comb | 18 | 2T-LB-D, 2T-LB-S0, 9980-S, 9980-S0, 9980-0, 5T, 5T-LB-S, 5T-LB-S0 | 6.44 |
| PS-119L | Comb | 18 | 3T, 3TS, 3T0 | 6.44 |
| PS-120L | SS | 19 | 8T and 8TA | 6.44 |
| PS-121L | SL | 19 | 8T and 8TA | 6.44 |

Retractable Cable Assembly
 Supplied with 4 feet of cable, stripped and tinned at one end. Shpg. wt., 5 oz.

- With straight 2-cond. phone plug MS-923 Net 1.91
- With Rt. angle 2-cond. phone plug MS-924 Net 1.91
- With single microphone connector. MS-925 Net 1.97

SWITCHCRAFT CABLE ASSEMBLIES FOR WOLLENSAK, REVERE AND WEBCOR RECORDERS

Shielded 6' cable with 3-cond. phone plug (G) with internal resistor to Phono Plug (B). For Webcor part 2925. MS-818 Shpg. wt., 4 oz. Net 1.91

Unshielded 10' cable with 3-cond. Phone Plug (G) with internal resistor to Alligator clips (I) for Webcor part 2934. MS-819 Shpg. wt., 6 oz. Net 1.47

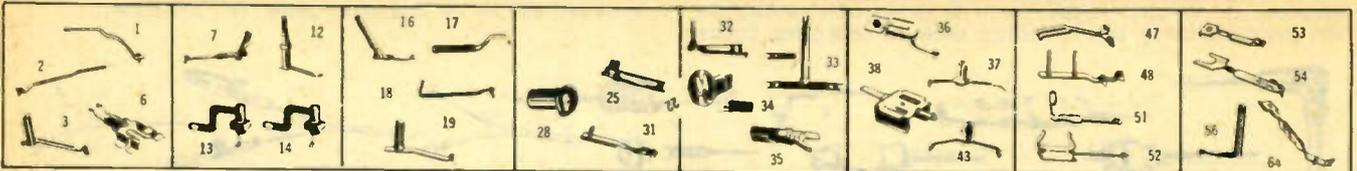
| |
|---|
| White Shielded 6' cable with short RA 2-cond. Phone Plug (A) to standard 2-cond. Phono Plug (B). MS-820 Shpg. wt., 4 oz. Net 1.47 |
| White Shielded 25' cable with short RA 2-cond. Phone Plug (A) to std. 2-cond. short ext. jack (C). MS-821 Shpg. wt., 8 oz. Net 3.50 |
| White Shielded 2' cable with short 2-cond. Phone Plug (A) to Phone Ext. Jack (C). MS-822 Shpg. wt., 2 oz. Net 2.32 |
| Grey shielded 10 ft. cable with 3-cond. phone plug (G) with internal resistor to phono plug (B). For Webcor recorders. MS-869 Shpg. wt., 6 oz. Net 2.35 |
| White shielded 15 ft. cable with short right angle 2 cond. phone plug (A) to short phone ext. jack (C). MS-868 Shpg. wt., 6 oz. Net 2.94 |

MINIMIX FOR WOLLENSAK AND REVERE NO. 313

Designed especially for use with late models of Reverse and Wolleksak Tape Recorders. Designed for mixing two sound sources into one output. Inputs are special jacks to accept those presently used on the above mentioned recorders. Special short plug output jack to fit microphone input jacks. Shpg. wt., 5 oz. MS-823 Net 5.26

LAFAYETTE DIAMOND STYLI

MADE FOR LAFAYETTE BY THE FOREMOST AMERICAN MANUFACTURERS



KEY TO POINT CODES HOW TO ORDER

The symbols in the column headed "PT SIZE" are explained in the table below.

- LP = SINGLE 1 MIL DIAMOND MICROGROOVE FOR 33 1/3 AND 45 RPM
- AG = SINGLE 2 MIL DIAMOND ALL GROOVE FOR ALL SPEEDS
- ST = SINGLE 3 MIL DIAMOND STANDARD FOR 78 RPM
- COMB = DUAL 1 MIL DIAMOND AND 3 MIL SAPPHIRE

Identify your needle by cartridge number and illustration and order by stock no. Note that all needles listed here are for monaural cartridges.

ALL DIAMOND STYLI ARE NOT ALIKE

- MADE FROM WHOLE DIAMONDS
- PRECISION GROUND AND POLISHED
- VERTICALLY AND EDGEWISE GRAIN ORIENTED
- SHADOWGRAPHED



Each Lafayette's diamond stylus is made from individual diamond, properly oriented and ground to close tolerance; shadowgraph tested to give you less wear per play and long service life.

The synthetic sapphire used in these styli are of the same fine quality used in precision watch bearings.

FULL 1 YEAR REPLACEMENT GUARANTEE AGAINST DEFECTS IN WORKMANSHIP AND MATERIAL ON ALL DIAMOND STYLI

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ANY DIAMOND or DIAMOND-SAPPHIRE NEEDLE IN THIS LISTING

REPLACEMENT STYLI FOR GE CARTRIDGES

FOR GE VR II CARTRIDGES (FIG. 35)

Direct replacements for clip-in styli in GE VR II series models 4G-05D, 4G-05Z, 4G-053, 4G-040, 4G-041, 4G-063, 4G-061 cartridges. Avg. shpg. wt., 2 oz.

- PS-48L — 1 mil diamond LP clip-in stylus. Replaces GE 4G-01D Net 1.69
- PS-546 — 1 mil sapphire LP clip-in stylus. Replaces GE 4G-01S Net .69
- PS-548 — 3 mil sapphire 78 clip-in stylus. Replaces GE 4G-03S Net .69

MODERNIZATION ASSEMBLIES (FIG. 33)

Modernize your old triple-play cartridge. These assemblies replace both the old and new series "A". Once installed, you can replace one point at a time.

- DIAMOND SAPPHIRE. Replaces old RPJ-013 and new RPJ-013A. Avg. wt., 2 oz.
- PS-46L Net 1.69
- DUAL DIAMOND. Replaces old GE RPJ-012 and RPJ-012A.
- PS-79L Net 3.90
- DUAL SAPPHIRE. Replaces old GE RPJ-01D and new RPJ-010A.
- PS-54S Net .99

STEREO STYLI FOR GE GC-7 (Fig. A on opposite page)

Exact diamond replacement for GE Stylus ST-7D

PS-87L 1.69

STEREO STYLI FOR VR227 (Fig. A) On Opposite Page

Exact diamond replacement for GE Stylus VR-227.

PS-89L Net 1.69

Styli For Old Type GE Cartridges (Fig. 32)

PS-45L — Diamond 1 mil (LP) replaces GE RPJ-004 Net 1.69

PS-541 — Sapphire 1 mil (LP) replaces GE RPJ-005 Net .69

PS-540 — Sapphire 3 mil (78) replaces GE RPJ-001 Net .69

FOR GE SERIES A CARTRIDGES (FIG. 34)

Individual styli replacements that clip in to all GE "A" series.

Avg. wt., 2 oz.

PS-47L — Diamond 1 mil (LP) replaces GE RPJ-01D Net 1.69

PS-543 — Sapphire 1 mil (LP) replaces GE RPJ-01S Net .69

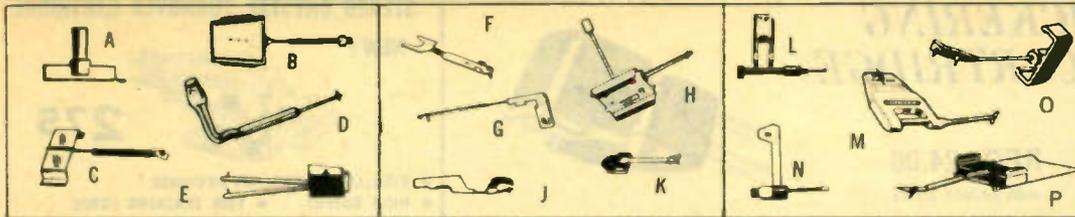
PS-542 — Sapphire 3 mil (78) replaces GE RPJ-03S Net .69

DIAMOND STYLI FOR G.E. AS LOW AS 169

POPULAR MONAURAL DIAMOND and DIAMOND-SAPPHIRE STYLI

| STOCK NO. | SIZE PT. | FIG. | CARTRIDGE | REPLACES JENSEN NO. | STOCK NO. | SIZE PT. | FIG. | CARTRIDGE | REPLACES JENSEN NO. | STOCK NO. | SIZE PT. | FIG. | CARTRIDGE | REPLACES JENSEN NO. |
|-------------------------------------|----------|------|--|--------------------------|-------------------------------|----------|------|---|---|---|----------|------|--|---------------------|
| FOR ADMIRAL CARTRIDGES | | | | | FOR MAGNAVOX CARTRIDGE | | | | | FOR SONOTONE CARTRIDGES | | | | |
| PS-10L | LP | 1 | 409A11, 409B11, 409B12, 409A12 | JPS-30LPD | PS-51L | Comb. | 37 | 56D176, 56D180, 56D133, 56D151, 56D169-1, 56D170 | M-50SD, CRA-55LPD | PS-68L | LP | 52 | 1P-1PS, 1P-1D, 1P-LB-1S | S-63LPD |
| PS-11L | LP | 2 | 40A15-2 | E-90LPD | PS-35L | LP | 54 | 56D176, 56D180 | | PS-70L | Comb. | 51 | 1P-LB-1D, 2TD, 2TS, 2T-SD, 2T-LB-D, 2T-LB-S, 2T-LB-SD, 9980-S, 9980-SD, 9980D, 5T, 9980-LB-S, 5T-LB-SD | S-66SD |
| PS-12L | AG | 3 | 409A16 | A-752D | PS-15L | Comb. | 6 | 56D177, 56D188-1 | JPS-36SD, S-66SD | PS-27L | LP | 18 | 75901S, 7590-LB-1S | A-74LPD, S-60LPD |
| PS-15L | Comb. | 6 | 409B20 | JPS-36SD | PS-56L | Comb. | 43 | 45-9612, 76-4649, 425-0016 | PH-13SD | PS-71L | LP | 52 | 3P-1S, 3P-1D, 3P-3S, 3P-3D | S-61SD |
| PS-17L | LP | 7 | 409A30 | A81LPD | PS-56L | Comb. | 43 | 45-0009, 425-0011, 425-0014 | PH-13SD | PS-32L | Comb. | 51 | 3T, 3TS, 3TD | S-61SD |
| FOR ASTATIC CARTRIDGES | | | | | FOR PHILCO CARTRIDGES | | | | | FOR TELEFUNKEN CARTRIDGE | | | | |
| PS-20L | LP | 3 | AC Series, 40T, 41T, 40-1, 41-1, 42-1, 90T series, 10L-3, 11L-3, 408, 410L, 409A16 | A-75LPD, M-70LPD, A-68SD | PS-56L | Comb. | 43 | 45-0009, 425-0011, 425-0014 | PH-13SD | PS-72L | Comb. | 64 | TTSA | TE-18SD |
| PS-23L | LP | 12 | 408, 410L | A-75LPD | PS-64L | Comb. | 47 | P12/RG | RX550SD | FOR WEBSTER ELECTRIC CARTRIDGES | | | | |
| PS-24L | Comb. | 13 | 57T, 57TJ, 57TM | A-68SD | PS-65L | Comb. | 48 | PE-8, PE10 | RX551SD | PS-75L | LP | 56 | AB1M, A(x)old)A15M, A12M-1, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11 | W-15D |
| PS-25L | Comb. | 14 | GCD, 409, 55-T, 55TJ, 55TM | A71SD, A-81LPD | PS-66L | LP | 22 | P7000 (MJ, MD) (LP only) | RX552LPD | PS-77L | LP | 53 | A100, A101, A103, A160, A200, A201, A202, A204, A260, B100, B200, B202, B205, B207 | W57LPD |
| PS-17L | LP | 7 | CAC, CQ, CQ-1, LQD, LQD-1, QT, QT-33, 44-T, 46-1, 48-1, 166T Series | A71SD, A-81LPD | PS-23L | LP | 12 | 74067 | M-70LPD | PS-17L | LP | 7 | BA | A-81LPD |
| PS-28L | LP | 16 | LT-30, LT-4, LT-4D, LT-40-1, 18L3 | A-73LPD, J-252D | PS-45L | LP | 32 | 74466 | G-10LPD | PS-10L | LP | 1 | F11 | JPS-30LPD |
| PS-29L | AG | 17 | 51-1, 53-1, 59-1 | A-74LPD | PS-26L | LP | 12 | 74625, 75575 | M-74LPD | *The open end type (Fig. 54) replaces both Fig. 53 & 54 | | | | |
| PS-27L | LP | 18 | MG, GC, GC-1, 6L3-D, 8L3-D, 64T, 66, 66-1, 68 | A-74LPD | PS-27L | LP | 18 | 74984, 76297 | A-74LPD | SPECIAL | | | | |
| PS-30L | LP | 19 | 94T series, 66-3L, 68-3L, 62-1, 68-1, 405, 406 | A-67LPD | PS-10L | LP | 1 | S5652, 76257, (988370-1), 75044 | JPS-30LPD, A-75LPD, S-66SD, S-63LPD, A-71SD | NEW! .7 MIL DIAMOND STYLUS for SHURE M7D STEREO CARTRIDGE PS-91L | | | | |
| PS-35L | LP | 54 | 118, 120, 124 series, 310T, 312T, 420, 422, 424T series, 310-1, 310-TB, TS, 312-TB, TS, 414-1 | CRA-55LPD | PS-20L | LP | 3 | 76257, (988370-2) | A-75LPD | 450 | | | | |
| FOR AUDAK CARTRIDGES | | | | | FOR RONETTE CARTRIDGES | | | | | NET 4.50 | | | | |
| PS-38L | LP | 25 | D-L-6, Mi-Q7, L-6, R-2 | AU-50LPD | PS-35L* | LP | 53 | T0-200, T0-222, or T0-284, T0-400 series, RA284, DT60 series | CRA-55LPD | Net 4.50 | | | | |
| FOR ELECTRO-VOICE CARTRIDGES | | | | | FOR SHURE CARTRIDGES | | | | | | | | | |
| PS-11L | LP | 2 | 14, 20, 22, 34, 44, 46, 47, 74, 82, 82SM, 82DM, 84, 84SM, 84DM, 85D, 85DM, 86S, 86M, 86DM, 96T | E-90LPD | PS-69L | LP | 38 | TX88, A | CRA-56LPD | | | | | |
| FOR ELAC MIRATWIN CARTRIDGE | | | | | FOR GARRARD CARTRIDGE | | | | | | | | | |
| PS-43L | LP | 28 | MST 2A, 2D | EL-250LPD | PS-16L | Comb. | 6 | WC10, WC10D, PC2 series, PC3 series, PC4 series PC5 series | JPS-35SD | | | | | |
| FOR GARRARD CARTRIDGE | | | | | FOR SHURE CARTRIDGE | | | | | | | | | |
| PS-44L | LP | 31 | G.C. 2PA | GA-97LPD | PS-15L | Comb. | 6 | ML44 series | JPS-36SD | | | | | |
| FOR GOLDRING CARTRIDGE | | | | | FOR SHURE CARTRIDGE | | | | | | | | | |
| PS-49L | LP | 36 | 500SS, 500DD, 500SO | GR500LPD | PS-10L | LP | 1 | P-72, P-73, P-73R, P-75, P-76, P-77, P-80, W-21, W-21AR, W-22A, WC-24, WC-25 Series | JPS-30LPD | | | | | |

STEREO DIAMOND AND DIAMOND-SAPPHIRE STYLI



ANY STEREO STYLI

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| STOCK No. | PT. SIZE | FIG. | CARTRIDGE | REPLACES JENSEN NO. |
|--|----------|------|----------------------|---------------------|
| FOR ACOS CARTRIDGES | | | | |
| PS-88t | SST | G | 173-1 | AC 30XSD |
| FOR ADMIRAL CARTRIDGES | | | | |
| PS-80L | S | C | 409B33-1(2-1) | E 98XD |
| PS-81L | S | B | 409C37-1 | CRA57XD |
| FOR ASTATIC CARTRIDGES | | | | |
| PS-92L | SST | N | 17, 17D | |
| FOR COLUMBIA CARTRIDGES | | | | |
| PS-84L | S | I | SC-1-2-7-8 | CS-1XD |
| FOR ELAC-MIROTWIN CARTRIDGE | | | | |
| PS-125L | SST | O | KST-100, PE-180 | EL-253XSD |
| PS-126L | SST | O | KST-104, PE-182 | EL252XSD |
| FOR ELECTRO VOICE CARTRIDGES | | | | |
| PS-80L | S | I | C 21 and 26 Series | E 98XD |
| FOR EPHONICS CARTRIDGES | | | | |
| PS-93L | S | I | K E-1-3 | |
| PS-127L | S | I | P U216 | |
| FOR GENERAL ELECTRIC CARTRIDGES | | | | |
| PS-87L | S | A | GC7 | |
| PS-89L | S | A | VR227 | |
| FOR MAGNAVOX CARTRIDGES | | | | |
| PS-80L | S | C | 560233-3-4 | E 98XD |
| PS-94L | SST | D | 560260-1 | |

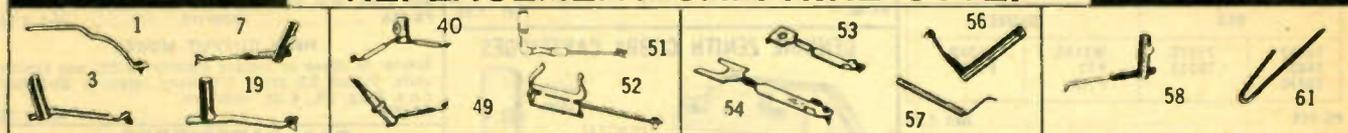
| STOCK No. | PT. SIZE | FIG. | CARTRIDGE | REPLACES JENSEN NO. |
|---------------------------------------|----------|------|--|---------------------|
| FOR MONARCH (BSR) CARTRIDGES | | | | |
| PS-86L | S | F | TC8S, TC-8SH | CRA 55XD |
| FOR MOTOROLA CARTRIDGES | | | | |
| PS-80L | S | C | 59K643335 | E 98XD |
| PS-81L | S | B | 59B64395 | CRA57XD |
| FOR PERPETUUM-EBNER CARTRIDGES | | | | |
| PS-81L | S | B | PE90(M,N) | CRA57XD |
| FOR PHILCO CARTRIDGES | | | | |
| PS-80L | S | C | { 35-2809-1, 35-2824-1, 325-8047, 35-2825-1, 325-8036 | E 98XD |
| PS-81L | S | B | { 35-2820-1, 35-2826-1, 325-8048, 325-8049 | CRA57XD |
| PS-86L | S | F | { 35-2827-1, 35-2829-1, 325-8051, 325-8052 | CRA55XD |
| FOR RCA CARTRIDGES | | | | |
| PS-81L | S | B | T, T-1 | CRA57XD |
| PS-85L | SST | E | { RPM 200 Series— 106770, 106771, 106960A, 108213A | M77XSD |
| FOR RONETTE CARTRIDGES | | | | |
| PS-81L | S | B | { OV, OV1, T1 Single BF40, 105, 105-1 (2,3,4) 106-1 (2,3,4) | CRA57XD |

KEY TO POINT CODES HOW TO ORDER

Table below explains symbols in Column head "PT SIZE."
 S = .7 MIL DIAMOND
 SST = .7 MIL DIAMOND and 3 MIL SAPPHIRE★
 SLP = .7 MIL DIAMOND and 1 MIL SAPPHIRE★
 ★ Synthetic

| STOCK No. | PT. SIZE | FIG. | CARTRIDGE | REPLACES JENSEN NO. |
|----------------------------------|----------|------|----------------|---------------------|
| FOR SONOTONE CARTRIDGES | | | | |
| PS-82L | SST | D | 8T and 8TA | 571XSD |
| PS-83L | SLP | D | 8T and 8TA | 573XSD |
| PS-95L | SST | L | 9T Series | |
| PS-96L | SST | M | 12T Series | |
| PS-128L | SST | L | 16T Series | |
| PS-129L | SST | L | 18T Series | |
| FOR TELEFUNKEN CARTRIDGES | | | | |
| PS-90L | SST | H | IT 20-2 | |
| FOR VM CARTRIDGES | | | | |
| PS-80L | S | C | 16707-A | E98XD |
| PS-82L | SST | D | 16708-F | S71XSD |
| FOR WEBCOR CARTRIDGES | | | | |
| PS-80L | S | C | 21P573 | E98XD |
| PS-81L | S | B | 21P596, 21P598 | CRA57XD |
| PS-82L | SST | D | 21P700-1-2-3-4 | S71XSD |
| FOR ZENITH CARTRIDGES | | | | |
| PS-81L | S | B | 142-99B | CRA57XD |

REPLACEMENT SAPPHIRE STYLI



KEY TO POINT CODE

Table below explains symbols in column headed "PT SIZE."

LP = SINGLE 1 MIL MICROGROOVE FOR 33 1/3 AND 45 RPM
 AG = SINGLE 2 MIL ALL GROOVE FOR ALL SPEEDS
 ST = SINGLE 3 MIL STANDARD FOR 78 RPM
 COMB = DUAL 1 MIL AND 3 MIL SAPPHIRES
 S = SINGLE .7 MIL STEREO

REPLACEMENT SAPPHIRE STYLI

Lafayette synthetic sapphire needles are of the finest quality, precision ground to fine tolerances. They are specially made for Lafayette by the finest manufacturers and brought to you at the lowest possible prices. All needles listed below have synthetic sapphire points except those marked with * which are osmium. Av. Shpg. wt., 2 oz.

| STOCK No. | PT. SIZE | FIG. | CARTRIDGE | EACH |
|-------------------------------|----------|------|--|------|
| FOR ADMIRAL CARTRIDGES | | | | |
| PS-500 | LP | 7 | 409A301 | .69 |
| PS-523 | AG | 3 | 409A16 | |
| PS-509 | ST | 1 | 409A11, 98A54-1 | .69 |
| PS-510 | AG | 1 | 409A13, 409A13-2 | |
| PS-511 | LP | 1 | 409B19-9, 409A300 | |
| FOR ASTATIC CARTRIDGES | | | | |
| PS-517 | ST | 57 | LT-1M, LT-2M, LT-3M | .69 |
| PS-518 | LP | 57 | 66-3M, 66-3 | |
| PS-502 | ST | 7 | Series; CAC, CQ, QT, LQD | .69 |
| PS-500 | LP | 7 | 44, 46, 48, 36, 403 | |
| PS-522 | ST | 3 | Series; 10L3, 11L3, 310 | .69 |
| PS-523 | AG | 3 | AC, ACD | |
| PS-524 | LP | 3 | 40, 41 | .69 |
| PS-528* | ST | 58 | Series 14, 15, 66-1M 66-3M, 66-TMY, 66TMB | |
| PS-530* | LP | 58 | 66-1, 66-2, 66-3, 66-TY, 66-TB | .69 |
| PS-509 | ST | 1 | PT, 66-3M, 66-3 | |
| PS-532 | ST | 19 | Series; 12L3M, 62, 64 | .69 |
| PS-533 | AG | 19 | 66, 68, 94-TB | |
| PS-534 | LP | 19 | 94-TMB, 405, 406 | .69 |
| PS-535 | ST | 54 | 310T, 310TB, 310TS | |
| PS-536 | AG | 54 | 310-2, 414-1, 420-TS | .69 |
| PS-537 | LP | 54 | 422-TS, 424-TS | |

| STOCK No. | PT. SIZE | FIG. | CARTRIDGE | EACH |
|--------------------------------|----------|------|--|------|
| FOR MAGNAVOX CARTRIDGES | | | | |
| PS-535† | ST | 53 | 560176 | .69 |
| PS-537† | LP | 54 | 560161 | |
| PS-539 | Comb. | 51 | 560161 | .99 |
| PS-509 | ST | 1 | 25-267-1 | |
| FOR PHILCO CARTRIDGES | | | | |
| PS-535 | ST | 53 | 35-8014, 325-8021 | .69 |
| PS-536 | AG | or | | |
| PS-537 | LP | 54 | 325-8018 | .99 |
| PS-539 | Comb. | 51 | 325-8016 | |
| PS-553 | Comb. | 51 | Series 45, 76, 425 | .99 |
| PS-552 | Comb. | 40 | | |
| FOR RCA CARTRIDGES | | | | |
| PS-522 | ST | 3 | 76257, (988370-2) | .69 |
| PS-524 | LP | 3 | 101955 | |
| PS-509 | ST | 1 | 75044, 988370-1 | .69 |
| PS-511 | LP | 1 | 9890, 9953, 38543, | |
| PS-555 | LP | 49 | 38598, 39550, 398151 39919, 70332, 70338 | .69 |
| PS-554 | ST | 49 | 70339, 72551, 75976 | |
| PS-555 | LP | 49 | 74067, 74625 | .99 |
| PS-556 | ST | 49 | 77779, 75475 | |
| PS-557 | LP | 49 | 497575 | .99 |
| PS-539 | Comb. | 51 | 79807, 100653 | |
| PS-553 | Comb. | 51 | 103422 | .99 |
| PS-553 | Comb. | 51 | 103422 | |

†The open end type (54) replaces both Fig 53 & 54.

| STOCK No. | PT. SIZE | FIG. | CARTRIDGE | EACH |
|--------------------------------|----------|------|---|------|
| FOR RONETTE CARTRIDGES | | | | |
| PS-535† | ST | 53 | (Series; DT60 | .69 |
| PS-536† | AG | or | RA284 | |
| PS-537† | LP | 54 | T0284 | .69 |
| PS-577 | S | B | BF-40, Stereo-OV Stereo-OV-1 DC-500, TC-422 DC-122, Stereo-DV, DV-1 | |
| PS-578 | ST | B | | .69 |
| PS-509 | ST | 1 | Series, P-30, 35, 37, 70, 71, 72, 73, 75, 76, 77, 79, 80, 81, PC-30, 72V, W-21, 22, 23, 24, 65, 68, WC-60 | |
| PS-511 | LP | 1 | | .69 |
| PS-511 | LP | 1 | | |
| FOR SHURE CARTRIDGES | | | | |
| PS-539 | Comb. | 51 | Series; 2T, 9980 | .99 |
| PS-553 | Comb. | 51 | Series; 3T | |
| FOR SONOTONE CARTRIDGES | | | | |
| PS-567 | ST | 56 | A-1, A1-8, A7-A7-1, | .69 |
| PS-568 | LP | 56 | | |
| PS-509 | ST | 1 | A7-8, A8, A10 | .69 |
| PS-511 | LP | 1 | F10, F11, F11-1 | |
| PS-571* | AG | 61 | P1-2, P2-1, UX | .69 |
| PS-571* | AG | 61 | | |

SPECIAL LAFAYETTE CARTRIDGE VALUES!

FAMOUS PICKERING MARK IIC CARTRIDGE



SPECIAL SALE PRICE
988
Complete with D9007 Diamond Stylus

REG. 24.00

with D3707A Stylus

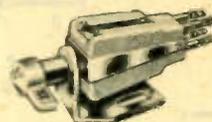
QUANTITY LIMITED

- .7 Mil Diamond Stylus
- Response \pm 2 db 10-30,000 CPS

Here is the famous Pickering Mark II C Cartridge with .7 mil diamond stylus that reproduces both mono and stereo perfectly. Uses "T-Guard" stylus assembly. Tracking force: 3-7 grams; separation: 25 db; output: .025 volts per channel. Shpg. wt., 3 ozs. PK-603L Net 9.88

STEREO CRYSTAL TURNOVER CARTRIDGE

NEW!



275

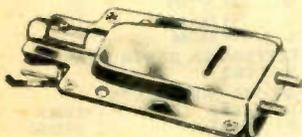
- EXCELLENT FREQUENCY RESPONSE
- HIGH OUTPUT
- LOW TRACKING FORCE
- DUAL SAPPHIRE STYLI

Another instance of Lafayette special value for you: a stereo crystal turnover cartridge at such a low price. Frequency response 40-14,000 cps. Tracks with low stylus pressure and high output voltage. Excellent channel separation for stereo effect. Supplied with turnover mechanism, knob and dual sapphire stylus to play records of all speeds. Completely compatible. Fits all standard arms. Shpg. wt., 6 oz. Imported PK-258 Net 2.75

REPLACEMENT STYLI

PK-281—Sapphire Stereo LP Net .69
PK-282—Sapphire STO (78) Net .69
PS-86L—DIAMOND Stereo LP Net 1.69

REPLACEMENT CARTRIDGES FOR RCA



125

- Replacement for cartridges in many thousands of RCA45 and many LP record changers. Imported
- 1 MIL SAPPHIRE STYLUS • 2.3V OUTPUT • HIGH IMPEDANCE CRYSTAL • TAKES 7-10 GMS PRESSURE
- $\frac{5}{8}$ " MTG CENTERS

EXACT REPLACEMENT FOR MANY STANDARD 45 RPM and 33 $\frac{1}{2}$ RPM CARTRIDGES

| RCA | | SHURE | |
|-------|-------|-------|-------|
| 74067 | 75575 | W31AR | P73AR |
| 74625 | 76318 | P73 | P73R |
| 75476 | | P73A | |

PK-168 Net 1.25
Sapphire replacement stylus for PK-168
PS-555 Net .69

ADMIRAL CARTRIDGES

620



ADMIRAL 409B11-2—Turnover cartridge replaces 409A11 for Admiral changer models RC210, RC211, RC212, RC220, RC221, RC222, RC320, RC321 and RC322. Complete with two (LP and standard) osmium needles. Shpg. wt., 12 oz. D-1D1 Net 6.20

PHONO CARTRIDGES 3.5 VOLT OUTPUT



129

Guaranteed high quality exact duplicates for direct replacement of all standard cartridges such as L70, L82, L92, V60B, N10, and many others. Pin plug connectors for all 78 r.p.m. Shpg. wt., 12 oz. Imported PK-11 each 1.29

PHILCO CARTRIDGE

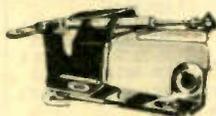
750



PHILCO

Genuine Philco Universal replacement for Philco part numbers 425-0011, 425-0016 and 325-8024. Fits changer models M20, M22, M24, M24A, M25, M26 and many others. Comes with 2 styli. Shpg. wt., 12 oz. PK-94 Net 7.50

SONOTONE 2T-S (Supersedes 9980-S) Turnover Ceramic Cartridge



295

This cartridge is used to replace Astatic AC, ACD, CAC, GC, LQD, ELECTRO-VOICE 16TT, 33, 43, 46T, 96T; SHURE WC series from WC22 to WC36, W22, W26; WEBSTER ELECTRIC AX, A1, A9-1. It is to be used on VM, Columbia 360, Webster, Crescent record changers and many other types now in use. Will give such hi-fi characteristics as extended frequency range and absence of distortion far beyond most cartridges it replaces—all with the added advantages of ceramic safety from humidity and heat. Has 1 mil stylus for LP records and 3 mil for standard—both sapphire. Shpg. wt., 8 oz. PK-40— Net 2.95

GENUINE ZENITH COBRA CARTRIDGES



Zenith S22006

ZENITH

All Zenith cartridges are identified by color. Just match color to obtain exact replacement. *For diamond cartridges listed below gold will replace green and blue; white replaces blue; gray replaces brown. wt., 5 oz.

| STOCK NO. | ZENITH NO. | COLOR | COBRAMATIC MODEL | STYLUS | NET |
|-----------|------------|-------------|------------------|------------|-------|
| D-10 | S11473 | Red | All to "L" | 3 Mil Os | 2.34 |
| D-11 | S15780 | Red & Green | All to "L" | 2 Mil Sapp | 2.34 |
| D-12 | S15222 | Green | All to "L" | 1 Mil Sapp | 2.34 |
| D-13L | *S21458 | Gold | All to "L" | 1 Mil Dia | 10.00 |
| D-14 | 142-73 | Purple | "L" & "M" | 3 Mil Sapp | 3.34 |
| D-15 | 142-72 | Yellow | "L" & "M" | 2 Mil Sapp | 3.34 |
| D-16 | 142-71 | Blue | "L" & "M" | 1 Mil Sapp | 3.34 |
| D-17L | *142-74 | White | "L" & "M" | 1 Mil Dia | 10.00 |
| D-18 | 142-77 | Brown | "R" & "T" | 1 Mil Sapp | 3.34 |
| | | | Turnover | 3 Mil Sapp | 5.00 |
| D-19L | *142-76 | Gray | "R" & "T" | 1 Mil Dia | 10.00 |
| | | | Turnover | 3 Mil Sapp | 11.00 |

ZENITH 45RPM SPINDLE

FITS ALL COBRAMATIC CHANGERS

Zenith S22006 spindle fits all models, Cobramatic changers and eliminates use of "spiders" and other devices to insert in records. Natural color matches any unit. Simple instructions with each unit. Shpg. wt., 1 lb. PK-391 Zenith S22006 Net 4.35

GENUINE MAGNAVOX CARTRIDGES



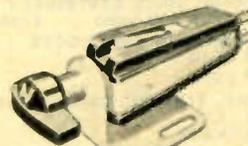
A

B

Genuine Magnavox exact replacement cartridges complete with indicated styli. Shpg. wt., 12 oz.

| STOCK NO. | MAG. NO. | FIG. | STYLI | NET |
|-----------|----------|------|---------------|-------|
| D-77L | 560158-2 | A | Diam/Sapphire | 11.52 |
| D-78L | 560169-1 | A | Diam/Sapphire | 10.52 |

REPLACEMENTS FOR RONETTE CARTRIDGES



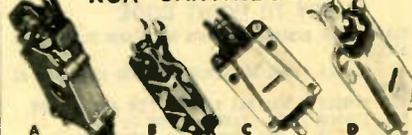
175

Hi-Fidelity cartridge for use in Collaro, Webcor, Garrard, VM and many players using Ronette cartridge type TO-284V or similar equipment with 2-sapphire styli for LP and 78. Output is .7 volts. Frequency response 30 to 15,000 c.p.s. Complete with turnover mechanism and knob. Will fit most tone arms. Shpg. wt., 6 oz. PK-450 Imported Net 1.75

HIGH OUTPUT MODEL

Similar to above to replace Ronette TO-222 and similar units. Output 2.2 volts. Frequency response 30-12,000 c.p.s. Shpg. wt., 6 oz. Imported PK-451 Net 1.75

RCA CARTRIDGES



Genuine RCA exact replacement cartridges complete with indicated styli. Shpg. wt., 12 oz.

| Stock No. | RCA No. | Fig. | Speed | Stylus | Net |
|-----------|---------|------|--------|-----------|------|
| D-36 | 70338A | A | 78 RPM | Sapp. | 4.12 |
| D-37 | 74067 | B | 45 RPM | Sapp. | 2.62 |
| D-38 | 75575 | C | 45 RPM | Sapp. | 3.76 |
| D-39 | 77779* | D | ALL | Sapp/Osm. | 4.41 |

* Turnover dual needle.

RETRACTOMATIC CARTRIDGE—

Webster Electric No. P2-1 spring mounted high output crystal cartridge. Has 2 mil osmium stylus to play all speeds. Output 5v on 78, 2 volts on LP. D-65 Webster Elec. No. P2-1 crystal cartridge. Shpg. wt., 9 oz. Net 2.91

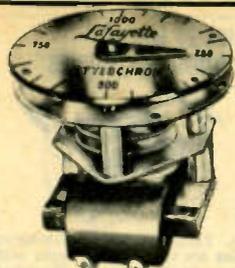
BSR STEREO AND MONAURAL TURNOVER CARTRIDGES



The BSR TC8S stereo and TC8H high output monaural cartridges are designed for quality performance at a special low price. Both are turnover types. STEREO CARTRIDGE: sensitivity, 240 mv/cm/sec; compliance, 1.4x10⁻⁶ cm/dyne; channel separation, 16 db at 1000 cps, 20 db at 4000 cps; balance between channels, within 3 db; tracking force, 5-9 grams. MONAURAL CARTRIDGE: sensitivity 500 mv/cm/sec; compliance, 2.0x10⁻⁶ cm/dyne; tracking force, 7-10 grams. Complete with turnover mechanism, shpg. wt., 3 oz. Imported PK-601 TC8H High output monaural cartridge Net 1.69 PK-602 TC8S Stereo cartridge Net 2.09

EXCEPTIONAL VALUES IN PHONO ACCESSORIES

NEW! EXCLUSIVE LAFAYETTE STYLOCHRON

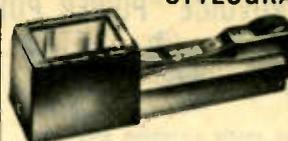


- PROTECT YOUR PRECIOUS RECORDINGS.
- NO MORE GUESS WORK KEEPS AN ACCURATE RECORD OF NEEDLE USE.

More precious recordings are ruined by tardy replacement of the needle than by any other cause. Now, there is no need to let this happen, especially to your doubly precious stereo recordings. Lafayette Stylochron lets you know just how long your needle has been in use so that you can replace the worn needle at the proper time, before it can do damage to your records. The Stylochron is quickly and easily mounted on your motor board or other convenient place. The moment your record changer or turntable starts, the Stylochron begins to register. It stops when the turntable stops. The 1000 hour dial will tell you at any time how long you have been using the needle. Dial is marked off in 50 hour units. You can remove your stylus for inspection at any predetermined number of hours. Diameter of the face plate is 2 3/8". Extends 1 7/8" below or behind panel. Complete with instructions. Shpg. wt., 2 lbs.

PK-224 Net 4.95

STYLOGRAPH STYLUS INSPECTOR



3.29

A real boon to record collectors. Helps protect your records and insure continued quality reproduction. An invaluable aid to inspect other small pointed objects too. Shows a large illuminated silhouette on a 1x1 1/2" ground glass screen. Easy to use, needle cartridge need not be removed from tone arm. Complete with on/off switch, bulb and two penlight batteries. Size: 5 3/4x1 3/8x 1 3/8". Shpg. wt., 8 oz.

PK-634 Net 3.29
BA-155 Extra batteries for above, each Net .095

LAFAYETTE HIGH FIDELITY STEREO-MONAUERAL TEST RECORD

- TESTS RUMBLE EACH CHANNEL • TESTS LEVEL EACH CHANNEL
- TESTS BALANCE • TESTS EQUALIZATION • STYLUS WEAR TEST
- TESTS RESONANCE • INCORPORATES PHASE CHECK

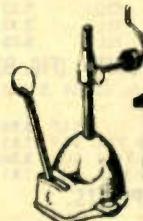


A Lafayette exclusive to help you check both stereo and monaural systems. For stereo testing this two-sided 12" L.P. stereo record has on its stereo side two 1000 cycle bands to check the level of each channel separately; balance check to set the level of each channel using special metronome recording; rumble test. There are stylus wear test grooves on both outer and inner edges of each side to check both stereo and monaural stvlii. Incorporates phase adjusting check to simplify phasing of speakers. For monaural testing it provides an RIAA equalization test

In 9 steps from 30 to 15,000 cycles, a continuous glide band from 10 to 35,000 cycles, to test for resonances of tone arm or of cabinet. The periodic use of this record to check on your equipment performance will easily pay off by catching any costly deficiencies or by diagnosing faults and errors. Also features sections of stereo sound effects of jet planes, boat whistles, etc. A terrific value and a "must" for the HI-FI enthusiast. Comes with complete instructions for use. Shpg. wt., 1 lb.

PR-14 Net 2.95

A LAFAYETTE SPECIAL! TONE ARM CONTROL



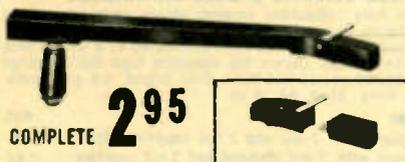
1.95

An absolutely essential addition for every HI-FI enthusiast. Ends groove and stylus damage caused by

accidental dropping of tone arm onto record, greatly extending record life. Accurately and smoothly lowers tone arm into run-in groove and lifts arm off record at end of play. Ideal for "cueing." Designed to fit practically every known turntable arm as well as record changer with manual features. Supplied with adhesive mounting base to keep unit in position and with both wood and metal mounting screws for permanent installation. Shpg. wt., 6 oz. Imported

MS-785 Net 1.95

STEREO TONE ARM with CRYSTAL STEREO CARTRIDGE

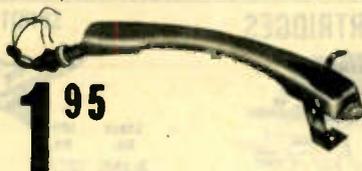


2.95

An exceptional value! A stereo tone arm ready for use with all stereo and monaural LP records at an amazingly low price. Modern, plastic, straight line design with off set plug-in head which has a wide-range stereo cartridge with single sapphire stylus. Output is 1 volt per channel — high enough to connect directly to basic amplifier. Stylus pressure adjustable by variable spring tension. Has finger-lift for ease in handling. Mounts easily — requires only one 3/4" hole and is secured by single locknut. May be mounted on turntable base of up to 1/4" thickness. Easy height adjustment at base of arm. Overall length 10". Finished in gleaming black with gold trim. Shpg. wt., 1 lb. Imported

PK-171 Stereo Tone Arm with cartridge Net 2.95
PK-172 Replacement cartridge Net 1.95
PS-576 Replacement needle Net .49

NEW IMPORTED STEREO/MONAUERAL PICKUP

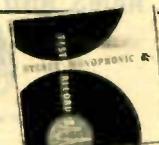


1.95

Employs a high-output crystal turnover cartridge for either stereo or monaural operation. Frequency response, 20-18,000 cycles; output, 1 volt per channel. Crosstalk between channels is 15 db or more down. Each channel has a separate shielded output cable. Travel lock arm rest prevents accidental damage to records. The pickup arm is designed to be mounted in a single, circular hole, 3/4" in diameter. Equipped with side attachment for easy lifting and setting down. Durable plastic construction. Shpg. wt., 7 oz. Imported

PK-537 Net 1.95
Sapphire LP replacement needle for above
PS-576 Net .49
Sapphire STD replacement needle for above
PS-579 Net .49

7" STEREO-MONOPHONIC TEST RECORD



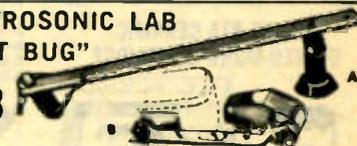
1.59

This invaluable dual-purpose test record has four bands for stereo checks only — plus three bands for checking stereo OR monophonic equipment. Tests channel separation, balance, transient response, phasing, lateral and vertical quality, rumble, turntable speed, stylus condition, wow and flutter and frequency response — all without the use of test equipment; user simply listens to the record. If test equipment is used, highly accurate results approaching laboratory standards can be obtained. Shpg. wt., 6 oz.

PR-50 Net 1.59

ELECTROSONIC LAB "DUST BUG"

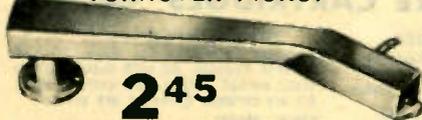
5.63



Automatically removes dirt and dust on each playing. Light plastic arm mounts by suction cup. Can be permanently mounted by rubber cement. The bottle of anti-static cleaning fluid has a built-in wick for application to a brush and pad at the end of arm. Shpg. wt., 6 oz.

PK-156 Standard model (A) Net 5.63
ESL CHANGER DUST BUG (B). The tuft and pad assembly clips onto arm of changer. Performs the same as the standard model. Shpg. wt., 4 oz.
PK-246 Changer model (B) Net 4.65
DISPENSER OF ACTIVATING FLUID. For Dust Bugs.
PK-247 Net 1.22
PK-173 Replacement plush pad .78
PK-174 Replacement nylon brush .98

NEW! MODERN 4-SPEED TURNOVER PICKUP



2.45

- 2 1/2 VOLT OUTPUT
- TURNOVER CRYSTAL CARTRIDGE
- DUAL SAPPHIRE
- 40-12,000 CYCLES

A terrific value! Modern, plastic, straight-line design with offset head, furnished with turnover-type, high-output crystal cartridge (2 1/2 V.) with dual sapphire styli. Power enough to connect directly to basic amplifier. Stylus pressure adjustable by variable spring tension. Has finger lift for ease in handling. Overall length 8 1/2". Height from base to bottom of arm 1 3/4". Simple base mount with 1/4" spaced mounting. Shielded leads. Smooth, gray finish plastic arm. Shpg. wt., 2 lbs. Imported

PK-157 Net 2.45
PK-158 Sapphire LP replacement needle Net .49
PK-159 Sapphire Std. replacement needle Net .49

NEW! 4-SPEED HI-FI TURNOVER PICKUP



2.75

- ARM TAKES STEREO OR MONAUERAL CARTRIDGES • WITH WIDE RANGE MONAUERAL CARTRIDGE • ADJUSTABLE ARM HEIGHT AND STYLUS PRESSURE

Arm is wired for stereo, anticipating future conversion. Has a wide range turnover monaural crystal cartridge with dual sapphire styli. Output is 1 1/2 V. Easy height adjustment at base, 1 1/8" to 1 3/4". Also stylus pressure adjustment. Plastic arm 9 1/2" long overall. Base 1 3/4" with mounting holes on 1 3/8" centers. Shielded leads. Satin smooth light maroon finish. Shpg. wt., 2 lbs. Imported

PK-146 Net 2.75
PK-158 Sapphire LP replacement Needle Net .49
PK-159 Sapphire STD replacement Needle Net .49

LAFAYETTE SPECIAL STYLUS INSPECTION MICROSCOPE

.98

With this pocket-sized inspection microscope you can examine your stylus tip for signs of wear, imperfections, general condition. Its 50X magnification is enough to provide a good, clear image for observation. Size 3/4" long x 1/2" diam. Shpg. wt., 8 oz.

PK-237 Imported Net .98

ELECTRO-VOICE-SONOTONE-SHURE CARTRIDGES

ELECTROVOICE "POWER POINT" PLUG-IN CARTRIDGES



Integral cartridge and needle assemblies wide range high compliance. No soldering, no wiring. All less mount, slip right into old mount. If converting, use mounts listed below. Under Stylus D = Diamond, S = sapphire.

MONAURAL TYPES (FIG. A)

Output 1 volt, 20-12,000 cps. Track force 5-8 grams.

| Stock No. | Mfg. No. | Color | Stylus | Speed | Net |
|-----------|----------|--------|----------------|-------|------|
| D-223 | 51 | Red | 2-S-.001 | LP | 2.32 |
| D-245 | 52 | Green | 2-S-.002 | ALL | 2.32 |
| D-224 | 53 | Black | 2-S-.003 | STD. | 2.32 |
| D-225 | 56 | Blue | S-.001, S-.003 | ALL | 2.32 |
| D-226L | 56D | Orange | D-.001, S-.003 | ALL | 5.85 |

STEREO-MONAURAL POWER POINTS (FIG. B)

Play both stereo and monaural records. Output .5 volt 20-16,000 cps. Tracking force 5-8 grams.

| Stock No. | Mfg. No. | Color | Stylus | Speed | Net |
|-----------|----------|-------------|--------------------|-------|------|
| D-227 | 61 | Red-Silver | 2-S-.7 Mil | S-LP | 3.50 |
| D-228L | 61D | Red-Gold | D-.7 Mil, S-.7 Mil | S-LP | 7.61 |
| D-229 | 66 | Blue-Silver | S-.7 Mil, S-3 Mil | S-3 | 3.50 |
| D-230L | 66D | Blue-Gold | D-.7 Mil, S-3 Mil | S-3 | 7.61 |

MOUNTS FOR POWER POINTS

| | |
|---|---------|
| Type PFT-1. Fixed for 51-1, 52-2, 53-3 | |
| D-243 | Net .59 |
| Type PT-2 Turnover. For models 56, 56DS | |
| D-244 | Net .59 |
| Type PFT-3. Fixed for 61 and 61DS | |
| D-239 | Net .59 |
| Type PT-3 Turnover for 66 and 66DS | |
| D-238 | Net .59 |

EXACT REPLACEMENTS FOR ZENITH COBRAS

| Stock No. | E.V. No. | Zen. No. | Stylus | Speed | Fig. | Net |
|-----------|----------|----------|----------------|-------|------|------|
| D-247L | 109D | 142-74 | D-.001 | LP | D | 8.82 |
| D-248 | 109 | 142-71 | S-.001 | LP | D | 2.94 |
| D-249 | 110 | 142-72 | S-.002 | ALL | D | 2.94 |
| D-250L | 111D | 142-76 | D-.001, S-.003 | ALL | E | 9.70 |
| D-251 | 111 | 142-77 | S-.001, S-.003 | ALL | E | 4.41 |
| D-252L | 116D | 142-88 | D-.001, S-.003 | ALL | F | 5.85 |
| D-253 | 115 | 142-89 | 2-S-.001 | LP | F | 2.32 |
| D-254 | 116 | 142-87 | S-.001, S-.003 | ALL | F | 2.32 |
| D-257 | 106 | 142-108 | .001, .003 | S3 | C | 3.50 |
| D-258L | 106D | 142-109 | .001, .003 | S3 | C | 7.62 |

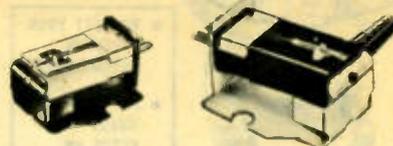
EXACT REPLACEMENTS FOR WEBCOR (FIG C)

| | | | | | | |
|--------|-----|-------|----------------|-----|--|------|
| D-246 | 76 | White | S-.001, S-.003 | ALL | | 2.32 |
| D-231L | 76D | Pink | D-.001, S-.003 | ALL | | 5.85 |

EXACT REPLACEMENTS FOR ASTATIC (FIG. G)

| Stock No. | E.V. No. | AST No. | Stylus | Speed | Net |
|-----------|----------|---------|-------------------|-------|------|
| D-210 | 13 | 13T | S-.7 Mil, S-3 Mil | S-3 | 4.09 |
| D-211L | 13D | 13TX | D-.7 Mil, S-3 Mil | S-3 | 6.44 |
| D-233 | 81 | 81T | S-1 Mil, S-3 Mil | ALL | 2.32 |
| D-234L | 81D | 81TX | D-1 Mil, S-3 Mil | ALL | 4.69 |
| D-255 | 89 | 89T | S-1 Mil, S-3 Mil | ALL | 2.91 |
| D-256L | 89D | 89TX | D-1 Mil, S-3 Mil | ALL | 6.44 |

EV. SERIES 20 HI-FI STEREO-MONOPHONIC CARTRIDGES



Hi-Fi Ceramic cartridges. Exclusive design eliminates turntable rumble. 21 series are single needle types with .7 mil stylus to play stereo and LP monaural. 26 series are turnover types with .7 mil and 3 mil stylus to play stereo and all monaural records. Types with * match magnetic phono input. TIP CODE S = SAPPHIRE, D = DIAMOND, Freq. 20-16,000 cycles \pm 2 1/2 DB with 3 meg input load. Tracking force 6 grams; output .5 volt, separation 20 db; vert. rumble rejection 15 db; distortion below 3%. Standard 3/8 to 1/2" mtg. centers. Shpg. wt., 3 oz.

| Stock No. | E.V. No. | Stylus | Net |
|-----------|----------|----------|-------|
| D-212 | 21* | S-7 | 5.59 |
| D-213 | 22* | S-7 | 7.35 |
| D-214L | 21D | D-7 | 8.82 |
| D-215L | 22D* | D-7 | 10.58 |
| D-216 | 26 | S-7, S-3 | 6.17 |
| D-217 | 27* | S-7, S-3 | 7.94 |
| D-218L | 26D | D-7, S-3 | 9.70 |
| D-219L | 27D* | D-7, S-3 | 11.57 |

E. V. REPLACEMENT NEEDLES

For series 21 and 26 cartridges.

| Stock No. | E.V. No. | Tip | Net |
|-----------|----------|----------|------|
| D-237L | 2604D | .7 Mil D | 5.85 |
| D-241 | 2604 | .7 Mil S | 1.47 |
| D-242 | 2605 | 3 Mil S | 1.47 |

SONOTONE ARMS AND CARTRIDGES



STEREO TONE ARM WITH CARTRIDGE

Attractive light weight plastic arms with series 12 stereo crystal cartridge with 2 sapphire stylus. See listing at right for specs. 8 1/2" long. Shpg. wt., 2 lb.

| Stock No. | Mfg. No. | Cart. | Color | Volt | Net |
|-----------|----------|--------|-------|-------|------|
| D-402 | T-81 | 12THRS | Gray | 2 1/2 | 4.38 |
| D-403 | T-11 | 12THRS | Brown | 2 1/2 | 4.38 |
| D-404 | T-81 | 12TLAS | Gray | 1 | 4.38 |
| D-405 | T-11 | 12TLAS | Brown | 1 | 4.38 |

SERIES 8TA CERAMIC STEREO-MONO CARTRIDGE



Series 8TA incorporate rumble suppression and have standard 1/2" mounting centers. Response is 20-15,000 cps with gradual roll-off to 20,000 cps; output is 0.3 volts; compliance is 3x10⁻⁶ cm/dyne, for each channel. Separation is 20 db; tracking force is 3-6 gm.; weight 7 1/2 gms. All models are turnover types with 2 stylus for all monaural and stereo records. S = Sapp, D = Diamond. Avg. shpg. wt., 4 oz.

| Stock No. | Mfg. No. | Color | Stylus | Net |
|-----------|----------|---------|--------|-----|
| D-389 | 8TA-4S | S-7-S3 | 5.14 | |
| D-391L | 8TA-4SD | D-7-S3 | 7.65 | |
| D-393 | 8TA-4S77 | S-7-S-7 | 5.14 | |

SERIES 9T

Ceramic with response of \pm 1 DB 20-17,000 with roll off to 20,000 CPS; output .4 volt; compliance 5.5 x 10⁻⁶; separation 30 DB; tracking force 2-3 gms; weight 3.2 gms. Turnover with 2 stylus. Shpg. wt., 4 oz.

| Stock No. | Son. No. | Stylus | Net |
|-----------|----------|---------|------|
| D-410 | 9TA-S | S-7-S3 | 4.91 |
| D-411L | 9TA-SD | D-7-S3 | 7.65 |
| D-412 | 9TA-S77 | S-7-S-7 | 4.91 |



SERIES 12 STEREO CRYSTAL CARTRIDGES

4 Lead turnover stereo cartridges. * for stereo, LP and 78, others for Stereo and LP. With 2 sapphire stylus. Complete with mtg. bracket and plug connectors. Shpg. wt., 4 oz.

| Stock No. | Mfr. No. | Volts | Stylus | Net |
|-----------|-----------|-------|------------|------|
| D-406* | 12TH-RS | 2 1/2 | 7 & 3 Mil | 3.44 |
| D-407 | 12TH-RS77 | 2 1/2 | TWO .7 Mil | 3.44 |
| D-408* | 12TL-AS | 1 | 7 & 3 Mil | 3.44 |
| D-409 | 12TL-AS77 | 1 | TWO .7 Mil | 3.44 |

SONOTONE 3T CERAMIC CARTRIDGE

For monaural use. Features extended response of 20-15,000 cps, with gradual roll-off to 20,000 cps. Built-in RIAA equalization. Superior compliance. With 1 mil and 3 mil stylus assembly. Tracks at 6 gm. Shpg. wt., 3 oz.

| Stock No. | MODEL | STYLUS | NET |
|-----------|-------|------------------|------|
| D-382 | 3T-S | dual sapphire | 4.56 |
| D-384L | 3T-SD | diamond-sapphire | 7.29 |

SONOTONE STYLUS

Number and letter between dashes under model identify cartridge with which used. All dual types. Tip code: S = Sapphire, D = Diamond, 1 = 1 mil, 3 = 3 mil, 7 = .7 mil.

| Stock No. | Mfr. No. | Tip. | Net |
|-----------|-----------|-------|------|
| D-377 | N-2T-S | S1-S3 | 1.47 |
| D-378L | N-2T-SD | D1-S3 | 3.23 |
| D-383 | N-3T-S | S1-S9 | 1.47 |
| D-385L | N-3T-SD | D1-S3 | 3.23 |
| D-387 | N-8TA-S | S7-S3 | 3.47 |
| D-386L | N-8TA-SD | D7-S3 | 4.23 |
| D-392 | N-8TA-S77 | S7-S7 | 1.47 |
| D-413 | N9T-S | S7-S3 | 1.62 |
| D-414L | N9T-SD | D7-S3 | 3.38 |
| D-415 | N9T-S77 | S7-S7 | 1.62 |

SONOTONE UNITIZED CERAMIC STEREO CARTRIDGES



This fully compatible ceramic stereo cartridge can be installed in practically any tone arm in a few minutes. Terminal soldering has been eliminated by a unique plug socket design. Covers the complete high fidelity range 20-15,000 cycles flat RIAA. 0.5V output, 6-8 gms tracking force. Shpg. wt., 6 oz.

| Stock No. | Mfr. No. | Description | Net |
|-----------|-----------|---|------|
| D-394L | 10T2-S | Turnover mount with .7 mil and 3 mil sapphire stylus | 5.70 |
| D-396L | 10T2-SD | Turnover mount with .7 mil diamond and 3 mil sapphire | 7.64 |
| D-398 | 10T2-S77 | Turnover mount with two .7 mil sapphire stylus | 5.70 |
| D-400L | 10T2-SD77 | Turnover mount with diamond & sapphire .7 mil stylus | 7.64 |

SONOTONE 16T AND 18T CERAMIC STEREO CARTRIDGES

Channel separation 25db. Dual jewel tips saph. or dia. Standard 1/2 inch mtg centers, 16T output .65V, 18T output 1.0V.

| Stock No. | Mfr. No. | Description | Net |
|---|----------|--------------------------------|------|
| D-416 | 16TAS | 0.7 mil. saph., 0.3 mil. saph. | 3.53 |
| D-417 | 16TAS77 | 0.7 mil. saph., 0.7 mil. saph. | 3.53 |
| D-418L | 16TASD | 0.7 mil. dia., 0.3 mil. saph. | 5.73 |
| D-419 | 18TAS | 0.7 mil. saph., 0.3 mil. saph. | 3.53 |
| D-420 | 18TAS-77 | 0.7 mil. saph., 0.7 mil. saph. | 3.53 |
| D-421L | 18TASD | 0.7 mil. dia., 0.3 mil. saph. | 5.73 |
| REPLACEMENT STYLUS FOR 16T AND 18T | | | |
| D-422 | N16TS | 0.7 mil. saph., 0.3 mil. saph. | 1.47 |
| D-423 | N16TS77 | 0.7 mil. saph., 0.7 mil. saph. | 1.47 |
| D-424L | N16TSD | 0.7 mil. dia., 0.3 mil. saph. | 3.23 |
| D-425 | N18TS | 0.7 mil. saph., 0.3 mil. saph. | 1.47 |
| D-426 | N18TS77 | 0.7 mil. saph., 0.7 mil. saph. | 1.47 |
| D-427L | N18TSD | 0.7 mil. dia., 0.3 mil. saph. | 3.23 |

SHURE CARTRIDGES



SINGLE CARTRIDGES

All Purpose Single Needle Cartridges For 33 1/3, 45, 78 RPM Records.

All with single 2 mil osmium stylus

| Stock No. | Model No. | Output | Net |
|-----------|-----------|--------|------|
| D-310 | WC38† | .9V | 4.41 |
| D-312 | W66B | 2.0V | 4.12 |
| D-314 | W70 | 3.0V | 2.91 |

Standard Cartridges For 78 RPM Records. All are crystal. W56N has bifurcated combination playback and recording stylus for Wilcox-Gay Recordette. W68 has single 3 mil osmium stylus.

| Stock No. | Model No. | Output | Net |
|-----------|-----------|--------------|------|
| D-311 | W56N | 4.3V | 5.88 |
| D-313 | W68 | 1.6V | 4.41 |
| D-316 | W78 | 4.0V or 2.0V | 3.26 |

DUAL CARTRIDGES

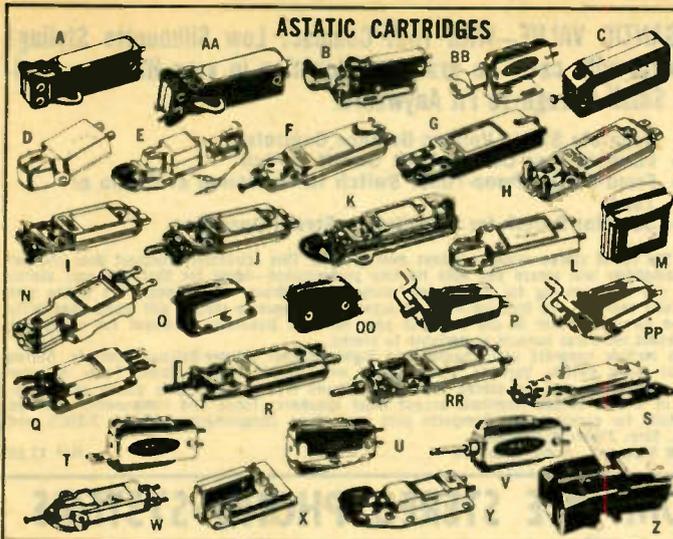
Turnover Cartridges For 33 1/3, 45 and 78 RPM Records. All with dual sapphire stylus, except * have dual osmium stylus. All are ceramic except † are crystal.

| Stock No. | Model No. | Output | Net |
|-----------|-----------|--------|------|
| D-304 | W22† | 1.2V | 5.59 |
| D-305 | W22†† | 1.2V | 5.88 |
| D-306 | WC24* | 0.6V | 5.14 |
| D-307 | WC24†* | 0.6V | 5.44 |
| D-308 | WC25 | .65V | 5.59 |
| D-315 | W72† | 3V | 5.00 |

"Twin-Lever" Cartridges For 33 1/3, 45 and 78 RPM Records. All with dual sapphire stylus except * has diamond and sapphire stylus. All are ceramic except † is crystal.

| Stock No. | Model No. | Output | Net |
|-----------|-----------|--------|-------|
| D-300 | WC6 | .5V | 8.53 |
| D-301 | W9† | 3.5V | 5.59 |
| D-302 | WC10 | .78V | 5.59 |
| D-303L | WC10D* | .78V | 19.99 |

ASTATIC PICKUP CARTRIDGES



TURNOVER TYPES

All are equipped with dual sapphire styli; 1 mil (LP) and 3 mil (Std 78). Average shpg. wt., 6 oz.

| Stock No. | Mfr. No. | Fig. | NET | Stock No. | Mfr. No. | Fig. | NET |
|-----------|----------|------|------|-----------|----------|------|------|
| D-128 | 40T | AA | 4.09 | D-167 | 124TS | V | 3.79 |
| D-129 | 40TB | B | 4.97 | D-168 | 310T | U | 3.20 |
| D-132 | 41T | AA | 5.58 | D-169 | 310TS | U | 3.20 |
| D-133 | 41TB | B | 5.88 | D-171 | 312T | U | 3.20 |
| D-139 | 53T | P | 4.67 | D-172 | 312TS | V | 3.66 |
| D-141 | 55T | PP | 4.67 | D-189 | 314TS | V | 3.20 |
| D-142 | 57T | PP | 5.59 | D-190 | 316TS | V | 3.50 |
| D-146 | 62TB | K | 5.88 | D-177 | 405 | J | 4.67 |
| D-147 | 62TY | J | 4.67 | D-178 | 406 | RR | 4.67 |
| D-148 | 64TS | R | 4.09 | D-181 | 409 | PP | 5.59 |
| D-151 | 66TB | K | 5.29 | D-182 | 410 | Q | 3.82 |
| D-152 | 66TS | RR | 4.26 | D-185 | 420TS-TB | BB | 3.20 |
| D-153 | 66TY | J | 3.82 | D-186 | 422T*-TB | BB | 3.50 |
| D-165 | 118TS | V | 3.79 | D-187 | 424TS | V | 3.82 |
| D-166 | 120TS | V | 3.79 | D-191 | 426TS | V | 4.41 |

STANDARD GROOVE TYPES

Single needle type for STD (78) only. Types marked * have sapphire 3 MIL styli, † has osmium stylus, others less needle. Shpg. wt., 6 oz.

| Stock No. | Mfg. No. | Fig. | NET | Stock No. | Mfg. No. | Fig. | NET |
|-----------|----------|------|------|-----------|----------|------|------|
| D-111 | 2 | C | 5.29 | D-125 | 26 | G | 2.91 |
| D-112 | 4 | G | 2.62 | D-127 | 32 | G | 2.62 |
| D-113 | 6 | G | 2.62 | D-150 | 66-3* | H | 2.91 |
| D-116 | 12 | F | 2.62 | D-174 | 401 | X | 3.50 |
| D-117 | 12U | F | 2.91 | D-175 | 402† | W | 4.67 |
| D-124 | 24 | G | 2.91 | D-176 | 403* | D | 6.17 |

MICRO-GROOVE TYPES

All with sapphire 1 mil styli for LP only. Shpg. wt., 6 oz.

| Stock No. | Mfg. No. | Fig. | NET | Stock No. | Mfg. No. | Fig. | NET |
|-----------|----------|------|------|-----------|----------|------|------|
| D-130 | 40-1 | A | 3.82 | D-110 | 310-1 | T | 2.91 |
| D-136 | 50-1 | M | 5.59 | D-180 | 408 | Q | 2.62 |
| D-137 | 51-1 | O | 4.35 | D-183 | 414-1 | U | 2.62 |
| D-145 | 62-1 | Q | 2.91 | | | | |

ALL GROOVE TYPES

All equipped with single 2 MIL sapphire styli for all speeds except * is osmium tip and † is less needle.

| Stock No. | Mfr. No. | Fig. | NET | Stock No. | Mfr. No. | Fig. | NET |
|-----------|----------|------|------|-----------|----------|------|------|
| D-122 | 16† | H | 2.32 | D-149 | 66-2 | H | 2.91 |
| D-123 | 22† | H | 2.32 | D-164 | 106† | S | 2.91 |
| D-126 | 28† | N | 2.32 | D-170 | 310-2 | T | 2.91 |
| D-131 | 40-2 | A | 3.82 | D-173 | 312-2 | T | 3.21 |
| D-138 | 51-2 | O | 4.35 | D-179 | 407* | Y | 2.62 |
| D-140 | 53-2 | OO | 4.35 | D-192 | 414-2 | U | 2.62 |
| D-143 | 59-2 | O | 5.00 | D-184 | 416-2 | U | 3.20 |
| D-144 | 60-2 | H | 4.12 | | | | |

STEREO-MONAURO CARTRIDGES

All are crystal turnover cartridges except * which are ceramic turnover. All are equipped with .7 mil and 3 mil styli to play stereo, LP and standard 78 RPM. Shpg. wt., 6 oz.

| Stock No. | Fig. | Mfr. No. | Output | Press. | Freq. | NET |
|-----------|------|----------|--------|--------|--------|-------|
| D-193 | A | 70-TS | 2.0 V | 8 gr. | 50-10K | 4.26 |
| D-194 | A | 74-TS | 2.0 V | 8 gr. | 50-10K | 4.26 |
| D-195 | B | 76TS-TB | 2.0 V | 8 gr. | 50-10K | 4.67 |
| D-196 | A | 80-TS | 0.8 V | 6 gr. | 50-15K | 4.41 |
| D-208* | Z | 17 | 0.4 V | 5 gr. | 20-20K | 8.67 |
| D-209L* | Z | 17D | 0.4 V | 5 gr. | 20-20K | 11.61 |

ASTATIC SOUND-FLO CARTRIDGE-STYLI COMBINATIONS PLUG-IN DIRECT REPLACEMENTS ZENITH • WEBCOR • EV • RCA • WEB ELEC

Exact replacements with styli. Column headed TIP coded: L — 1 mil sapphire; LD — 1 mil diamond; LS — 1 mil and 3 mil sapphires; LD-S — 1 mil diamond and 3 mil sapphire; LL — two 1 mil sapphires; CC — two 2 mil sapphires; SS — two 3 mil sapphires. Dot color identifies original cartridge. Shpg. wt., 4 oz.

| Stock No. | Ast. No. | Dot | Tip | E.V. | Replaces | | | NET |
|-----------|----------|--------|------|------|----------|----------|--------|------|
| | | | | | Webcor | Web. El. | Zenith | |
| D-197 | 91T | White | L-S | 76S | A1919 | V-2 | — | 2.32 |
| D-198L | 91TX | Pink | LD-S | 76DS | A1920 | V-2D | — | 5.85 |
| D-199 | 93T | Blue | L-S | 56 | — | V-1 | 142-80 | 2.32 |
| D-200L | 93TX | Orange | LD-S | 56DS | — | V-1D | 142-83 | 5.85 |
| D-201 | 93T-1 | Red | L-L | 51-1 | — | — | — | 2.32 |
| D-202 | 93T-2 | Green | C-C | 52-2 | — | — | — | 2.32 |
| D-203 | 93T-3 | Black | S-S | 53-3 | — | — | — | 2.32 |

PLUG-IN CARTRIDGE FOR RCA

Exact replacement for RCA part 105837 used in models 9JD1, 9ED2, 93D3, 6EY3D. Type 89-1 silicone filled, used in RCA—Chrysler automobile phonographs.

| | | |
|--------|-----------------------------------|----------|
| D-158 | ASTATIC 83-1. With 1 mil sapphire | Net 2.06 |
| D-159L | ASTATIC 83-1X. With 1 mil diamond | Net 7.06 |
| D-160 | ASTATIC 89-T. With 1 mil sapphire | Net 2.91 |

ASTATIC SOUND-FLO CERAMIC STEREO CARTRIDGES



These ceramic cartridges replace most existing monaural ceramic and crystal cartridges. Completely compatible, plays either stereo or monaural records. 4 terminals for hum-free performance. Channel separation, 20 db except 13AT and 13ATX is 25 db. Response 20-15,000 cps except 13AT and 13ATX is 30-20,000. RIAA equalized. 0.5v output. 6 gm tracking force. Fits all standard arms with Astatic mounts. Complete with needle-cartridge plug-in assemblies. Shpg. wt., 6 oz.

| | |
|---|----------|
| ASTATIC 11T7B. Cartridge with turnover mount; 2 — 0.7 mil sapphire styli for extended stylus life with 33 1/3 and 45 rpm monaural and stereo records. | Net 4.67 |
| D-115 | Net 4.67 |
| D-114 ASTATIC 11T7. Same as 11T7B but cartridge only, less mount | Net 4.09 |
| ASTATIC 13TB. Cartridge with turnover mount; one 0.7 mil and one 3 mil sapphire styli. For all monaural and stereo records. | Net 4.67 |
| D-119 | Net 4.67 |
| D-118 ASTATIC 13T. Same as 13TB but less mount | Net 4.09 |
| ASTATIC 13TBX. Cartridge with turnover mount; one 0.7 mil diamond and one 3 mil sapphire stylus. | Net 7.03 |
| D-120L | Net 6.44 |
| D-121H ASTATIC 13TX. Same as 13TB but less mount | Net 4.67 |
| ASTATIC 13AT. Cartridge with one .7 mil and one 3 mil sapphire; less holder. | Net 4.67 |
| D-204 | Net 8.20 |
| ASTATIC 13ATX. Same as 13AT but with diamond .7 mil and 3 mil sapphire; less holder. | Net 4.26 |
| D-205L | Net 7.79 |
| D-206 ASTATIC 9-7B. Cartridge with one .7 mil sapphire plus holder | |
| D-207L ASTATIC 9-7BX. Same as 9-7B but diamond | |

ASTATIC SOUND-FLO PLUG-IN MONAURO CARTRIDGES



Outstanding plug-in ceramic cartridge and needle combinations. Turnover type with dual 1 mil and 3 mil styli.

81 SERIES WIDE RANGE

NO 81TB. Replaces Sonotone 2T, E-V 56, Shure PC2, 4 series and many others. Complete assembly includes cartridge, 2 sapphire styli, mtg. bracket, housing, turnover lever. Shpg. wt., 6 oz.

| | |
|---|----------|
| D-156 | Net 2.91 |
| D-154 81T. Replacement cartridge and styli assembly for 81TB | Net 2.32 |
| D-155L 81TBX. Same as 81TB except with diamond-sapphire styli | Net 5.37 |
| D-157L 81TX. Replacement cartridge and styli assembly for 81TBX | Net 4.68 |

89 SERIES HIGH FIDELITY

ND 89TB. Replaces Sonotone 3T, E-V 86, Shure PC-6 series, Magnavox 560212-2, 560192-1, 560215-2. Complete assembly includes cartridge, 2 sapphire styli, mtg. bracket, housing, turnover lever. Shpg. wt., 6 oz.

| | |
|---|----------|
| D-161 | Net 3.50 |
| D-16D 89T. Replacement cartridge and styli assembly for 89TB | Net 2.91 |
| D-162L 89TBX. Same as 89TB except with diamond-sapphire styli | Net 7.03 |
| D-163L 89TX. Replacement cartridge and styli assembly for 89TBX | Net 6.43 |

ASTATIC MOUNTING BRACKETS

STEREO MOUNTS



Astatic type MB-2 for types 11T7, 13T, 13TX, 13AT and 13ATX. Shpg. wt., 2 oz.

MONAURO MOUNTS



Astatic type MB-3 for types 81T, 81TX, 89 and 89TX. Shpg. wt., 2 oz.

| | | | |
|-------|-----|-------|-----|
| D-134 | .59 | D-135 | .59 |
|-------|-----|-------|-----|

NEW! *Tru-test*™ STEREO/8 AMPLIFIER



1795

A GIGANTIC VALUE—With That Compact Low Silhouette Styling!
Complete with case—to grace any location in your Home or Business. Small Enough To Fit Anywhere.

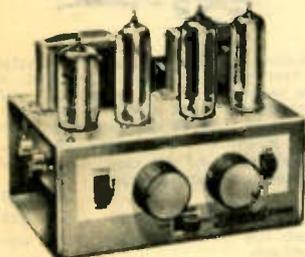
- Separate Stereo Volume-Balance Controls
- Variable Tone Control With On-Off Switch
- Front-Panel Phono-Tuner Switch for Selection of Phono or Tuner
- Selector Switch for Monaural or Stereo Operation

One of the finest stereo values we have ever offered. This attractive, compact dual channel stereo amplifier will amaze you with its fine performance—Ideal for that low cost stereo system you are planning for your living room, den, bedroom or business. It's petite size lends itself easily to any location—It's attractive low silhouette styling will blend beautifully with the furniture decor in any room of your home or business. Excellent for converting your present monaural console or portable to stereo.

Controls include separate Left Channel and Right Channel Volume-Balance Controls, Stereo/Monaural Mode switch, Variable Tone control with On-Off switch, Phono/Tuner Selector switch; 4 jacks in rear for stereo tuners and stereo crystal or ceramic phono cartridges; 2 pair of 4-ohm output terminals accept most speakers. Tubes and components mounted horizontally for compactness. Complete with case. Tube complement: 1-12AX7, 2-35C5, and 1-35W4. Size: 7½"X2½"X5½"D".
PK-726W Shpg. wt., 6 lbs. Imported Net 17.95



STEREO/5 AMPLIFIER



- Individual Stereo Volume-Balance Controls
- For Both Stereo and Monaural
- Fully Wired—Ready For Stereo

1095

This rugged, precision made dual channel stereo amplifier will amaze you with its fine quality . . . Ideal for that low cost stereo system you're planning for your home or business. Perfect for converting your present console or portable to stereo. Controls include separate left channel and right channel volume controls, stereo-monaural mode switch, tone control switch and on-off switch. Provision for crystal or ceramic cartridge, 4-ohm output terminals accept most speakers. Tube complement: 2-35C5, 1-35W4 and 1-12AX4. Size: 4½"Hx5½"Wx4½"D". 115-volt 60 cycles.
PK-441W Shpg. wt., 5 lbs. Net 10.95

COMPLETE STEREO PHONO SYSTEMS

AS LOW AS

48⁵⁰

NO MONEY DOWN



(ALTERNATE)

Tru-test Stereo/8 Stereo Amplifier, Lafayette — Glaser-Steers Automatic 4 Speed Record Changer with wide range cartridge*. 2 Lafayette SK-109 Miniature Speaker Systems in Attractive Mahogany veneer finish.

Above system supplied complete with 25' speaker cable for each speaker. Shpg. wt., 26 lbs.

PK-761WXM Net 55.50

Same system as above except with Stereo/5 stereo amplifier instead of Stereo/8 stereo amplifier.

PK-751WXM Shpg. wt., 25 lbs. Net 48.50

PK-747W Mahogany base for changer Net 3.95

*—See page 75 for full description.

BATTERY OPERATED PHONO MOTOR

- 3 SPEEDS • OPERATES ON FOUR FLASHLIGHT CELLS



A rugged, constant phono motor and turntable with low wow and flutter. Low current drain gives 135 hours of normal use from 4 standard flashlight cells. New 6-inch plastic turntable will play 45, 33½, 16 RPM records. Easy mounting, single assembly. Depth below mounting surface 2 in. Shpg. wt., 4 lbs.

ML-9 Battery operated phono motor and turntable Net 10.20

4-SPEED PHONO MOTOR WITH TURNTABLE

Quiet, dependable A-C operation assured by rubber shock-mounted friction drive motor. Speed change control through idler driving on 8" turntable. Mounting centers 4½x3¾ 2½" depth below base plate. Shpg. wt., 3½ lbs.

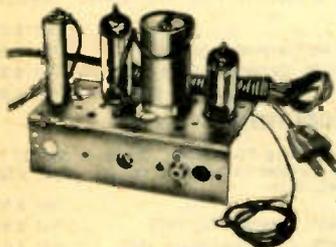
ML-24 Phono and turntable Net 5.35

PK-149 Mounting board for motor Net 1.95



RADIO BROADCASTER/PHONO OSCILLATOR

450



Have fun making announcements and broadcasting music through your own radio — with this broadcaster. Simply connect high impedance microphone or phono pickup to broadcaster and tune in broadcaster on radio. No wiring between the broadcaster and radio set. Pretuned to 1600 on radio dial but easily retuned. With 12BE6 and 35W4 tubes, phono jack, 2 feet of antenna, schematic and line cord. Completely wired. Chassis size: 4x2". For 110-125V AC/OC operation. Shpg. wt., 2 lbs.

PK-25 Net 4.50

STEREO RUMBLE FILTER

Filters out turntable vibration and rumble—makes every low-priced turntable and changer quiet and rumble-free. Designed for use with ceramic or magnetic cartridges. 3-position selector switch—ceramic, magnetic cartridge, off. Just plug it in between cartridge and amplifier inputs. Overall size: 5x2½x¾". Shpg. wt., 14 oz. Imported.

PK-444 Stereo Rumbler Filter Net 2.49



STEREO PHASER SELECTOR

This specially designed switch offers a simple and smooth method for changing over from monaural to stereo operation or to "rephase" the speakers if they should happen to be in electrical opposition. In monaural operation the monaural signal is fed to two amplifiers and two speaker systems; in stereo operation each of the two channels is fed to its own amplifier and speaker. Has polished brass embossed plate for mounting on speaker enclosure or Hi-Fi panel. All hardware and instructions are included. Shpg. wt., 10 oz.

PK-228 Net 1.03



RCA PHONO SWITCH



TYPE 240X1. Used to operate record player through radio without a phono input. Complete with shielded 15" cable, plug, jack and instructions. Shpg. wt., 1 lb.

PK-453 RCA-240X1 Radio Phono Switch Net 1.96

PHONO ACCESSORIES—Recording Discs • Repair Parts

FAMOUS DIAMOND STEREO CARTRIDGES INSTALLED IN PLUG-IN HEADS



PICKERING U38AT EMPIRE 880 SHURE M3D

• FREE INSTALLATION • FREE HEADS

Cartridges are all complete with .7 mil diamond stylus, and are installed in plug-in head to fit changers listed. You pay only for the cartridge, plug-in head and installation are free. Shpg. wt., 5 oz.

| FOR GARRARD CHANGERS | | | |
|----------------------|-----------------|-------------|-------|
| STOCK NO. | CARTRIDGE | FITS MODELS | NET |
| PK-639L | EMPIRE 880 | A, 210, 4HF | 42.50 |
| PK-640L | EMPIRE 880 | AT6, AUTO P | 42.50 |
| PK-641L | PICKERING-U38AT | A, 210 | 46.50 |
| PK-642L | PICKERING-U38AT | AT6, AUTO P | 46.50 |
| PK-496L | SHURE M3D | A, 210, 4HF | 44.10 |
| PK-582L | SHURE M3D | AT6, AUTO P | 44.10 |

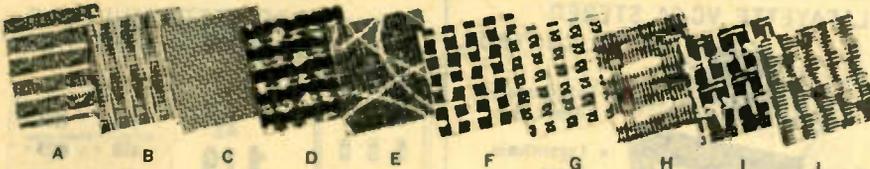
| FOR UNITED AUDIO | | | |
|------------------|-----------------|-------------|-------|
| STOCK NO. | CARTRIDGE | FITS MODELS | NET |
| PK-646L | EMPIRE 880 | DUAL 1006 | 42.50 |
| PK-647L | PICKERING U38AT | DUAL 1006 | 46.50 |
| PK-648L | SHURE M3D | DUAL 1006 | 44.10 |

| FOR MIRACORO | | | |
|--------------|-----------------|-----------------|-------|
| STOCK NO. | CARTRIDGE | FITS MODELS | NET |
| PK-649L | EMPIRE 380 | PW-10, STUDIO H | 42.50 |
| PK-650L | PICKERING U38AT | PW-10, STUDIO H | 46.50 |
| PK-651L | SHURE M3D | PW-10, STUDIO H | 44.10 |

| FOR GLASER STEREO | | | |
|-------------------|-----------------|---------------|-------|
| STOCK NO. | CARTRIDGE | FITS MODELS | NET |
| PK-643L | EMPIRE 880 | GS-77T, GS400 | 42.50 |
| PK-644L | PICKERING U38AT | GS-77T, GS400 | 46.50 |
| PK-645L | SHURE M3D | GS-77T, GS400 | 44.10 |

| FOR LESA | | | |
|-----------|-----------------|-------------|-------|
| STOCK NO. | CARTRIDGE | FITS MODELS | NET |
| PK-652L | EMPIRE 880 | CD 2/21 | 42.50 |
| PK-653L | PICKERING U38AT | CD 2/21 | 46.50 |
| PK-654L | SHURE M3D | CD 2/21 | 44.10 |
| PK-655L | EMPIRE 880 | CD 3/31 | 42.50 |
| PK-656L | PICKERING U38AT | CD 3/31 | 46.50 |
| PK-657L | SHURE M3D | CD 3/31 | 44.10 |

QUALITY GRILLE CLOTHS FOR HI-FI INSTALLATIONS



Choice selection of latest patterns and beautiful decorator colors. Made of finest quality vinyl plastic, woven with proper mesh for passage of high frequencies as well as low. Shpg. wt., (36"x36") 8 oz., (18"x24") 5 oz.

FREE SAMPLE SWATCHES

Supplied free. Just specify stock number below for assortment.

| Description | 36x36 | 18x24 |
|--|--------------|------------|
| Mahogany background with gold stripe | A SG-10 2.39 | SG-22 1.25 |
| Blonde background with mahogany stripe | A SG-11 2.39 | SG-23 1.25 |
| Fine gold mesh | C SG-12 2.39 | SG-24 1.25 |
| Ebony background with silver motif | D SG-29 3.75 | SG-30 1.25 |
| Black background with gold cobweb | E SG-13 3.75 | SG-25 1.25 |
| Mahogany background with gold cobweb | E SG-14 3.75 | SG-26 1.25 |
| Walnut background with gold stripe | A SG-21 3.75 | SG-27 1.25 |

CANE GRILL CLOTHS

| Description | Wal., Frtwd., Blind | SG No. | Price | SG No. | Price |
|---|---------------------|--------|-------|--------|-------|
| Brown background with natural cane crisscross lattice | F | SG-18 | 2.85 | SG-20 | 1.25 |
| Brown background with natural cane crossed by Gold flecked white stripe | F | SG-18 | 2.85 | SG-20 | 1.25 |
| Dark walnut background with natural tone cane interwoven with gold | G | SG-17 | 3.75 | SG-19 | 1.25 |
| Brown background with natural tone cane crossed by alternate bronze and silver | H | SG-31 | 3.75 | SG-32 | 1.25 |
| Walnut background with natural tone cane interwoven with fine gold ribbon and faint brown diamond pattern | I | SG-33 | 3.75 | SG-34 | 1.25 |
| | J | SG-35 | 3.75 | SG-36 | 1.25 |

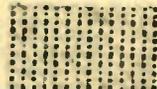
ORNAMENTAL METAL GRILLES



Heavy metal perforated grille, beautifully "brushed brass" plated and lacquered with gold finish effect. For use over cloth or screening in custom built radios, P. A. Speakers and juke boxes.

| | |
|-------------------------------------|----------|
| ML-22 Size 12x18" Shpg. wt., 2 lbs. | Net 1.76 |
| ML-23 Size 18x24" Shpg. wt., 3 lbs. | Net 3.23 |

PANDAMUS CLOTH GRILLE



A highly attractive natural color straw fabric grille cloth that is ideal for many types of decor. 27" wide. Supplied only in 1 yd. lengths. Shpg. wt., 8 oz. \$6-16 Net per yard 1.55

176 CLARKSTAN NEEDLE FORCE GAUGE



Checks weight of pickup arm from one gram to 4 ounces. Has 2 scales, plus calibrated dial with 4:1 scale multiplier. Shpg. wt., 1 lb. Net 1.76

WEATHERS STYLUS FORCE GAUGE



Provides a simple, accurate measurement of phonograph pickup force. All metal construction and it contains no spring. Shpg. wt., 1 lb. GR-325 WEATHERS P-675 Net 2.00



LAFAYETTE SPECIAL VALUE STYLUS PRESSURE GAUGE

With the advent of stereo records, correct stylus pressure becomes all important in obtaining the best reproduction and least stylus and record wear. Lafayette's stylus pressure gauge is an accurate device that allows you to read with the pickup in normal playing position. Range, 0-30 gm. No spring and minimum moving parts. Shpg. wt., 1 lb. Imported Net .99

RECORD GRIP MATS



These record grip mats prevent slippage and surface-rubbing of records stacked in the changer. Just place them between records on spindle. Prolongs record life. Shpg. wt., 4 oz. per pkg. PK-257 Pkg. of 5 mats Net .59

RECORDISC RECORDING BLANKS



Blue label; bond base for home use; purple label: aluminum base, general purpose; red label: heavy aluminum, professional; "GM" label: heavy aluminum, wide range. Red label and GM label are .021" thick, purple label, .012". All double faced. Orange is 6 to a pkg., all others 5. Avg. shpg. wt., 8 oz.

| Stock No. | Size Ins. | Label | Wt. Pkg. | Net Ea. | Per Pkg. |
|-----------|-----------|--------|-----------|---------|----------|
| PR-17 | 6 1/2" | BLUE | 1/2 LB. | .17 | .90 |
| PR-22 | 6 1/2" | PURPLE | 1/2 LB. | .23 | 1.05 |
| PR-23 | 8" | PURPLE | 3/4 LB. | .33 | 1.50 |
| PR-24 | 10" | PURPLE | 1 LB. | .46 | 2.10 |
| PR-18 | 6 1/2" | RED | 1/2 LB. | .30 | 1.35 |
| PR-19 | 8" | RED | 3/4 LB. | .40 | 1.80 |
| PR-20 | 10" | RED | 1 LB. | .59 | 2.70 |
| PR-21 | 12" | RED | 2 1/2 LB. | .73 | 3.30 |
| PR-25 | 8" | GM | 3/4 LB. | .53 | 2.40 |
| PR-26 | 10" | GM | 1 LB. | .66 | 3.00 |
| PR-27 | 12" | GM | 2 1/2 LB. | .83 | 3.75 |



AUDIODISCS PROFESSIONAL RECORDING BLANKS

The highest quality recording discs on heavy aluminum base, smoothly coated on both sides. Use Red Label for professional recording; Yellow Label for general studio and school work; Blue Label is .027" base for home recording. All Red and Yellow Labels are .050" base except * are .040.

| Stock No. | Size Ins. | Label | Wt. Pkg. | Std. Singly | Net Each Pkg. |
|-----------|-----------|--------|----------|-------------|---------------|
| PR-63 | 7 | RED | 5 OZ. | 25 | .91 .82 |
| PR-64 | 8 | RED | 5 OZ. | 25 | .72 .65 |
| PR-65 | 10 | RED | 6 OZ. | 25 | 1.01 .91 |
| PR-66 | 12 | RED | 9 OZ. | 25 | 1.67 1.50 |
| PR-67 | 16 | RED | 1 LB. | 25 | 3.01 2.70 |
| PR-68 | 8 | YELLOW | 5 OZ. | 25 | .61 .55 |
| PR-69 | 10 | YELLOW | 6 OZ. | 25 | .81 .72 |
| PR-70 | 12 | YELLOW | 9 OZ. | 25 | 1.30 1.18 |
| PR-71 | 16 | YELLOW | 1 LB. | 25 | 2.42 2.18 |
| PR-72 | 6 1/2 | BLUE | 3 OZ. | 50 | .32 .29 |
| PR-73 | 8 | BLUE | 4 OZ. | 50 | .46 .41 |
| PR-74 | 10 | BLUE | 5 OZ. | 50 | .66 .59 |

AUDIO POINT CUTTING NEEDLES

All have .003" tip except microgroove types have .0005" High quality for professional as well as amateur use. All have 87° included angle. Shpg. wt., 2 oz.

| Stock No. | Mfr. No. | Description | NET |
|-----------|----------|---------------------------------|------|
| PR-75 | 14-S | Short dual shank, sapphire tip | 4.85 |
| PR-76 | 20-S | As above for microgroove | 4.85 |
| PR-77 | 14-L | Long dual shank, sapphire tip | 4.85 |
| PR-78 | 20-L | As above for microgroove | 4.85 |
| PR-79 | 34-S | Short brass shank, stellite tip | 1.47 |
| PR-80 | 34-L | Long brass shank, stellite tip | 1.47 |

FLEXICONE KIT



• REDUCES SPEAKER CONE RESONANCE

Thoroughly tested and approved, Flexicone will improve your speaker sound quality and frequency response by softening the outer edges of the speaker cone thereby reducing the cone resonance from 10 to 40 cps. Easily applied in just 15 minutes. One three-bottle kit contains enough material for four 8" speakers. Complete with instructions. Shpg. wt., 8 oz. MS-571 Net 1.76



CHUCK-TYPE REPLACEMENT NEEDLES

Designed to fit most monograph cartridges with screw type "chuck". Economy priced. Shanks are offset to provide spring action. Points are 2 mil for use with 33 1/3, 45 and 78 RPM records. Shanks designed for easy positioning in chuck. Type A has hard osmium tip and is packaged on individual cards. Type B has synthetic ruby tip and is packaged in individual plastic case.

| OSMIUM NEEDLE (A) | PK-21 Single, ea. | .29 | Lots of 10, ea. | .26 |
|-------------------|-------------------|-----|-----------------|-----|
| RUBY NEEDLE (B) | PK-14 Single, ea. | .69 | Lots of 3, ea. | .59 |

LAFAYETTE VALUES T&L PADS FADERS-MIXERS-SWITCHES

STEREO LEVEL BALANCE CONTROL

- Dual Concentric 8 ohm L Pads
- Logarithmic Curve

289



Provides individual level control for stereo speakers. Varies "brilliance" or "presence" Controls stereo extensions without mismatching. Dual control mounted on concentric shaft. Gold-finished brass plate and attractive black knobs with gold trimming. L pad for 8 ohm circuits. Plate is 2 1/4" across; overall depth 3 1/4". Shpg. wt., 10 oz. Imported
VC-55 Level Control Net 2.89

DELUXE STEREO LEVEL BALANCE CONTROL

- Dual Concentric 8 ohm L Pad
- Logarithmic Curve

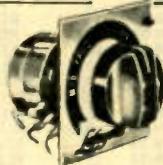
395



Two phono jacks enable you to plug in extension or monitoring speakers from the front. Screw terminals in the rear provide for a simple, permanent hookup. Control mounted on concentric shaft. Brushed brass plate with attractive black with gold-trim knobs. Concentric 8 ohm L pads. Use it to control volume on a second set of speakers. Plate is 4 1/2 x 2 3/4"; 4 from front of knob to plate 1"; Overall depths 3 3/8". Shpg. wt., 1 lb. Imported
VC-56 Deluxe Level Control Net 3.95

LAFAYETTE L PADS

139



New L pads for use as "brilliance" controls to vary tweeter level, or as "presence" controls to vary mid-range speaker level. Both wirewound elements are concentrically mounted within one plastic housing. With gold-finished metal escutcheon plate, mtg screws, and attractive black knob. Size: 1 1/4" dia., 7/8" deep (less shaft), 2 1/2" deep overall. Shpg. wt., 6 oz. Imported
VC-49—L pad for 8 ohm circuits Net 1.39
VC-50—L pad for 16 ohm circuits Net 1.39

LAFAYETTE T-PADS

385



T Pads (D). Constant impedance control to adjust speaker volume. With brass satin plate for wall mounting. With all parts and instructions. Shpg. wt., 10 oz.
VC-51 8 ohm T Pad Imported Net 3.85
VC-52 16 ohm T Pad Imported Net 3.85

LAFAYETTE REMOTE SPEAKER FADERS

AS LOW AS

.69



Remote Speaker Fader (E). Provides adjustable volume level for Radio, TV, Hi-Fi and remote speaker. Gradually increases volume on one speaker while diminishing volume on the other. May also be used to adjust volume for 1 speaker. Gold plate for front panel mounting. With instructions. Shpg. wt., 6 oz. Imported
VC-53 Net .69
 Remote Speaker Fader (G). Same as VC-53 except for wall mounting. Shpg. wt., 6 oz. Imported
VC-54 Net .89

LAFAYETTE MINIATURE HI-FI AUDIO MIXERS

159

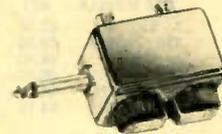


With this handy, small mixer you can announce titles before playing records, mix two high impedance microphone inputs or perform any other mixing operation where 2 high impedance input channels are converted to a single mixed high impedance input channel. Each input channel has its own easy acting level control for quiet mixing; all mounting in shielded, chrome plated housing. Has momentary switch to protect speaker while inserting into system. Has 2 RCA type female input jacks and one male RCA plug on output side. Overall size 2 3/4 x 1 3/4 x 7/8". Shpg. wt., 1/2 lb. Imported
PK-239 AUDIO MIXER Net 1.59

AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Phone Plug. Size 3 1/4 x 1 3/8 x 1 1/2" overall. Imported
PK-242 Net 1.59

AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Female Mike Connector. Inputs consist of 2 Male Mike Connectors. Size 2 3/4 x 1 3/4 x 7/8" overall. Imported
PK-243 Net 1.59

159



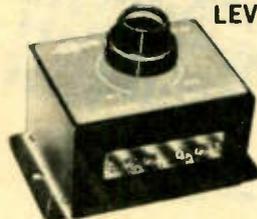
159



LAFAYETTE VC-64 STEREO LEVEL CONTROL

- Dual Concentric 8-Ohm L Pads
- Logarithmic Curve

398



Two precision 8-ohm level controls concentrically mounted for stereo in one compact unit. Ideal for controlling individual volume control of stereo extension speakers without fear of mismatch or affecting volume of main speakers. Also may be used to vary "brilliance" or "presence". Output and input screw terminals for each channel provide for simple permanent hookup. Handsome cream finish with gold panel plate. Overall size including knobs: 3 3/8" H x 4 1/2" W x 2 3/4" D. Shpg. wt. 1 1/2 lbs. Imported
VC-64 Net 3.98

STEREO SELECTOR SWITCHES

(Fig. A) (Fig. B)

- PERMITS REMOTE SELECTION OF ANY 3 PAIRS OF SPEAKERS

(Fig. A) A constant impedance speaker selector switch for multiple-speaker Stereo Hi-Fi. Selects 3 sets of speakers in any combination, with up to 60 watts of audio power. Mounted on an attractive, gold-finished, steel, electric outlet plate. 2 3/4 x 4 1/2". Shpg. wt., 1 lb. Imported.
MS-765 Stereo Speaker Selector Switch Net 1.59
 (Fig. B) As above in enclosed case 2" H x 4" W x 3" D.
MS-919 Net 2.10

VOLUME CONTROL ADAPTER STEREO LINE BALANCE

.98

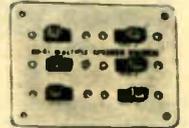
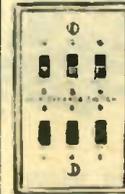
Built-in volume control circuit permits high volume signals to be fed into the high gain input of tape recorders without overloading. Phono jack input to phono plug output. Completely shielded. Designed for use in unbalanced stereo channels; use in pairs for dual stereo channel control. Shpg. wt., 6 oz.
MS-770 Imported Net .98

VOLUME CONTROL ADAPTER—Same as MS-770 above except has phono jack input to a 2-conductor standard phone plug output. Shpg. wt., 6 oz. Imported
MS-769 Net 1.10



LAFAYETTE MULTIPLE 6 SPEAKER SWITCHES

(A) AS LOW AS **119** (H)



Multiple Speaker Switch (A). Constant impedance device for controlling any 6 remote speakers; up to 63 different combinations. Wall mounting with brass plate. Shpg. wt., 10 oz. With instructions and hardware
MS-459 Imported Net 2.10

Multiple Speaker Switch (H). Identical to above but mounted on flat, gold-embossed plate for mounting on flat panel. 3 1/2 x 2 3/8". Shpg. wt., 10 oz. Imported
MS-544 Net 1.19

LAFAYETTE 3-SPEAKER SELECTOR SWITCHES



(Fig. B) Selects any one of 3, or any combination of 2 or 3 speakers with up to 60 watts of audio power. A constant impedance device. On gold finished steel electric outlet plate with black and ivory knob. 2 3/4 x 4 1/2". Shpg. wt., 1 lb. Imported
MS-458 Net 1.39
 (Fig. C) Same as above in enclosed case 3 1/4 x 4 1/2 x 2 1/4".
MS-567 Imported Net 1.89

LAFAYETTE REMOTE SPEAKER SWITCHES

(C)



.69

Remote Speaker Switch (C). Connects remote speaker to any existing set. Turns both on or either speaker on or off. With gold embossed plate for front panel mounting. Shpg. wt., 6 oz. Imported
MS-469 With all parts and instructions Net .69

Remote Speaker Switch (F). Same as MS-469, except for wall mounting. Shpg. wt., 6 oz. Imported
MS-470 Net .89

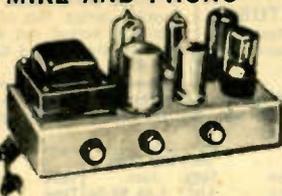


.89

HI-FI INSTALLATION, AUDIO AND PHONO ACCESSORIES

5 WATT MIKE AND PHONO AMPLIFIER

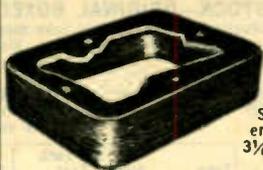
INPUTS FOR MAGNETIC CARTRIDGES OR MICROPHONE AND CRYSTAL CARTRIDGE



A compact 5 watt 4 tube amplifier for low powered PA, paging, and phono systems. Has 2 inputs, one for crystal cartridges and a dual input for either microphone or variable reluctance and magnetic cartridges. Has separate gain controls for each input. Compensated tone control with on-off switch is effective on both inputs. Output impedance is 3.2 ohms. Supplied complete with tubes: 2-6J6, 6AQ5 and 6X4 rectifier. For 110V AC operation only. Size: 9 1/2" L x 4 1/2" H x 4 1/2" D. Shpg. wt., 10 lbs. PA-7 Net 16.50

CHANGER BASES AS LOW AS

3.95



Wood base cut to fit all popular changers. Size varies with changer. Largest is 16 1/2" x 14 1/2" x 3 1/2". Shpg. wt., 5 lbs.

| For Use With | Mah. | Blonde | Net | Wal. | Net |
|------------------------------|---------|---------|------|---------|------|
| Garrard A, 88/11, RC88, RC98 | PK-356W | PK-357W | 3.95 | PK-358W | 4.50 |
| Garrard AT6, Autoslim, 210 | PK-362W | PK-363W | 3.95 | PK-364W | 4.50 |
| Glaser-Steers GS-77T, GS-400 | PK-462W | PK-463W | 3.95 | PK-464W | 4.50 |



RECORD CHANGER MOUNTING BOARDS

Strong, durable 3/4" plywood, smoothly sanded and cut out for changers listed below. Unfinished. Shpg. wt., 1 lb. Size 15-7/8 x 15-7/8"
 PK-380W For Garrard A, RC88, RC98 Net 1.10
 PK-382W For Garrard AT6, Autoslim 210 Net 1.10
 PK-465W For Glaser-Steers GS-77T GS-400 Net 1.10

BALL BEARING HEAVY DUTY SLIDES



Drawer slides made of 16 gauge steel. Supports 50 lbs. Ball bearing, double-extension type, drawer slides. Length 15" travel length 11", extended 22". Shpg. wt., 5 lbs.
 ML-34 per pair Net 1.75
 SHORT TYPE. Same construction as above but 13" long; travels 9"; extends to 22".
 ML-113 per pair Net 1.50

DELVAN RECORD CLEANER KIT



Keep your records free from dirt and dust that give your records those annoying pops and reduce record life. One application keeps records static free for months. Velvet type pad gets into the grooves. With needle brush. Shpg. wt., 10 ozs. PK-193 Net .79

LEKTROSTAT RECORD CLEANING KIT



Clean your valuable records the professional way with the Lekrostat method. Kit contains a non-gumming anti-static detergent in polythylene bottle. Squeeze to apply for complete elimination of static in the record grooves. Also included is an applicator made of soft yet firm velvet, contained in a novel plastic pouch. Shpg. wt., 10 oz. PK-249 Net 1.96

LAFAYETTE RECORD CLEANING KIT



1.29

SPECIAL SALE

Deep clean your records the modern way. Specially prepared detergent anti-static record cleaning fluid protects your valuable records as it cleans. Just a few drops on new velvet-foam rubber applicator mitt will give your records a professional cleaning job. Supplied with anti-static fluid, velvet applicator mitt and polyurethane pad. Shpg. wt., 10 oz. PK-508 Net 1.29

STATI-CLEAN



Sprays a fine mist which keeps your record clear of surface noise created by static (common to all vinyl records) and clean of dust attracted by the static charge. Prevents groove and needle wear caused by static-dust and keeps records lustrous. Extends their life. Two applications a year is sufficient. Enough for hundreds of records. Shpg. wt., 8 oz. PK-105 Net .88

LEVEL AND LEVELING SCREWS

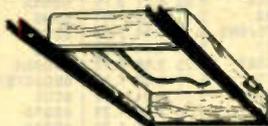


1.76

Precision, circular level indicator and 4 adjustable felt tipped leveling screws and T nuts. Provides quick adjustment for exact leveling of turntable. Easy to install, screws mount under base, level on top. Shpg. wt., 6 oz. PK-273 Net 1.76

SLIDE-OUT DRAWER FOR RECORD CHANGERS

6.95



Designed for custom installations of record changers in bookcases, cabinets, tables, etc. Made of durable plywood and equipped with heavy duty steel slides which operate smoothly and quietly on ball-bearings. Slides extend drawer up to 10 1/4" beyond edge of cabinet. Supplied with uncut blank top. Unfinished wood permits your painting to suit your own decor. Size 16x16x3 1/2". Shpg. wt., 8 lbs. PK-47W Net 6.95

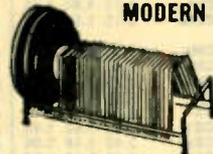
SPEAKER REDUCING BOARDS



Enables mounting of smaller speakers in oversize enclosures. Boards are sturdy 3/4" plywood, precut to exact size. All mounting holes are drilled. Brown stained.
 SB-18 Adapts 8" speaker to 12" speaker cabinet or baffle. Wt., 1 lb. Net .89
 SB-19 Adapts 12" speaker to 15" speaker cabinet or baffle. Wt., 1 1/2 lbs. Net 1.25

FOUNTAIN PEN BRUSH. New unit with brush in a fountain pen case. Fine camel hair brush recedes inside the body for protection. Use it to clean stylus, records, camera lens and other fine instruments. Shpg. wt., 4 oz. Imported. PK-229 Net .89

MODERN RECORD RACK



1.79

Attractive, brass plated rack carries 60 records of all sizes. Spring steel separators numbered 1 to 60. Heavy carrying handle. Rubber tipped feet. Size 17Lx5 1/2"Hx7"D. Shpg. wt., 4 lbs. PK-227 Net 1.79

STOR-A-DOOR RECORD RACK



- Hangs On Wall Or Door
- Stores Up to 60 Records
- Records Easily Accessible

Conveniently store your precious records in this sturdy aluminum record rack where they can be easily reached when needed, yet out of the reach of children. Rack hangs on wall or door without taking up floor space. Stores up to 60 records in their jackets, as record manufacturers recommend. Handsomely designed to fit any decor. Permits jackets to be displayed for their decorative effect. Bright aluminum finish. Dimensions: 16Wx40Lx3 1/2"D. Shpg. wt., 3 lbs. ML-261 Net 5.25

2 TUBE AMPLIFIER WITH TUBES

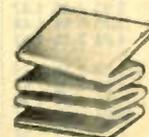
(Fig. A) Uses a 50L6 and 35Z5 rectifier tube. Has volume control with switch and tone control. Chassis size: 2 1/2" x 3 1/2". For 110 125V, AC or DC. With cord and plug, tubes, diagram but less output transformer. Shpg. wt., 3 lbs. PK-24 Net 4.50

THREE TUBE AC-DC PHONO AMPLIFIER

(Fig. B) Equipped with a variable tone control and a separate volume control with off position. Delivers up to two watts output. Phonograph motor connects to the amplifier. Uses 3 tubes: 12AV6, 50C5, and 35W4 rectifier. For 110-125V AC or DC. 2 1/8" x 4 1/2" steel chassis. With cord and plug, schematic, but less tubes and output transformer. Shpg. wt., 2 lbs. PK-23 Net 2.95

(Fig. C) OUTPUT TRANSFORMER matches output tube to 3-4 ohm voice coil. Shpg. wt., 1/2 lb. TR-10 Singly ea. .49 In lots of 5 ea. .45

FIBRE GLASS INSULATION



Excellent sound absorbing material. For lining interiors of speaker cabinets, consoles, phonos, TV's, etc. Damps medium and high frequency reverberation and distortion. Suitable for many other installation purposes. 9 sq. ft., 1" thick with glue and applicator. Shpg. wt., 1 lb. SB-40 Net 1.49

DELUXE BASS REFLEX KIT: 20 square feet. 16x16x1". Bonded fibre-glass. Shpg. wt., 2 lbs. SB-55 Net 2.70

TUFFLEX INSULATION



Sound absorbing insulating material. Excellent for use in lining speaker cabinets, radio-phonograph consoles, etc. 1/2" thick. 11" width only. 7-ft. Is the minimum length sold. SB-28 7 ft. Net 1.00 Longer lengths per foot Net .14

1" TUFFLEX. Double the thickness of above. Supplied only in 12x18" sheets. SB-29 Per Sheet Net .39



RECEIVING TUBES

Authorized Distributors

BRAND NEW—FRESH STOCK—ORIGINAL BOXED TUBES
 All tubes are brand new, individually boxed in original tube manufacturer's jobber cartons—just as they came from the tube factory. We stock the leading brands—RCA, GE, and Sylvania.

12 MONTH GUARANTEE

All receiving tubes are guaranteed for 12 months from date of purchase. We will replace any tube that does not give efficient performance for a full 12 months' period. This of course does not apply to burned out or broken tubes. Average shpg. wt., 4 oz., per 10 tubes, 2 1/4 lbs.

Overseas sellers in U.S. possessions and foreign countries (except Canada), write for special export tube price list.

REPLACED TYPES: When the original type is no longer available we will ship the newer, directly interchangeable version.

| Tube Type | Mfr. Sugg. List* | Net Each 1-49 | Ass't. 50-UP | Tube Type | Mfr. Sugg. List* | Net Each 1-49 | Ass't. 50-UP | Tube Type | Mfr. Sugg. List* | Net Each 1-49 | Ass't. 50-UP | Tube Type | Mfr. Sugg. List* | Net Each 1-49 | Ass't. 50-UP | Tube Type | Mfr. Sugg. List* | Net Each 1-49 | Ass't. 50-UP |
|-------------|------------------|---------------|--------------|------------|------------------|---------------|--------------|-----------|------------------|---------------|--------------|-----------|------------------|---------------|--------------|-----------|------------------|---------------|--------------|
| 0Z4 | 2.40 | 1.18 | 1.06 | 3D6 | 9.75 | 4.78 | 4.29 | 5V6GT | 2.20 | 1.08 | .97 | 6B17 | 3.15 | 1.54 | 1.39 | 6DK6 | 2.35 | 1.15 | 1.03 |
| 0Z4A | 2.15 | 1.05 | .94 | 3DC4 | 3.40 | 1.66 | 1.49 | 5X4C | 3.35 | 1.64 | 1.48 | 6B18 | 3.50 | 1.71 | 1.55 | 6DM6 | 7.45 | 3.65 | 3.29 |
| 0Z4B | 2.60 | 1.27 | 1.14 | 3DK6 | 2.40 | 1.18 | 1.06 | 5X8 | 3.30 | 1.62 | 1.46 | 6BK4 | 8.00 | 3.92 | 3.53 | 6DN7 | 2.50 | 1.17 | 1.05 |
| 1A3 | 4.95 | 2.43 | 2.18 | 3DT6A | 2.20 | 1.08 | .97 | 5Y3GT | 1.75 | .86 | .77 | 6BK5 | 3.70 | 1.81 | 1.63 | 6DQ4 | 3.65 | 1.30 | 1.17 |
| 1A5GT | 4.25 | 2.08 | 1.87 | 3EAS | 2.85 | 1.40 | 1.26 | 5Y4GA | 2.55 | 1.25 | 1.17 | 6BK7B | 3.40 | 1.66 | 1.49 | 6DQ5 | 4.70 | 2.37 | 2.39 |
| 1A7GT | 5.75 | 2.82 | 2.53 | 3ER5 | 3.50 | 1.71 | 1.55 | 5Y4GT | 2.65 | 1.30 | 1.17 | 6BL4 | 8.45 | 4.14 | 3.73 | 6DQ6B | 4.15 | 2.03 | 1.83 |
| 1A8 | 5.30 | 2.62 | 2.33 | 3GK5 | 2.65 | 1.30 | 1.17 | 5Z3 | 3.30 | 1.62 | 1.46 | 6BL7GTA | 3.95 | 1.93 | 1.74 | 6DRT | 3.40 | 1.66 | 1.49 |
| 1A9 | 3.25 | 1.59 | 1.43 | 3GS8/3BU8 | 2.85 | 1.40 | 1.26 | 5Z4 | 8.35 | 4.09 | 3.68 | 6BL8 | 3.95 | 1.93 | 1.74 | 6DSE | 4.45 | 2.03 | 1.83 |
| 1AU3 | 3.05 | 1.49 | 1.34 | 3LF4 | 6.40 | 3.14 | 2.83 | 6A7 | 8.50 | 4.17 | 3.75 | 6BM8 | 3.05 | 1.49 | 1.34 | 6DSS | 3.20 | 1.57 | 1.41 |
| 1AX2 | 2.90 | 1.42 | 1.28 | 3Q4 | 3.55 | 1.74 | 1.57 | 6A8 | 6.85 | 3.36 | 3.02 | 6BN4 | 2.50 | 1.22 | 1.11 | 6DTS | 3.25 | 1.59 | 1.43 |
| 1B3GT | 2.90 | 1.42 | 1.28 | 3Q5GT | 5.65 | 2.77 | 2.49 | 6A8GT | 8.60 | 4.21 | 3.79 | 6BN4A | 2.50 | 1.22 | 1.11 | 6DTE | 2.15 | 1.05 | .94 |
| 1C5GT | 5.30 | 2.60 | 2.33 | 3S4 | 2.65 | 1.30 | 1.17 | 6AB4 | 2.15 | 1.05 | .94 | 6BN6 | 2.95 | 1.44 | 1.30 | 6DT6A | 2.15 | 1.05 | .94 |
| 1C5N5 | 3.65 | 1.79 | 1.61 | 3V4 | 2.50 | 1.22 | 1.11 | 6AB5/6N5 | 8.05 | 3.94 | 3.55 | 6BN8 | 3.05 | 1.49 | 1.34 | 6DTE | 3.80 | 1.86 | 1.67 |
| 1G3GT/1B3GT | 2.90 | 1.42 | 1.28 | 4AUG | 2.15 | 1.05 | .94 | 6AB7 | 8.25 | 4.04 | 3.64 | 6BQ5 | 2.35 | 1.15 | 1.03 | 6DWA | 3.70 | 1.81 | 1.63 |
| 1H2 | 3.05 | 1.49 | 1.34 | 4AV6 | 1.70 | .83 | .75 | 6AC5GT | 6.25 | 3.06 | 2.75 | 6BQ6GA | 4.35 | 2.13 | 1.92 | 6DWS | 4.05 | 1.98 | 1.78 |
| 1H2GT | 4.15 | 2.03 | 1.83 | 4BC5 | 2.35 | 1.15 | 1.03 | 6AC7 | 5.10 | 2.50 | 2.24 | 6BQ6GTB/ | 3.50 | 1.71 | 1.55 | 6DWS | 3.10 | 1.52 | 1.37 |
| 1I3 | 2.90 | 1.42 | 1.28 | 4BC8 | 4.05 | 1.98 | 1.78 | 6AD7G | 9.40 | 4.61 | 4.15 | 6CUE | 4.35 | 2.13 | 1.92 | 6DXT | 8.45 | 4.14 | 3.73 |
| 1K3 | 2.90 | 1.42 | 1.28 | 4BL8/XCF80 | 2.55 | 1.25 | 1.12 | 6AF3 | 2.90 | 1.42 | 1.28 | 6BQ7A | 3.95 | 1.93 | 1.74 | 6SE5 | 4.45 | 2.18 | 1.96 |
| 1L4 | 2.65 | 1.30 | 1.17 | 4BN6 | 3.05 | 1.49 | 1.34 | 6AF4A | 4.00 | 1.96 | 1.76 | 6B8A | 3.65 | 1.79 | 1.61 | 6EA5 | 2.80 | 1.37 | 1.23 |
| 1L6 | 6.80 | 3.33 | 3.00 | 4BQ7A | 4.00 | 1.96 | 1.76 | 6AF6G | 6.20 | 3.04 | 2.74 | 6BS8 | 3.75 | 1.84 | 1.66 | 6EA7 | 3.45 | 1.69 | 1.52 |
| 1LA4 | 8.45 | 4.14 | 3.73 | 4BS8 | 3.85 | 1.89 | 1.70 | 6AG5 | 2.75 | 1.35 | 1.21 | 6BU8 | 2.80 | 1.37 | 1.23 | 6EAB | 3.20 | 1.57 | 1.41 |
| 1LB6 | 6.20 | 3.04 | 2.78 | 4BU8 | 2.85 | 1.40 | 1.26 | 6AG7 | 5.90 | 2.89 | 2.60 | 6BV8 | 3.15 | 1.54 | 1.39 | 6EB5 | 4.90 | 2.40 | 2.16 |
| 1LB8 | 8.65 | 4.24 | 3.82 | 4BZ6 | 2.35 | 1.10 | .99 | 6AH4GT | 3.45 | 1.69 | 1.52 | 6BW4 | 2.90 | 1.42 | 1.28 | 6EB8 | 4.00 | 1.96 | 1.76 |
| 1LC5 | 6.25 | 3.06 | 2.75 | 4BZ7 | 4.05 | 1.98 | 1.78 | 6AH6 | 4.70 | 2.30 | 2.07 | 6BW8 | 3.50 | 1.71 | 1.55 | 6EH5 | 2.90 | 1.42 | 1.28 |
| 1LC6 | 8.30 | 4.07 | 3.66 | 4CB6 | 2.30 | 1.13 | 1.02 | 6AK5 | 4.25 | 2.08 | 1.87 | 6BX7GT | 4.00 | 1.96 | 1.76 | 6EH7 | 3.20 | 1.57 | 1.41 |
| 1L05 | 8.40 | 4.12 | 3.71 | 4CES/4BC5 | 2.35 | 1.15 | 1.03 | 6AL3 | 2.75 | 1.35 | 1.21 | 6BY5GA | 5.10 | 2.50 | 2.24 | 6EH8 | 3.15 | 1.54 | 1.39 |
| 1LE3 | 6.40 | 3.14 | 2.83 | 4CS6 | 2.35 | 1.15 | 1.03 | 6AL5 | 1.85 | .91 | .81 | 6BY6 | 2.50 | 1.22 | 1.11 | 6EJ7 | 3.80 | 1.86 | 1.67 |
| 1L05 | 6.20 | 3.04 | 2.73 | 4CY5 | 2.85 | 1.40 | 1.26 | 6AL7GT | 5.75 | 2.82 | 2.53 | 6BY8 | 2.65 | 1.30 | 1.17 | 6EM5 | 3.40 | 1.66 | 1.49 |
| 1LM4 | 8.05 | 3.94 | 3.55 | 4DE6 | 2.65 | 1.30 | 1.17 | 6AM4 | 5.90 | 2.89 | 2.60 | 6BZ6 | 2.25 | 1.10 | .99 | 6EM7 | 4.65 | 2.27 | 2.05 |
| 1LN5 | 8.15 | 3.99 | 3.59 | 4DT6 | 2.20 | 1.08 | .97 | 6AM8A | 3.45 | 1.69 | 1.52 | 6BZ7 | 4.00 | 1.96 | 1.76 | 6EQ7 | 2.90 | 1.42 | 1.28 |
| 1N2A | 4.65 | 2.27 | 2.05 | 4DT6A | 2.25 | 1.10 | .99 | 6AN4 | 6.55 | 3.20 | 2.88 | 6BZ8 | 4.45 | 2.18 | 1.96 | 6ER5 | 3.50 | 1.71 | 1.55 |
| 1N5GT | 5.20 | 2.55 | 2.30 | 4E7H | 3.80 | 1.86 | 1.67 | 6AN8A | 4.00 | 1.96 | 1.76 | 6C4 | 1.85 | .91 | .81 | 6ES5 | 3.00 | 1.47 | 1.32 |
| 1R4/1294 | 7.75 | 3.80 | 3.42 | 4E7J | 3.80 | 1.86 | 1.67 | 6AQ5A | 2.15 | 1.05 | .94 | 6C5 | 4.25 | 2.08 | 1.87 | 6ES8 | 5.80 | 2.84 | 2.56 |
| 1R5 | 2.70 | 1.32 | 1.19 | 4E8H | 4.60 | 2.25 | 2.03 | 6AQ6 | 6.50 | 3.17 | 2.84 | 6C6 | 8.30 | 4.07 | 3.66 | 6ET7 | 4.25 | 2.08 | 1.87 |
| 1S2A | 2.70 | 1.32 | 1.19 | 4E9E | 2.65 | 1.30 | 1.17 | 6AQ7GT | 4.00 | 1.96 | 1.76 | 6C8C | 5.50 | 4.19 | 3.77 | 6EU7 | 2.60 | 1.27 | 1.14 |
| 1S4 | 4.35 | 2.13 | 1.92 | 4GS8/4BU8 | 2.85 | 1.40 | 1.26 | 6AQ8 | 3.00 | 1.47 | 1.32 | 6C8A | 1.95 | .96 | .86 | 6EUB | 3.00 | 1.62 | 1.46 |
| 1S5 | 2.65 | 1.30 | 1.17 | 5AM8 | 3.55 | 1.74 | 1.57 | 6AR5 | 2.60 | 1.27 | 1.14 | 6CA5 | 3.15 | 1.54 | 1.39 | 6EV5 | 3.00 | 1.47 | 1.32 |
| 1T4 | 2.50 | 1.22 | 1.11 | 5AN8 | 4.00 | 1.96 | 1.76 | 6AR8 | 5.15 | 2.52 | 2.26 | 6CA7 | 5.20 | 2.55 | 2.30 | 6EV7 | 2.50 | 1.22 | 1.11 |
| 1U4 | 2.50 | 1.22 | 1.11 | 5AQ5 | 2.20 | 1.08 | .97 | 6AR11 | 4.25 | 2.08 | 1.87 | 6CB5A | 8.25 | 4.04 | 3.64 | 6EW6 | 2.30 | 1.13 | 1.02 |
| 1U5 | 2.20 | 1.08 | .97 | 5AR4 | 4.50 | 2.20 | 1.99 | 6AS5 | 2.40 | 1.18 | 1.06 | 6CB6A | 2.25 | 1.10 | .99 | 6EW7 | 3.90 | 1.91 | 1.72 |
| 1U6 | 5.95 | 2.91 | 2.62 | 5AS4A | 3.30 | 1.62 | 1.46 | 6AS8 | 3.80 | 1.86 | 1.67 | 6CD6GA | 5.80 | 2.84 | 2.56 | 6EX6 | 7.25 | 3.56 | 3.20 |
| 1V | 5.85 | 2.87 | 2.58 | 5AS8 | 4.15 | 2.03 | 1.83 | 6AS11 | 4.55 | 2.23 | 2.01 | 6CE5 | 2.35 | 1.15 | 1.03 | 6EV6 | 3.40 | 1.66 | 1.49 |
| 1V2 | 2.10 | 1.03 | .93 | 5AT8 | 3.65 | 1.79 | 1.61 | 6AT6 | 1.90 | .93 | .84 | 6CF6 | 2.55 | 1.25 | 1.12 | 6EZ25 | 3.00 | 1.66 | 1.49 |
| 1X2A | 3.05 | 1.49 | 1.34 | 5AU4 | 3.40 | 1.66 | 1.49 | 6AT8A | 3.80 | 1.86 | 1.67 | 6CG7 | 2.45 | 1.20 | 1.08 | 6E28 | 3.80 | 1.86 | 1.67 |
| 1X2B | 3.05 | 1.49 | 1.34 | 5AV8 | 4.05 | 1.98 | 1.78 | 6AU4GTA | 3.60 | 1.76 | 1.58 | 6CG8A | 3.90 | 1.62 | 1.46 | 6F5 | 4.60 | 2.25 | 2.03 |
| 2A3 | 10.50 | 5.15 | 4.64 | 5AW4 | 2.80 | 1.37 | 1.03 | 6AU5GT | 4.30 | 2.11 | 1.90 | 6C8H | 5.20 | 2.55 | 2.30 | 6F5GT | 4.60 | 2.25 | 2.03 |
| 2AF4B | 4.05 | 1.98 | 1.78 | 5AZ4 | 5.65 | 2.77 | 2.49 | 6AUG6A | 2.10 | 1.03 | .93 | 6CK4 | 3.00 | 1.47 | 1.32 | 6F6 | 5.85 | 2.87 | 2.58 |
| 2AH2 | 2.90 | 1.42 | 1.28 | 5B8 | 5.30 | 2.60 | 2.33 | 6AUBA | 3.50 | 1.71 | 1.55 | 6CL5 | 9.00 | 4.70 | 4.23 | 6F6G | 5.85 | 2.87 | 2.58 |
| 2BN4A | 2.55 | 1.25 | 1.12 | 5BC3 | 2.30 | 1.13 | 1.02 | 6AV5GA | 4.00 | 1.96 | 1.76 | 6CL6 | 3.75 | 1.84 | 1.66 | 6F6GT | 5.90 | 2.89 | 2.60 |
| 2CW4 | 4.55 | 2.23 | 2.01 | 5BE8 | 3.30 | 1.62 | 1.46 | 6AV6 | 1.65 | .80 | .72 | 6CL8A | 3.15 | 1.54 | 1.39 | 6F7 | 8.95 | 4.39 | 3.95 |
| 2CY5 | 2.85 | 1.40 | 1.26 | 5BK7A | 3.40 | 1.66 | 1.49 | 6AV11 | 3.60 | 1.76 | 1.58 | 6CM6 | 3.30 | 1.62 | 1.46 | 6F8G | 8.95 | 4.39 | 3.95 |
| 2E5 | 2.10 | 1.03 | .93 | 5BQ7A | 4.00 | 1.96 | 1.76 | 6AW8A | 3.70 | 1.81 | 1.63 | 6CM7 | 3.90 | 1.92 | 1.72 | 6F7 | 2.50 | 1.22 | 1.11 |
| 2E5N5 | 3.50 | 1.71 | 1.55 | 5BR8 | 3.65 | 1.79 | 1.61 | 6AX3 | 2.45 | 1.20 | 1.08 | 6CM8 | 4.25 | 2.08 | 1.87 | 6F07 | 4.65 | 2.27 | 2.05 |
| 2FWS | 3.05 | 1.49 | 1.34 | 5BT8 | 3.30 | 1.62 | 1.46 | 6AX4GTB | 2.65 | 1.30 | 1.17 | 6CM9 | 2.75 | 1.35 | 1.21 | 6F5 | 5.20 | 2.55 | 2.30 |
| 2FQ5A | 4.05 | 1.98 | 1.78 | 5BW8 | 3.40 | 1.66 | 1.49 | 6AX5GT | 2.95 | 1.44 | 1.30 | 6CQ4 | 2.85 | 1.40 | 1.26 | 6F6G | 3.25 | 1.59 | 1.43 |
| 2FS5 | 3.10 | 1.52 | 1.37 | 5CG8 | 3.25 | 1.59 | 1.43 | 6AX8 | 3.70 | 1.81 | 1.63 | 6CQ8 | 3.30 | 1.62 | 1.46 | 6F6GT | 2.75 | 1.35 | 1.21 |
| 2FY5 | 2.80 | 1.37 | 1.23 | 5CL8A | 3.15 | 1.54 | 1.39 | 6AY3 | 2.75 | 1.35 | 1.21 | 6CR6 | 2.40 | 1.18 | 1.06 | 6F7 | 2.55 | 1.25 | 1.12 |
| 2GK5 | 2.65 | 1.30 | 1.17 | 5CM8 | 3.80 | 1.86 | 1.67 | 6AZ8 | 5.75 | 2.71 | 2.44 | 6CS6 | 2.35 | 1.15 | 1.03 | 6F8 | 3.35 | 1.62 | 1.46 |
| 3A2 | 4.85 | 2.38 | 2.14 | 5CQ8 | 3.35 | 1.64 | 1.48 | 6B8 | 7.30 | 3.58 | 3.22 | 6CS7 | 2.95 | 1.44 | 1.30 | 6F9 | 3.00 | 1.62 | 1.46 |
| 3A3 | 3.40 | 1.66 | 1.49 | 5CZ5 | 4.35 | 2.13 | 1.92 | 6B10 | 3.20 | 1.57 | 1.41 | 6CU5 | 2.35 | 1.15 | 1.03 | 6F17 | 3.35 | 1.64 | 1.48 |
| 3AF4A | 4.05 | 1.98 | 1.78 | 5DN8 | 5.10 | 2.50 | 2.24 | 6BA3 | 2.75 | 1.35 | 1.21 | 6CU8 | 4.35 | 2.13 | 1.92 | 6FM8 | 3.00 | 1.47 | 1.32 |
| 3AL5 | 1.85 | .91 | .81 | 5DJ4 | 2.20 | 1.08 | .97 | 6BA6 | 2.00 | .98 | .88 | 6CU8 | 4.15 | 2.03 | 1.83 | 6FQ5 | 4.05 | 1.98 | 1.78 |
| 3AU6 | 2.15 | 1.05 | .94 | 5EA8 | 3.15 | 1.54 | 1.39 | 6BA7 | 5.95 | 2.91 | 2.62 | 6CW4 | 4.45 | 2.18 | 1.96 | 6FQ7 | 2.30 | 1.13 | 1.02 |
| 3AV6 | 1.75 | .86 | .77 | 5ES8 | 5.80 | 2.84 | 2.56 | 6BA8A | 3.85 | 1.89 | 1.70 | 6CW5 | 2.65 | 1.30 | 1.17 | 6F55 | 3.05 | 1. | |

LAFAYETTE BUDGET-PRICED TV PICTURE TUBES

FULL ONE-YEAR GUARANTEE

Every Lafayette picture tube is top quality—made of entirely new materials except the glass, which is tested and inspected to meet new-glass standards.

Net price "with Dud" based on your prepaid shipment or delivery of old picture tube (Dud). Returned tubes must be intact and without scratches. Green glass duds not accepted. When ordering give stock number and type. Tubes which fail in normal use within one year will be replaced with a new tube. *Indicates aluminized screens. †Indicates metal tubes. ††Tube supplied only with dud.

| Size of tube | Avg Shpg Wt | Size of tube | Avg Shpg Wt | Size of tube | Avg Shpg Wt |
|--------------|-------------|--------------|-------------|--------------|-------------|
| 5" | 5 lbs. | 12" | 17 lbs. | 20" | 30 lbs. |
| 7" | 7 lbs. | 14" | 17 lbs. | 21" | 35 lbs. |
| 8" | 8 lbs. | 16" | 22 lbs. | 23" | 40 lbs. |
| 9" | 10 lbs. | 17" | 24 lbs. | 24" | 44 lbs. |
| 10" | 14 lbs. | 19" | 26 lbs. | 27" | 45 lbs. |

The size of the picture tube is determined by the first two digits in the type No.

| Stock No. | Type | NET PRICE | | Stock No. | Type | NET PRICE | |
|-----------|-------------------|-----------|----------|-----------|---------------------|-----------|----------|
| | | Less Dud | With Dud | | | Less Dud | With Dud |
| PT-404X | 10BP4A†† | --- | 7.50 | PT-407X | 17BWP4* | 21.18 | 17.33 |
| PT-405X | 12KP4A* | 10.33 | --- | PT-408X | 17BZP4* | 21.18 | 17.33 |
| PT-350X | 12LP4A | 9.00 | --- | PT-359X | 17CP4† | 16.75 | 15.25 |
| PT-352X | 14C/B/EP4B* | 11.50 | --- | PT-360X | 17GP4/TP4† | 17.65 | 16.00 |
| PT-351X | 14EP4/CP4 | 10.25 | --- | PT-361X | 17HP4/RP4 | 11.33 | --- |
| PT-391X | 14QP4A* | 12.50 | --- | PT-362X | 17HP4B/RP4C | 12.95 | --- |
| PT-393X | 14RP4* | 13.65 | 12.00 | PT-363X | 17LP4/VP4 | 13.10 | 12.00 |
| PT-353X | 16AP4/AP4† | 15.10 | 13.45 | PT-364X | 17LP4A/VP4B* | 15.50 | 14.40 |
| PT-354X | 16GP4† | 13.94 | 13.39 | PT-397X | 17QP4/YP4 | 12.21 | 11.11 |
| PT-355X | 16KP/RP4 | 9.00 | --- | PT-398X | 17QP4A/YP4A* | 13.77 | 12.67 |
| PT-356X | 16KP4A/RP4A/TP4A* | 11.50 | --- | PT-366X | 19AP4A/AP4B† | 17.50 | 16.95 |
| PT-394X | 17AVP4 | 15.00 | 12.80 | PT-367X | 20CP4A/DP4A | 12.50 | 11.40 |
| PT-395X | 17AVP4A* | 17.20 | 15.00 | PT-368X | 20CP4D/DP4C* | 14.43 | 13.33 |
| PT-357X | 17BP4/BP4A | 10.77 | 9.67 | PT-370X | 21ACP4A/AMP4A/BSP4* | 17.70 | 12.75 |
| PT-358X | 17BP4B* | 12.53 | 11.33 | PT-372X | 21ALP4A/B/ATP4A* | 17.40 | 13.00 |
| PT-396X | 17BRP4* | 21.18 | 17.33 | | | | |
| PT-406X | 17BVP4* | 21.18 | 17.33 | | | | |

| Stock No. | Type | NET PRICE | | Stock No. | Type | NET PRICE | |
|-----------|--------------------|-----------|----------|-----------|-------------------------|-----------|----------|
| | | Less Dud | With Dud | | | Less Dud | With Dud |
| PT-369X | 21AP4† | 21.90 | 17.50 | PT-378X | 21FP4A/KP4A | 14.32 | 12.67 |
| PT-373X | 21AU/AVP4 | 16.95 | 12.00 | PT-379X | 21FP/KP4C* | 15.65 | 14.00 |
| PT-374X | 21AU/AVP4B* | 18.95 | 14.00 | PT-402X | 21MP4† | 23.40 | 19.00 |
| PT-400X | 21BT4/BTP4A* | 17.62 | 12.67 | PT-380X | 21WP4 | 17.10 | 13.80 |
| PT-375X | 21CBP4A/B/CMP4* | 21.15 | 16.20 | PT-381X | 21WP4A* | 17.55 | 14.25 |
| PT-409X | 21CEP4/DFP4* | 21.33 | 17.33 | PT-382X | 21YP4 | 17.62 | 12.67 |
| PT-410X | 21CQP4* | 21.73 | 17.33 | PT-383X | 21YP4A* | 18.95 | 14.00 |
| PT-401X | 21DEP4/DAP4/CMP4A* | 21.33 | 17.33 | PT-384X | 21ZP4/ZP4A | 17.62 | 12.67 |
| PT-376X | 21EP4A | 14.32 | 12.67 | PT-385X | 21ZP4B* | 18.20 | 13.33 |
| PT-377X | 21EP4B* | 16.00 | 14.35 | PT-387X | 24CP4/CP4A/VP4/TP4/ADP4 | 24.92 | 18.67 |
| | | | | PT-389X | 24DP4/DP4A/YP4A* | 25.25 | 19.00 |

RCA - GE - SYLVANIA PICTURE TUBES

RCA, GE and Sylvania Tubes in factory sealed cartons. *Indicates aluminized screen. All are brand new, made to rigid quality specifications of all new parts except that glass envelope may be re-used after test inspection to meet new-glass standards. Full 1-year replacement

guarantee against defects. Brands which may be shipped are shown in column headed Brand. R=RCA, S=Sylvania, G=GE. See chart at top of page for Shpg. wts.

EXPLANATION OF MANUFACTURER TYPE NOS.

Any type with a letter added at end will replace the earlier version; thus, a 12KP4A will replace a 12KP4. Any type preceded by letters SG will replace the same type without the SG prefix. Types with a / separating numbers will replace all of the types; thus, SG-21FLP4/CBP4A/ALP4B will replace any 21FLP4, 21CBP4A or 21ALP4B.

| Stock No. | Type | Brand | Net | Stock No. | Type | Brand | Net | Stock No. | Type | Brand | Net | Stock No. | Type | Brand | Net |
|--------------------------------------|----------------------------|-------|-------|-----------|-----------------------|-------|-------|-----------|------------------------------|-------|--------|-----------|----------------------------|-------|-------|
| PT-200X | 5AXP4 | S | 19.35 | PT-239X | SG-17BP4B/AP4/JP4 | R-G | 25.32 | PT-274X | SG-21ACP4A/AMP4A/AQP4A/BSP4A | R-G | 29.65 | PT-523X | 23BLP4 | R | 48.34 |
| PT-201X | 5TP4 | G | 39.20 | PT-242X | SG-17BWP4/BVP4/CSP4 | R-G | 29.63 | PT-277X | 21AP4 | R-G | 33.82 | PT-528X | 23BNP4 | G | 47.04 |
| PT-202X | 7JP4 | R | 23.06 | PT-244X | 17BZP4/CKP4/BRP4/CAP4 | R-G | 29.13 | PT-279X | SG-21AUP4B/AVP4B | R | 29.65 | PT-559X | 23BQP4 | S | 47.04 |
| PT-203X | 8AP4A | G | 13.06 | PT-323X | 17CDP4 | R-G | 36.82 | PT-280X | SG-21AWP4 | R-G | 29.65 | PT-560X | 23BTP4/XP4/YP4 | G | 47.04 |
| PT-500X | 8DP4 | R | 25.66 | PT-243X | 17CFP4 | R-G | 26.02 | PT-289X | 21CXP4/DSP4 | R-G | 29.65 | PT-561X | 23BVP4 | G | 47.04 |
| PT-204X | 8XP4 | G | 21.56 | PT-247X | 17CP4 | R-G | 27.44 | PT-514X | 21CYP22A | G | 104.93 | PT-562X | 23CBP4 | S | 48.34 |
| PT-205X | 8YP4 | G | 28.74 | PT-541X | 17CRP4 | G | 26.02 | PT-284X | 21CEP4/CEP4A/DFP4 | R-G | 32.42 | PT-309X | 23CP4/CP4A/GP4/HP4 | R-G | 47.04 |
| PT-206X | 9QP4A | G | 24.82 | PT-542X | 17CTP4 | S | 29.63 | PT-286X | 21CQP4 | R-G | 32.42 | PT-563X | 23DBP4 | R-G | 40.28 |
| PT-207X | 10ABP4B | S | 25.80 | PT-543X | 17CYP4 | R | 34.14 | PT-287X | 21DHP4 | S | 32.92 | PT-525X | 23EP4 | R-G | 47.04 |
| PT-208X | 10BP4A | R | 29.09 | PT-251X | 17DAP4 | R-G | 35.47 | PT-292X | 21DLP4/DQP4 | R-G | 29.65 | PT-526X | 23FP4/FP4A | G | 40.28 |
| PT-532X | SG-10FP4A/BP4A | G | 26.48 | PT-252X | 17DKP4/DTP4 | R-G | 29.63 | PT-290X | SG-21DEP4A/CZP4/DAP4 | R-G | 32.42 | PT-564X | 23JP4 | G | 47.04 |
| PT-209X | 10FP4A | R | 31.05 | PT-253X | 17DLP4 | G | 29.63 | PT-514X | 21CYP22A | G | 104.93 | PT-334X | 23KP4/KP4A | G | 40.28 |
| PT-533X | 10HP4 | S | 29.40 | PT-254X | 17DQP4 | R-G | 29.63 | PT-527X | 23MP4/MP4A/WP4 | R-G | 40.28 | PT-528X | 23NP4 | G | 45.50 |
| PT-534X | 10MP4A | S | 29.40 | PT-504X | 17DRP4 | G | 35.52 | PT-529X | 23UP4 | S | 47.04 | PT-337X | 23YP4 | R | 47.04 |
| PT-535X | SG-12KP4A/LP4A/TP4 | G | 26.78 | PT-324X | 17DSP4/CWP4 | R-G | 29.63 | PT-310X | SG-24AEP4/ANP4/DP4A/YP4/ZP4 | R-G | 43.16 | PT-311X | 24AHP4/ALP4 | R-G | 47.08 |
| PT-212X | 12KP4A | R | 30.70 | PT-305X | 17DXP4/DZP4 | R-G | 29.63 | PT-329X | 21EQP4 | R-G | 32.42 | PT-529X | 24ATP4 | R | 56.09 |
| PT-213X | 12LP4A | R | 30.70 | PT-255X | 17FP4/FP4A | G | 25.32 | PT-297X | 21ESP4 | G | 32.92 | PT-339X | 24AUP4 | R-G | 43.18 |
| PT-214X | 12UP4B | S | 23.52 | PT-256X | 17GP4 | R-G | 30.05 | PT-330X | 21EVP4 | G | 41.74 | PT-566X | 24AVP4 | G | 58.19 |
| PT-216X | SG-14AJP4/ASP4 | G | 27.63 | PT-257X | SG-17HP4B/RP4C | R-G | 25.32 | PT-553X | 21FAP4/DMP4 | R | 32.42 | PT-530X | 24ABP4 | R | 60.35 |
| PT-321X | 14ATP4 | R-G | 26.13 | PT-258X | SG-17LP4A/VP4B | R-G | 24.68 | PT-516X | 21FBP22 | G | 111.46 | PT-316X | SG-24CP4A/QP4/TP4/VP4A/XP4 | R-G | 43.16 |
| PT-536X | 14AUP4 | S | 30.05 | PT-260X | SG-17QP4A/UP4/YP4 | R-G | 25.32 | PT-554X | 21FDP4 | R-G | 41.24 | PT-567X | 27LP4 | G | 74.08 |
| PT-217X | SG-14CP4A/EP4/BP4 | R-G | 26.78 | PT-262X | 17TP4 | R-G | 31.75 | PT-570X | 21FJP22 | G | 132.00 | PT-531X | 27MP4 | R | 78.40 |
| PT-537X | 14P4 | R | 27.76 | PT-544X | 19ABP4 | G | 36.82 | PT-283X | SG-21FLP4/CBP4A/MP4 | R-G | 29.65 | PT-320X | SG-27RP4/EP4/GP4/NP4 | G | 74.08 |
| PT-538X | SG-14QP4A/HP4 | G | 26.78 | PT-545X | 19ACP4 | S | 32.90 | PT-555X | 21FMP4 | R-G | 32.92 | | | | |
| PT-220X | 14QP4A | R | 30.05 | PT-507X | 19AFP4/AUP4 | R-G | 40.70 | PT-299X | SG-21FP4C | R-G | 30.40 | | | | |
| PT-222X | SG-14WP4/NP4A/RP4A/SP4/ZP4 | R-G | 26.32 | PT-546X | 19AHP4 | S | 32.90 | PT-300X | 21MP4 | R-G | 35.78 | | | | |
| PT-539X | 14XP4A | S | 30.05 | PT-508X | 19AJP4 | G | 32.90 | PT-302X | SG-21WP4A | R-G | 31.05 | | | | |
| PT-225X | 16AP4A | R-G | 28.28 | PT-265X | 19AP4B | R-G | 32.01 | PT-304X | SG-21XP4A/AYP4 | R-G | 31.05 | | | | |
| PT-226X | 16DP4A | R-G | 26.78 | PT-509X | 19AVP4/XP4/YP4 | R-G | 32.90 | PT-306X | SG-21YP4A | R-G | 29.32 | | | | |
| PT-540X | 16EP4A | S | 27.76 | PT-510X | 19AXP4/AYP4 | R-G | 32.90 | PT-308X | SG-21ZP4B | G | 29.32 | | | | |
| PT-229X | 16GP4B | R-G | 27.76 | PT-512X | 19BHP4 | G | 32.90 | PT-556X | 21ASFP4 | S | 47.04 | | | | |
| PT-568X | 16JP4A/SG-16KP4A/RP4A | S | 32.99 | PT-547X | 19BLP4 | G | 32.90 | PT-518X | 23AHP4 | R-G | 40.28 | | | | |
| PT-569X | QP4/TP4/UP4 | G | 26.63 | PT-548X | 19BTP4/YP4 | G | 32.90 | PT-331X | 23ANP4/ATP4/BKP4/BLP4 | G | 48.34 | | | | |
| PT-233X | 16LP4A/ZP4 | R-G | 29.40 | PT-549X | 19CDP4 | S | 32.90 | PT-557X | 23ASP4 | G | 40.28 | | | | |
| PT-232X | 16RP4A/KP4A | R | 30.05 | PT-550X | 19CFP4 | G | 32.90 | PT-521X | 23BJP4 | R | 40.28 | | | | |
| PT-234X | 16TP4 | R | 30.05 | PT-551X | 19CKP4 | G | 32.90 | PT-522X | 23BKP4/ANP4 | R | 47.04 | | | | |
| PT-235X | 16WP4A | R-G | 29.40 | PT-327X | 19ZP4 | G | 32.90 | | | | | | | | |
| SG-17BJP4/ATP4A/AVP4A/BUP4/CBP4/CLP4 | | R-G | 25.52 | PT-269X | SG-20CP4D/DP4C | R-G | 33.32 | | | | | | | | |
| | | | | PT-272X | SG-20HP4D/LP4/MP4 | R-G | 33.32 | | | | | | | | |

UNIVERSAL TYPES

Note: Our Stock No. PT-283X (GE SG-21FLP4 or RCA 21CBP4A) will replace each other or any of the following types: 21ALP4, A, B; 21ANP4, A, B; 21BNP4, A, B; 21BTP4, A, B; 21CBP4, A, B; 21CNP4, A, B; 21CP4, A, B; 21DP4, A, B; 21EP4, A, B; 21FP4, A, B; 21GP4, A, B; 21HP4, A, B; 21JP4, A, B; 21KP4, A, B; 21LP4, A, B; 21MP4, A, B; 21NP4, A, B; 21OP4, A, B; 21QP4, A, B; 21RP4, A, B; 21SP4, A, B; 21TP4, A, B; 21UP4, A, B; 21VP4, A, B; 21WP4, A, B; 21XP4, A, B; 21YP4, A, B; 21ZP4, A, B.

SPECIAL PURPOSE TUBES

RCA-GENERAL ELECTRIC
RAYTHEON



All tubes on this page will be supplied from brand new factory boxed stock of one of the famous brands listed above. WHEN ORDERING PLEASE SPECIFY LETTERS TT- BEFORE TYPE NO., THUS TT-0A2.

| TUBE TYPE | NET EACH IN LOTS OF | | | |
|-----------|---------------------|-------|-------|-------|
| | 1-4 | 5-18 | 19-49 | 50-99 |
| 0A2 | 1.32 | 1.14 | 1.06 | .94 |
| 0A2WA | 3.65 | 3.12 | 2.92 | 2.58 |
| 0A3 | 1.54 | 1.33 | 1.24 | 1.10 |
| 0A4G | 1.86 | 1.62 | 1.50 | 1.33 |
| 0B2 | 1.44 | 1.24 | 1.16 | 1.03 |
| 0B2WA | 3.00 | 2.58 | 2.40 | 2.12 |
| 0B3 | 1.65 | 1.51 | 1.41 | 1.16 |
| 0C2 | 1.50 | 1.28 | 1.20 | 1.06 |
| 0C3 | 1.50 | 1.30 | 1.21 | 1.07 |
| 003 | 1.44 | 1.24 | 1.16 | 1.03 |
| 1A04 | 2.80 | 2.68 | 2.35 | |
| 1A64 | 3.05 | 2.87 | 2.53 | |
| 1A65 | 2.05 | 1.93 | 1.70 | |
| 1A4H | 1.35 | 1.27 | 1.11 | |
| 1A15 | 1.55 | 1.47 | 1.29 | |
| 1B85 | 8.50 | 8.08 | 7.65 | 6.00 |
| 1C21 | 4.15 | 3.54 | 3.31 | 2.93 |
| 1021/SN4 | 7.10 | 6.62 | 5.84 | |
| 1L4 | 1.37 | 1.19 | 1.11 | .98 |
| 1P40 | 3.60 | 3.07 | 2.86 | 2.50 |
| 2AP1A | 15.75 | 13.75 | 12.10 | |
| 2021 | 1.29 | 1.12 | 1.04 | .92 |
| 2021W | 2.90 | 2.47 | 2.31 | 2.04 |
| 2E24 | 5.25 | 4.78 | 4.47 | 3.70 |
| 2E26 | 3.75 | 3.36 | 3.13 | 2.60 |
| 2E32 | 3.35 | 3.19 | 2.81 | |
| 2E38 | 5.81 | 5.53 | 4.88 | |
| 2G21 | 7.39 | 7.04 | 6.21 | |
| RK2K25 | 36.90 | 35.43 | 33.35 | |
| RK2A | 3.10 | 2.79 | 2.60 | 2.15 |
| 3A4 | 1.25 | 1.04 | .97 | .86 |
| 3A5 | 2.03 | 1.76 | 1.64 | 1.45 |
| 3B28 | 8.00 | 5.44 | 5.08 | 4.20 |
| 4-250A | | | | |
| 5022 | 46.50 | 43.58 | 41.02 | |
| RK4032 | 32.76 | 31.20 | 27.53 | |
| 4X150A | 25.00 | 23.33 | 21.85 | |
| 5R4GVB | 2.03 | 1.76 | 1.68 | 1.45 |
| 5UP1 | 12.45 | 10.53 | 9.85 | |
| 6AC7W | 4.20 | 3.62 | 3.37 | 2.99 |
| 6AG7Y | 2.65 | 2.27 | 2.12 | 1.88 |
| 6AK6 | 1.40 | 1.22 | 1.13 | 1.00 |
| 6AN5 | 3.75 | 3.57 | 3.14 | |
| 6AS6 | 4.43 | 2.97 | 2.77 | 2.45 |
| 6AS7G | 4.95 | 4.26 | 3.97 | 3.52 |
| 6AS7GA | 4.95 | 4.26 | 3.97 | 3.52 |
| 6AU6WA | 2.75 | 2.39 | 2.23 | 1.97 |
| 604 | 2.85 | 2.33 | 2.17 | 2.00 |
| 6F4 | 6.35 | 7.19 | 6.71 | 5.94 |
| 814 | 4.19 | 3.61 | 3.37 | 2.99 |
| 614WA | 5.60 | 4.83 | 4.51 | 3.99 |
| 616WA | 5.35 | 4.60 | 4.29 | 3.80 |
| 6S17J | 1.80 | 1.51 | 1.41 | 1.25 |
| 12A6 | 2.53 | 2.19 | 2.04 | 1.81 |
| 12AT7WA | 2.95 | 2.34 | 2.37 | 2.10 |
| 12AT7 | 2.45 | 2.10 | 1.96 | 1.73 |
| 12Y7 | 2.20 | 1.90 | 1.77 | 1.57 |
| 26A6 | 3.05 | 2.47 | 2.31 | 2.17 |
| 2807 | 4.95 | 4.42 | 4.16 | |
| 83 | 1.89 | 1.63 | 1.52 | 1.35 |
| 502A | 2.30 | 2.17 | 1.91 | |
| CK-510AX | 3.85 | 2.65 | 3.22 | |
| CK-512AX | 2.77 | 2.64 | 2.32 | |
| CK-528AX | 4.59 | 4.37 | 3.86 | |
| CK-533AX | 2.94 | 2.80 | 2.47 | |
| CK-534AX | 3.01 | 2.87 | 2.53 | |
| 807 | 3.00 | 2.71 | 2.53 | 2.10 |
| 809 | 7.95 | 7.21 | 6.73 | 5.55 |
| 811A | 6.90 | 6.21 | 5.80 | 4.80 |
| 812A | 8.90 | 6.21 | 5.80 | 4.80 |

| TUBE TYPE | NET EACH IN LOTS OF | | | | TUBE TYPE | NET EACH IN LOTS OF | | | |
|------------|---------------------|-------|-------|-------|------------|---------------------|-------|-------|-------|
| | 1-4 | 5-18 | 19-49 | 50-99 | | 1-4 | 5-18 | 19-49 | 50-99 |
| 816 | 2.95 | 2.64 | 2.47 | 2.05 | 5696 | 3.40 | 3.21 | 2.84 | |
| 866A | 2.65 | 2.37 | 2.23 | 1.82 | 5687 | 4.05 | 3.47 | 3.24 | 2.86 |
| 868 | 3.90 | 3.50 | 3.27 | 2.70 | 5691 | 8.75 | 7.55 | 7.05 | 6.23 |
| 872A | 9.90 | 9.04 | 8.44 | 6.95 | 5692 | 8.25 | 7.12 | 6.64 | 5.88 |
| 884 | 2.28 | 1.97 | 1.84 | 1.63 | 5693 | 6.60 | 5.70 | 5.31 | 4.70 |
| 885 | 2.00 | 1.87 | 1.65 | | 5696 | 2.05 | 1.74 | 1.63 | 1.44 |
| 918 | 4.45 | 4.00 | 3.73 | 3.10 | CK-5702 | 4.20 | 3.97 | 3.50 | |
| 920 | 6.40 | 5.78 | 5.40 | 4.45 | CK-5702WA | 6.88 | 6.17 | 5.44 | |
| 921 | 3.50 | 3.14 | 2.93 | 2.45 | CK-5703 | 2.65 | 2.52 | 2.21 | |
| 922 | 3.10 | 2.79 | 2.50 | 2.15 | CK-5703WA | 7.07 | 6.73 | 5.94 | |
| 923 | 3.40 | 3.00 | 2.80 | 2.35 | CK-5704 | 3.51 | 3.35 | 2.95 | |
| 927 | 4.25 | 3.79 | 3.53 | 2.95 | 5718 | 4.25 | 3.68 | 3.43 | 3.03 |
| 930 | 3.10 | 2.79 | 2.60 | 2.15 | 5719 | 3.85 | 3.31 | 3.10 | 2.74 |
| 934 | 4.15 | 3.57 | 3.33 | 2.90 | 5725 | 3.80 | 3.26 | 3.05 | 2.69 |
| 954 | 9.80 | 9.39 | 8.20 | | 5726 | 1.55 | 1.33 | 1.24 | 1.10 |
| 955 | 5.70 | 5.51 | 4.78 | | 5726/6AL5W | 1.55 | 1.33 | 1.24 | 1.10 |
| 956 | 9.45 | 9.00 | 7.94 | | 5727 | 1.55 | 1.33 | 1.24 | 1.10 |
| 957 | 6.65 | 6.29 | 5.54 | | 5727 | 2.90 | 2.47 | 2.31 | 2.04 |
| 991 | .87 | .80 | .75 | .62 | 5727/2021W | 2.90 | 2.47 | 2.31 | 2.04 |
| CK-1006 | 6.03 | 5.75 | 5.07 | | 5749 | 2.20 | 1.90 | 1.77 | 1.57 |
| CK-1020 | 11.86 | 11.29 | 9.96 | | 5749/6BA6W | 2.20 | 1.90 | 1.77 | 1.57 |
| CK-1021 | 11.86 | 11.29 | 9.96 | | 5750 | 3.45 | 3.26 | 2.88 | |
| CK-1026 | 4.35 | 4.13 | 3.65 | | 5750/6BE6W | 3.45 | 3.26 | 2.88 | |
| CK-1054 | 4.20 | 3.97 | 3.50 | | 5751 | 2.95 | 2.55 | 2.38 | 2.10 |
| 1612 | 4.60 | 3.97 | 3.71 | 3.28 | 5751WA | 2.95 | 2.55 | 2.38 | 2.10 |
| 1613 | 2.65 | 2.11 | 1.97 | 1.87 | 5763 | 2.53 | 2.19 | 2.04 | 1.81 |
| 1614 | 4.10 | 3.54 | 3.31 | 2.93 | CK-5783 | 4.20 | 3.97 | 3.50 | |
| 1619 | 4.85 | 4.19 | 3.91 | 3.46 | CK-5787 | 5.01 | 4.76 | 4.20 | |
| 1620 | 6.99 | 6.24 | 5.83 | 4.99 | CK-5787WA | 4.90 | 4.68 | 4.12 | |
| 1621 | 2.90 | 2.47 | 2.31 | 2.04 | 5814A | 3.35 | 2.85 | 2.67 | 2.36 |
| 1622 | 4.05 | 3.47 | 3.24 | 2.87 | 5814WA | 3.35 | 2.85 | 2.67 | 2.36 |
| 1624 | 6.25 | 5.64 | 5.27 | 4.35 | 5823 | 1.75 | 1.49 | 1.39 | 1.23 |
| 1625 | 4.75 | 4.29 | 4.00 | 3.30 | 5824 | 3.60 | 3.11 | 2.90 | 2.57 |
| 1626 | 2.65 | 2.16 | 2.11 | 1.86 | CK-5829 | 4.20 | 3.97 | 3.50 | |
| 1629 | 1.90 | 1.62 | 1.51 | 1.33 | 5840 | 6.25 | 5.39 | 5.03 | 4.45 |
| 1631 | 3.45 | 3.27 | 2.88 | | CK-5842 | 7.48 | 7.12 | 6.28 | |
| 1635 | 2.86 | 2.47 | 2.31 | 2.04 | 5844 | 2.30 | 1.95 | 1.82 | 1.62 |
| 2050A | 2.21 | 1.91 | 1.79 | 1.58 | CK-5879 | 1.75 | 1.63 | 1.54 | |
| CK-5517 | 3.80 | 3.59 | 3.16 | | CK-5886 | 5.00 | 4.76 | 4.20 | |
| 5581 | 3.45 | 3.07 | 2.85 | 2.40 | CK-5889 | 14.50 | 13.81 | 12.18 | |
| 5582 | 5.40 | 4.86 | 4.53 | 3.75 | 5896 | 4.45 | 3.81 | 3.58 | 3.15 |
| 5583 | 4.80 | 4.35 | 4.07 | 3.35 | 5899 | 6.55 | 5.67 | 5.29 | 4.68 |
| 5618 | 5.95 | 5.11 | 4.77 | 4.22 | 5902 | 5.75 | 4.95 | 4.63 | 4.09 |
| 5636 | 7.80 | 6.75 | 6.30 | 5.57 | 5915A | 1.65 | 1.40 | 1.31 | 1.18 |
| 5639 | 6.55 | 5.67 | 5.29 | 4.68 | 5963 | 1.50 | 1.25 | 1.17 | 1.04 |
| 5642 | 3.85 | 3.64 | 3.21 | | 5964 | 1.54 | 1.33 | 1.24 | 1.10 |
| 5651 | 1.78 | 1.54 | 1.44 | 1.27 | 5965 | 1.95 | 1.69 | 1.57 | 1.39 |
| CK-5651WA | 3.75 | 3.25 | 3.04 | 2.69 | 6095/6AQ5W | 3.95 | 3.40 | 3.18 | 2.81 |
| 5654 | 3.05 | 2.62 | 2.44 | 2.16 | 6012 | 3.95 | 3.40 | 3.18 | 2.81 |
| 5654/6AK5W | 3.05 | 2.62 | 2.44 | 2.16 | 6015 | 7.65 | 6.63 | 6.28 | 5.46 |
| 6096 | 4.35 | 3.71 | 3.49 | 3.09 | CK-6029 | 4.80 | 4.16 | 3.88 | 3.43 |
| 5663 | 2.10 | 1.81 | 1.69 | 1.50 | 6046 | 1.50 | 1.34 | 1.25 | 1.11 |
| 5670 | 3.00 | 2.56 | 2.39 | 2.11 | 6072 | 3.90 | 3.69 | 3.26 | |
| CK-5676 | 3.05 | 2.87 | 2.53 | | 6073/0A2 | 3.00 | 2.55 | 2.33 | 2.06 |
| CK-5678 | 2.27 | 2.16 | 1.90 | | 6074/0B2 | 3.45 | 2.80 | 2.71 | 2.35 |
| | | | | | 6080 | 5.33 | 4.62 | 4.31 | 3.81 |
| | | | | | 6082 | 5.60 | 4.83 | 4.51 | 3.99 |
| | | | | | 6087 | | | | |
| | | | | | 5Y3WGTB | 5.75 | 4.94 | 4.61 | |
| | | | | | CK-6088 | 2.75 | 2.63 | 2.29 | |
| | | | | | 6100 | 2.49 | 2.16 | 2.01 | 1.78 |
| | | | | | 6101 | 5.35 | 4.60 | 4.29 | 3.80 |

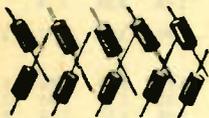
| TUBE TYPE | NET EACH IN LOTS OF | | | |
|-------------|---------------------|-------|-------|-------|
| | 1-4 | 5-18 | 19-49 | 50-99 |
| 6111 | 5.45 | 4.67 | 4.38 | 3.89 |
| 6112 | 5.45 | 4.67 | 4.36 | 3.89 |
| 6134 | 5.70 | 4.89 | 4.27 | 4.04 |
| 6135 | 2.40 | 2.04 | 1.90 | 1.69 |
| 6136 | 2.75 | 2.39 | 2.23 | 1.97 |
| 6146 | 4.35 | 3.92 | 3.66 | 3.05 |
| 6159 | 4.80 | 4.37 | 4.08 | 3.35 |
| CK-6174 | 3.80 | 3.59 | 3.18 | |
| 6186/6AG5WA | 3.85 | 3.34 | 3.11 | 2.75 |
| 6189 | | | | |
| 12AU7WA | 3.70 | 3.17 | 2.96 | 2.62 |
| 6197 | 3.05 | 2.82 | 2.45 | 2.18 |
| 6201 | 2.95 | 2.54 | 2.37 | 2.10 |
| 6202 | 2.65 | 2.45 | 2.26 | 2.03 |
| 6203 | 4.10 | 3.52 | 3.29 | 2.92 |
| 6205 | 6.40 | 5.53 | 5.16 | 4.57 |
| 6206 | 8.55 | 7.36 | 6.87 | 6.08 |
| 6211 | 2.15 | 1.83 | 1.71 | 1.51 |
| 6265 | 4.10 | 3.52 | 3.29 | 2.92 |
| 6328 | 12.65 | 11.42 | 10.73 | 8.85 |
| 8350 | 1.95 | 1.69 | 1.57 | 1.39 |
| 6360 | 5.60 | 5.00 | 4.70 | |
| 6386 | 7.40 | 6.36 | 5.96 | 5.27 |
| 6417 | 2.53 | 2.19 | 2.04 | 1.81 |
| CK-6418 | 3.05 | 2.87 | 2.53 | |
| CK-6419 | 4.75 | 4.49 | 3.96 | |
| CK-6437 | 8.30 | 7.91 | 6.97 | |
| 6463 | 1.90 | 1.61 | 1.50 | 1.33 |
| CK-6485 | 2.05 | 1.86 | 1.75 | |
| CK-6519 | 3.43 | 3.27 | 2.88 | |
| 6626/0A2WA | 4.45 | 3.84 | 3.59 | 3.17 |
| 6660/6BA6 | 1.01 | .96 | .84 | |
| 6661/6BH6 | 1.34 | 1.28 | 1.13 | |
| 6662/6B16 | 1.29 | 1.23 | 1.08 | |
| 6663/6AL5 | .92 | .83 | .78 | |
| 6669/6AQ5 | 1.06 | .91 | .89 | |
| 6677/6CL6 | 1.85 | 1.76 | 1.56 | |
| 6678/6U8A | 1.62 | 1.55 | 1.36 | |
| 6679/12AT7 | 1.50 | 1.43 | 1.26 | |
| 6680/12AU7A | 1.22 | 1.00 | .93 | .87 |
| 6681/12AX7 | 1.26 | 1.20 | 1.06 | |
| 6814 | 5.90 | 5.10 | 4.76 | 4.21 |
| 6883 | 4.45 | 4.00 | 3.73 | 3.10 |
| 6887 | 1.25 | 1.07 | 1.00 | .89 |
| 6893 | 4.15 | 3.71 | 3.46 | 2.90 |
| 6902 | 4.75 | 4.50 | 4.24 | |
| 7054 | 1.55 | 1.33 | 1.24 | 1.10 |
| 7055 | 1.00 | .86 | .80 | .71 |
| 7056 | 1.20 | 1.01 | .95 | .84 |
| 7057 | 1.95 | 1.69 | 1.57 | 1.38 |
| 7058 | 1.30 | 1.11 | 1.04 | .92 |
| 7059 | 1.75 | 1.4 | | |

LAFAYETTE SEMICONDUCTOR SPECIALS

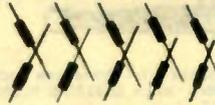
FOR EXPERIMENTER
KIT BUILDER, HOBBYIST

QUALITY SEMICONDUCTORS AT ECONOMY 'PACKAGE' PRICES

10 GERMANIUM DIODES



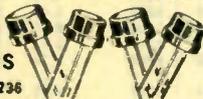
Pkg. of 10 germanium diodes that replace 1N34, 1N34A, 1N46, 1N48, 1N51, 1N60, 1N64, 1N64A, 1N87, 1N105, 1N109, 1N147, 1N267, 1N268, 1N295, etc. Shpg. wt., 6 oz.
SP-234



10 SILICON DIODES

Package of 10 silicon diodes. Replaces 1N34, 1N34A, 1N46, 1N48, 1N51, 1N60, 1N64, 1N87, 1N295, etc. Shpg. wt., 4 oz.
SP-235

4 PNP GERMANIUM TRANSISTORS



Package of 4 PNP General Purpose Type Transistors similar in performance to: 2N107, 2N218, 2N1265, CK722, GT222, TR722, 2N1191, etc. Shpg. wt., 6 oz.
SP-236

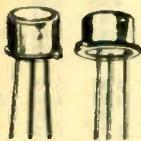
.89
per pkg.
Any 4 Asst. Pkgs.
3.09

2 PNP TRANSISTORS



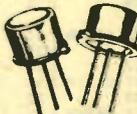
Mixer/Oscillator Converter - Replaces 2N112, 2N114, 2N135, 2N136, 2N137, 2N140, 2N219, 2N411, 2N412, 2N414B, 2N415, CK760, CK766, 2552, etc. Shpg. wt., 4 oz.
SP-237

2 PNP GERMANIUM TRANSISTORS IF AMPLIFIER



Pkg. of 2 PNP germanium IF amplifier transistors that replace: 2N111, 2N111A, 2N112A, 2N139, 2N218, 2N409, 2N410, 2N413, 2N413A, 2N414, 2N414A, 2N416, GT760, 2553, etc. Shpg. wt., 4 oz.
SP-238

2 PNP GERMANIUM TRANSISTORS AF AMPLIFIERS (Up to 12 Volts)



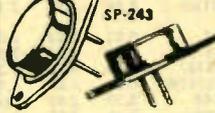
Pkg. of 2 PNP Germanium AF amplifier transistors that replace: 2N133A, 2N138A, 2N138B, 2N151, 2N186A, 2N187A, 2N215, 2N217, 2N319, 2N320, 2N359, 2N360-363, 2N407, 2N408, 2N1008, A, B, GT81R, GT109, 2556, 25838, etc. Shpg. wt., 4 oz.
SP-239

2 GOLD PLATED SILICON RECTIFIERS 500 MIL - 400 PIV



Pkg. of 2 miniature size exceptional 24 karat gold plated silicon rectifiers rated at 500 milliamps, 400 PIV. Shpg. wt., 4 oz.
SP-240

2- 10 WATT POWER TRANSISTORS



Package of 2 PNP 10 Watt germanium power transistors in popular TO-3 case. Similar to 2N155, 2N176, 2N235, 2N351, 2N242, 2N257, 2N268, 2N301A, 2N255, 2N554, 2N555, etc. Shpg. wt., 8 oz.
SP-243

STUD MOUNT SILICON RECTIFIER 2 AMPERE 400 PIV



Outstanding Buy! 2 amp. 400 Peak Inverse-Volts Silicon Rectifier, stud mounting. $\frac{3}{8}$ " long less lug. $\frac{1}{8}$ " hex nut. Shpg. wt., 6 oz.
SP-242

2 TOP HAT SILICON RECTIFIERS 750 MIL - 400 PIV



Pkg. of 2 top hat type silicon rectifiers rated at 750 milliamps, 400 PIV. Shpg. wt., 6 oz.
SP-241

40 WATT HIGH POWER TRANSISTOR



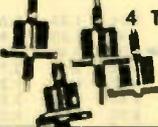
Amazing value in this 40-Watt high power PNP germanium transistor! Excellent for experimenter, hobbyist and kit builder for power supplies, auto replacement, audio output, etc. Similar to 2N173, CTP1504, SFT266, etc. Bolt mounted. Shpg. wt., 8 oz.
SP-244

1 TOP HAT SILICON RECTIFIER 750 Mil 750 PIV

Package of 1 top-hat axial lead silicon rectifier rated 750 milliamps, 750 Peak Inverse Volts. Shpg. wt., 4 oz.
SP-275



4 TOP HAT SILICON RECTIFIERS 750 Mil 100 PIV



Package of 4 top-hat axial lead silicon rectifiers rated 750 milliamps, 100 Peak Inverse Volts. Shpg. wt., 6 oz.
SP-276

TRANSISTOR - DIODE PACKAGE SPECIAL

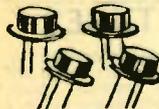
3 Pkgs. (can assort.) 2.09 **.79** Pkg.

5 GENERAL PURPOSE DIODES



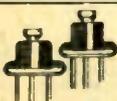
Package of 5 germanium glass diodes similar to 1N34A, 1N60, 1N64, 1N87A, etc. Shpg. wt., 4 oz.
SP-218

4 PNP TRANSISTORS



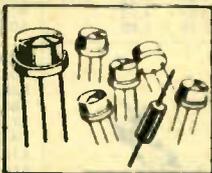
Package of 4 PNP Audio transistors similar to 2N107. Beta 15 minimum.
SP-220

2 NPN TRANSISTORS



Package of 2 NPN germanium transistors similar to 2N170 for Audio & RF. Beta 20 minimum.
SP-219

LAFAYETTE SPECIAL 6-Transistor plus Diode Superhet Package



2.95

• 6 Transistors plus Germanium Diode
• Matched for Superheterodyne Push-Pull Circuit • Can Work on 9-Volts with Minimum Battery Drain • Highest Quality - All PNP
Consists of 1 converter, 2 IF's, 1 driver, 2 push-pull output and 1 germanium diode. Packed in handy plastic bag. Shpg. wt., 6 ozs.
SP-246 Net 2.95

30 MC HIGH GAIN TRANSISTOR

High Quality PNP RF transistor—Excellent for 27MC Citizens Band Walkie Talkie Transceivers, etc. 30 to 35 MC, Average Beta=25. Shpg. wt., 6 oz.
SP-277 Net, ea. .69 Lots of 10 ea. Net .62

NEW! PHOTO-MULTIPLIER POWER TRANSISTOR

A COMPLETE PHOTOELECTRIC SYSTEM IN ONE UNIT



- PHOTO ELECTRIC CELL
- POWER TRANSISTOR AMPLIFIER
- ELECTRONIC RELAY

1.79 EA.

Complete with instructions, Data and Diagrams for photo control systems, photo-electronic amplifiers; Relays, Alarms, etc. Shpg. wt., 6 oz.
SP-256 Ea. Net 1.79 3 for 4.77

750 MIL 400 PIV EPOXY SILICON RECTIFIER



Shpg. wt., 6 oz. Net, ea. .39; 10 for 3.45; 100 for 29.95
SP-266

HIGH POWER STUD-MOUNT SILICON RECTIFIERS

10 AMPERE 200 PIV SILICON RECTIFIER

As low as **1.09**
 $1\frac{1}{2}$ " long overall, $\frac{3}{8}$ " hex. Shpg. wt., 6 oz.
SP-267 Net, ea. 1.09; 10 for 9.80



10 AMPERE 400 PIV SILICON RECTIFIER

$1\frac{1}{2}$ " long overall, $\frac{3}{8}$ " hex. Shpg. wt., 6 oz.
SP-268 Net, ea. 1.98; 10 for 17.50

Reliable Silicon Rectifiers, For High Power Applications

20 AMPERE 400 PIV SILICON RECTIFIER

$1\frac{1}{2}$ " long overall, $\frac{1}{2}$ " hex. Shpg. wt., 8 oz.
SP-269 Net, ea. 2.98; 10 for 26.00

50 AMPERE 50 PIV SILICON RECTIFIER

$1\frac{1}{2}$ " hex. Shpg. wt., 10 oz. Net, ea. 3.50; 10 for 30.00
SP-270

RECTIFIER MOUNTING KITS

Consist of 2 Mica Washers, 1 plated nut, 1 Teflon Washer, 1 Plated Washer, 1 Connector Lug. Shpg. wt., 4 oz.

FOR $\frac{1}{8}$ " HEX BASE Net, ea. .17; 10 for 1.59
SP-272

FOR $\frac{1}{4}$ " HEX BASE Net, ea. .27; 10 for 2.49
SP-273

FOR $\frac{1}{2}$ " HEX BASE Net, ea. .35; 10 for 3.15
SP-274

GENERAL PURPOSE DIODES

.19

Excellent Detector For Transistor and Vacuum Tube Radio Receivers Shpg. wt., 2 oz.

EQUIVALENT TO: 100 for

1N34 1N34A 1N38A 16.50
1N48 1N56 1N69

SP-148 General Purpose Diode Net .19 each; 10 for 1.75

POPULAR POWER TRANSISTORS

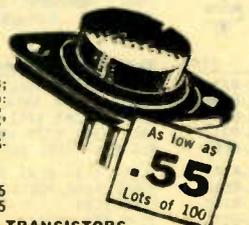
TESTED AND GUARANTEED TO MEET SPECIFICATIONS

MEDIUM POWER TRANSISTORS

Beta = 30; BV_{cer} = 36 Volts; Shpg. wt., 12 oz. Similar to: 2N155, 2N176, 2N235, 2N242, 2N255, 2N256, 2N301, 2N307, 2N554, AR-5, CTP-1104, TS-176, etc.
SP-147 Medium Power Transistor Net ea. .65 In Lots of 100, Each Net .55

HIGH POWER TRANSISTORS

Beta=50; BV_{cer}=36 Volts Min. Shpg. wt., 12 oz. Similar to: 2N157A, 2N176B, 2N235A, B, 2N257, 2N285A, 2N301A, 2N352, 2N399, etc.
SP-277 High Power Transistor Net ea. .69 In lots of 100, Each Net .59



As low as **.55** Lots of 100



LAFAYETTE TRANSISTOR SPECIALS



NEW! 3 TRANSISTOR SUBMINIATURE AM BROADCAST TUNER

- 4 TRANSFORMERS: 3 IF plus 1 Oscillator Transformers for Exceptional Superhet Sensitivity and Selectivity. • 540KC TO 1600KC USED ONLY IN THE MOST EXPENSIVE RADIOS!

795



- FEATURES COMPLETELY WIRED PRINTED CIRCUIT BOARD.

AN OUTSTANDING AM BROADCAST RADIO WHEN CONNECTED TO ANY TRANSISTOR AUDIO AMPLIFIER ON THIS PAGE OR ELSEWHERE — A SNAP!

A deluxe 3 transistor subminiature AM broadcast tuner that features 3 dependable transistors, 3 IF plus 1 oscillator transformer, and ferrite antenna in a super efficient, completely wired superheterodyne circuit on a sturdy printed-circuit board.

Now you can build your own highly efficient broadcast receiver by simply adding this exceptional tuner to any of the transistor audio amplifiers listed below or elsewhere. The long tuner leads for connecting to external amplifier and/or to a separate 9 volt battery, makes this easy as pie. Also features a large clearly visible calibrated tuning dial. The printed circuit board layout permits either vertical or horizontal mounting. Supplied complete with mounting brackets and detailed instructions. Size: 4x1 3/4"x2"H with brackets. Shpg. wt., 8 oz. **PK-633** Net 7.95

5 TRANSISTOR PUSH-PULL AUDIO AMPLIFIER



- 360 MW OUTPUT
- COMPLETELY WIRED
- DIRECT WIRING

6⁹⁵

ONLY 3 1/8" x 1 1/8" x 1 1/8"

A more powerful and more sensitive version of the PK-543, this amplifier employs 3 stages of audio driving a push-pull output stage. Power output is 360 mw, designed for speakers with a voice coil impedance of 8-11 ohms. Low impedance input has sensitivity of 300 microvolts. Input transformer for matching high impedance to the amplifier input available as an accessory (see below). Comes with leads for low impedance input, speaker, volume control/on-off switch. Battery clips and leads supplied for 9 volt miniature battery (one required). Shpg. wt., 5 oz. Imported **PK-544** Net 6.95

ACCESSORIES FOR ABOVE

- BA-2 9 volt battery. Shpg. wt., 2 oz. Net .21
 - VC-28 10,000 ohm volume control w/switch. Shpg. wt., 2 oz. Net .69
 - SK-193 8 ohm speaker. Shpg. wt., 10 oz. Net 1.49
 - SK-189 8 ohm speaker. Shpg. wt., 8 oz. Net 1.49
- Input transformer for matching high impedance (mike, etc.) to amplifier. **TR-120** Net .89

NEW! 4 TRANSISTOR SUBMINIATURE PUSH-PULL AUDIO AMPLIFIER

OUTPUT 100 MW



- TERRIFIC FOR THE EXPERIMENTER, HOBBYIST AND KIT BUILDER!
- COMPLETELY WIRED, NOT A KIT!
- PRINTED CIRCUIT BOARD
- COMPLETE WITH TRANSISTORS

4⁹⁵

- SIZE: 3" x 1 1/8" x 1 1/8"

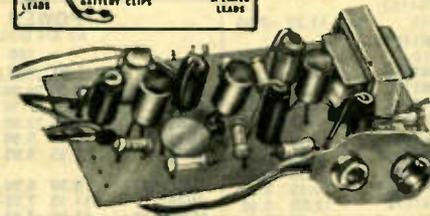
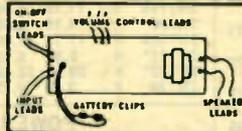
A tiny, transistorized push-pull audio amplifier with a multitude of applications. Only 3" x 1 1/8" x 1 1/8". It can be mounted inside other equipment to serve as a subminiature phono amplifier, tape recorder, amplifier, etc. Can be the complement of a homebuilt project which needs only an audio amplifier to make it complete and self-contained. Two stages of audio are followed by a push-pull output stage designed to deliver 100 mw to an 8-11 ohm impedance. Low impedance input, with a sensitivity of 0.9 mv. Input transformer for matching high impedances to the amplifier available as an accessory (see below). Includes leads for input, speaker, and volume control/on-off switch. Battery clips and leads supplied for 9 volt miniature battery (one required). Shpg. wt., 5 oz. Imported **PK-543** Net 4.95

ACCESSORIES FOR ABOVE

- BA-2 9 volt battery. Shpg. wt., 2 oz. Net .21
 - VC-31 50K ohm volume control w/switch. Shpg. wt., 2 oz. Net .69
 - SK-193 8 ohm voice coil speaker. Shpg. wt., 10 oz. Net 1.49
 - SK-189 8 ohm voice coil speaker. Shpg. wt., 8 oz. Net 1.49
- Input transformer for matching high impedance (mike, etc.) to amplifier **TR-120** Net .89

3 TRANSISTOR SUBMINIATURE AUDIO AMPLIFIER

- SIZE: 2 1/8" x 1 1/8" x 3/8"



3⁷⁵

- FOR THE EXPERIMENTER, HOBBYIST, AND KIT BUILDER!
- PRINTED CIRCUIT
- COMPLETE WITH TRANSISTORS

Here is an amazing little audio amplifier with a multitude of challenging applications; i.e., subminiature phono amplifier, tape recorder amplifier, hand-held public address amplifier, telephone pick-up amplifier, etc. Output sufficient for average listening. Has leads for any one of the following inputs: Tape recorder record/playback heads, radio-tuner, crystal or ceramic phono cartridge, and crystal or ceramic microphone. Has lead terminations for ON-OFF switch. Volume Control. 4 to 10 ohm speaker, and leads terminating in clips for a 9 volt miniature battery. Size 2 1/8"x1 1/8"x3/8". Can be readily mounted on chassis. Shpg. wt., 8 oz. Imported. **PK-522** Net 3.75

- BA-2 9 Volt Battery Net .21
- SK ohm Volume Control with SPST Switch and Knob; Shpg. wt., 2 oz. Net .59
- VC-62 Net .59
- Miniature Crystal Microphone 1 1/8" Diam. x 3/8" Deep. Shpg. wt., 6 oz. Net 1.49
- MS-108 Net 1.49
- Miniature Speaker 2 1/2" Diam. 10 ohms Voice Coil Impedance. Shpg. wt., 8 oz. Net 1.49
- SK-66 Net 1.49

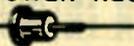
NEW! SAMS TRANSISTOR SUBSTITUTION HANDBOOK



- Over 8800 Direct Transistor Substitutions
- 800 Substitutes For Japanese Types
- 630 Diode Substitutes

Includes basing diagrams, polarity identifications and manufacturers for over 3000 transistor types. **BK-289** Postpaid in U.S.A. Net 1.50

SILICON POWER RECTIFIERS



Top hat lead type silicon rectifiers excellent for TV Radio and power supplies as half-wave, full wave rectifiers and voltage doublers.

- Type A: 750 Ma, 400 PIV @ 25°C. 500 Ma, 400 PIV @ 90°C. Net .57
- SP-196 Shpg. wt., 4 oz. 10 for 5.13; 100 for 47.00
- Type B: 750 Ma, 200 PIV @ 25°C. 500 Ma, 200 PIV @ 90°C. Net .47
- SP-197 Shpg. wt., 4 oz. 10 for 4.25; 100 for 38.50

PNP AUDIO TRANSISTOR

SPECIAL! AS LOW AS **.31**



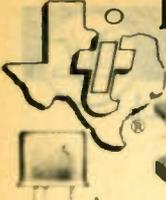
General audio type PNP transistor for experimenters and hobbyists, for code practice oscillators and similar small signal devices. In new JETC 30 welded case. **SP-148** Net, singly, each .39 10 for 3.68 50 for 18.95, 100 for 31.00

TEXAS INSTRUMENTS SEMICONDUCTORS

- LOW OEM PRICES -

MIL SPEC DEVICES IMMEDIATELY AVAILABLE FROM STOCK

- SAME DAY SHIPMENT



SILICON TRANSISTORS

• = Collector in Electrical Contact with Case.
 + = Emitter in Electrical Contact with Case.
 See illustrations for Case Type.

SMALL SIGNAL

All Are Grown Junction Except * = Diffused Mesa; ** = Planar

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|----------|------|-------|---------|-------------|------|-------|---------|
| 2N117 | A | 8.15 | 5.45 | 2N542 | I | 6.30 | 4.20 |
| USN2N117 | A | 8.45 | 5.65 | 2N543 | I | 8.10 | 5.40 |
| 2N118 | A | 8.15 | 5.45 | 2N470 | I | 3.45 | 2.30 |
| JAN2N118 | A | 9.15 | 6.35 | 2N471 | I | 5.60 | 3.75 |
| 2N118A | A | 8.15 | 5.45 | 2N471A | I | 5.90 | 3.95 |
| 2N119 | A | 11.05 | 7.35 | 2N472 | I | 7.45 | 4.95 |
| USN2N119 | A | 11.45 | 7.55 | 2N472A | I | 7.75 | 5.15 |
| 2N120 | A | 12.60 | 8.40 | 2N734* | R+ | 8.95 | 5.95 |
| 2N122 | I | 60.00 | 40.00 | 2N735* | R+ | 8.95 | 5.95 |
| 2N332 | I | 4.65 | 3.10 | 2N736* | R+ | 9.90 | 6.60 |
| USN2N332 | I | 4.95 | 3.30 | 2N736A* | R+ | 9.90 | 6.60 |
| 2N332A | I | 4.95 | 3.30 | 2N738* | R+ | 12.50 | 8.30 |
| 2N333 | I | 4.65 | 3.10 | 2N739* | R+ | 12.50 | 8.30 |
| USN2N333 | I | 4.95 | 3.30 | 2N740* | R+ | 12.40 | 8.30 |
| 2N333A | I | 4.95 | 3.30 | 2N760* | R+ | 11.90 | 7.90 |
| 2N334 | I | 4.65 | 3.10 | 2N760A* | R+ | 14.95 | 9.95 |
| USN2N334 | I | 4.95 | 3.30 | 2N780* | R | 10.95 | 7.30 |
| 2N334A | I | 4.95 | 3.30 | 2N1149/903 | A | 8.65 | 5.75 |
| 2N335 | I | 4.95 | 3.30 | 2N1150/904 | A | 8.65 | 5.75 |
| USN2N335 | I | 5.25 | 3.50 | 2N1151/904A | A | 8.65 | 5.75 |
| 2N335A | I | 5.25 | 3.50 | 2N1152/905 | A | 11.35 | 7.55 |
| 2N336 | I | 6.00 | 4.00 | 2N1153/910 | A | 13.35 | 8.90 |
| 2N336A | I | 6.30 | 4.20 | 2N1276 | I | 3.85 | 2.55 |
| 2N337** | O | 18.40 | 12.25 | 2N1277 | I | 4.25 | 2.84 |
| 2N338** | O | 29.95 | 19.95 | 2N1278 | I | 4.75 | 3.15 |
| 2N473 | I | 3.45 | 2.50 | 2N1279 | I | 5.60 | 3.70 |
| 2N474 | I | 6.40 | 4.30 | 2N1564* | I | 10.35 | 6.90 |
| 2N474A | I | 6.70 | 4.50 | 2N1565* | I | 10.35 | 6.90 |
| 2N475 | I | 7.95 | 5.30 | 2N1566* | I | 10.35 | 6.90 |
| 2N475A | I | 8.25 | 5.50 | 2N1567* | I | 10.35 | 6.90 |
| 2N476 | I | 8.80 | 6.00 | 2N1572* | I | 12.60 | 8.40 |
| 2N477 | I | 9.80 | 6.55 | 2N1573* | I | 12.75 | 8.55 |
| 2N478 | I | 3.70 | 2.80 | 2N1574* | I | 13.65 | 9.15 |
| 2N479 | I | 7.10 | 4.75 | | | | |
| 2N479A | I | 7.40 | 4.95 | | | | |
| 2N480 | I | 9.50 | 6.55 | | | | |
| 2N480A | I | 9.80 | 6.75 | | | | |
| 2N541 | I | 6.20 | 4.10 | | | | |

SWITCHING AND HIGH FREQUENCY

All Are Epitaxial Except * = Diffused Mesa; ** = Planar; (Z) = Epitaxial Mesa; (W) = Epitaxial Planar; (X) = Grown Diffused

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|-------------|------|-------|---------|----------|------|-------|---------|
| 2N337 | I | 4.85 | 3.20 | 2N726(W) | R+ | 15.00 | 10.00 |
| USN2N337 | I | 5.15 | 3.40 | 2N743(Z) | R+ | 7.65 | 5.10 |
| 2N338 | I | 5.65 | 3.65 | 2N744 | R+ | 8.25 | 5.50 |
| USN2N338 | I | 5.95 | 3.85 | 2N753(Z) | R+ | 6.40 | 4.25 |
| 2N2391** | O | 36.00 | 24.00 | 2N849/ | | | |
| 2N2392** | O | 45.00 | 30.00 | T1-430 | O | 8.10 | 5.40 |
| 2N702* | R+ | 12.90 | 8.60 | 2N850/ | | | |
| USA2N702* | R+ | 12.90 | 8.60 | T1-431 | O | 9.60 | 6.40 |
| 2N703* | R+ | 16.35 | 10.90 | 2N851/ | | | |
| USA2N703* | R+ | 16.35 | 10.90 | T1-422 | O | 11.50 | 7.65 |
| 2N706(Z) | R+ | 4.74 | 3.16 | 2N852/ | | | |
| USA2N706(Z) | R+ | 5.40 | 3.60 | T1-423 | O | 12.40 | 8.25 |
| 2N706A(Z) | R+ | 5.40 | 3.60 | 2N2411 | R+ | 18.00 | 12.00 |
| 2N706B(Z) | R+ | 5.40 | 3.60 | 2N2412 | R+ | 22.50 | 15.00 |
| | | | | 2N2410 | R+ | 10.80 | 7.20 |
| | | | | 3N34(X) | H | 17.85 | 11.90 |
| | | | | 3N35(X) | H | 5.00 | 4.15 |
| | | | | JAN3N35 | H | 24.38 | 16.25 |

INDUSTRIAL TYPES

All Are Grown Junction

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|--------|------|------|---------|--------|------|-------|---------|
| 2N1586 | A | 6.20 | 4.15 | 2N1591 | A | 9.15 | 6.10 |
| 2N1587 | A | 7.15 | 4.75 | 2N1592 | A | 7.75 | 5.15 |
| 2N1588 | A | 8.05 | 5.35 | 2N1593 | A | 9.05 | 6.05 |
| 2N1589 | A | 6.95 | 4.65 | 2N1594 | A | 10.30 | 6.85 |
| 2N1590 | A | 8.10 | 5.40 | | | | |

MEDIUM POWER TYPES

All Are Planar Except (V) = Grown Junction; * = Diffused Mesa; (W) = Epitaxial Planar.

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|-----------|------|-------|---------|---------------|------|-------|---------|
| 2N243(V) | J | 13.75 | 9.15 | 2N731 | R+ | 6.55 | 4.35 |
| 2N244(V) | J | 20.45 | 13.60 | 2N870 | R+ | 15.45 | 10.30 |
| 2N339(V) | J | 10.15 | 6.75 | 2N871 | R+ | 18.45 | 12.30 |
| 2N340(V) | J | 10.80 | 7.20 | 2N1131* | I | 8.00 | 5.35 |
| 2N341(V) | J | 17.50 | 11.65 | 2N1132* | I | 20.90 | 15.65 |
| 2N342(V) | J | 11.85 | 7.90 | 2N1154/951(V) | A | 12.65 | 8.40 |
| 2N342A(V) | J | 11.90 | 7.95 | 2N1155/952(V) | A | 13.15 | 8.80 |
| 2N342B(V) | J | 16.75 | 11.20 | 2N1156/953(V) | A | 17.65 | 11.75 |
| 2N343(V) | J | 18.40 | 12.25 | 2N1252(W) | I | 7.00 | 4.65 |
| 2N343B(V) | J | 22.40 | 14.90 | 2N1253(W) | I | 11.95 | 7.95 |
| 2N696 | I | 5.60 | 3.75 | 2N1420 | R+ | 7.95 | 5.30 |
| USA2N696 | I | 5.60 | 3.75 | 2N1507 | I | 7.95 | 5.30 |
| 2N697 | I | 6.55 | 4.35 | 2N1613 | I | 13.10 | 8.75 |
| USA2N697 | I | 6.55 | 4.35 | 2N1711 | I | 15.75 | 10.50 |
| 2N698 | I | 10.05 | 6.95 | 2N1889 | I | 15.45 | 10.30 |
| 2N699 | I | 14.25 | 9.50 | 2N1890 | I | 18.45 | 12.30 |
| 2N717 | R+ | 5.60 | 3.75 | 2N1893 | I | 17.10 | 11.40 |
| 2N718 | R+ | 6.55 | 4.35 | 2N2389 | O | 19.50 | 13.00 |
| 2N718A | R+ | 13.10 | 8.75 | 2N2390 | O | 23.65 | 15.75 |
| 2N719 | R+ | 10.05 | 6.95 | 2N2393 | O | 12.10 | 8.05 |
| 2N719A | R+ | 11.10 | 7.40 | 2N2394 | O | 35.20 | 23.45 |
| 2N720 | R+ | 14.25 | 9.50 | 2N2395 | O | 22.00 | 14.50 |
| 2N720A | R+ | 17.10 | 11.40 | 2N2396 | O | 26.50 | 17.50 |
| 2N721* | R+ | 8.00 | 5.35 | | | | |
| 2N722* | R+ | 20.90 | 15.65 | | | | |
| 2N730 | R+ | 5.60 | 3.75 | | | | |

POWER TYPES

All Are Diffused Mesa

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|----------|------|-------|---------|---------|------|--------|---------|
| USN2N389 | D+ | 42.00 | 28.00 | 2N1048B | F+ | 38.35 | 25.55 |
| 2N424 | D+ | 33.00 | 22.00 | 2N1049 | F+ | 29.95 | 19.95 |
| USN2N424 | D+ | 34.35 | 22.90 | 2N1049A | F+ | 29.95 | 19.95 |
| 2N497 | I+ | 8.85 | 5.90 | 2N1049B | F+ | 33.75 | 22.50 |
| 2N497A | I+ | 8.95 | 5.95 | 2N1050 | F+ | 41.85 | 27.90 |
| JAN2N497 | I+ | 9.30 | 6.20 | 2N1050A | F+ | 41.85 | 27.90 |
| 2N498 | I+ | 11.35 | 7.55 | 2N1050B | F+ | 47.05 | 31.35 |
| JAN2N498 | I+ | 11.80 | 7.85 | 2N1690 | F+ | 28.10 | 18.70 |
| 2N656 | I+ | 9.85 | 6.55 | 2N1691 | F+ | 40.80 | 27.20 |
| 2N656A | I+ | 9.95 | 6.60 | 2N1714 | G+ | 17.10 | 11.40 |
| JAN2N656 | I+ | 10.30 | 6.85 | 2N1715 | G+ | 22.95 | 15.30 |
| USN2N656 | I+ | 10.30 | 6.85 | 2N1716 | G+ | 19.45 | 12.95 |
| 2N657 | I+ | 10.05 | 6.70 | 2N1717 | G+ | 25.50 | 17.00 |
| 2N657A | I+ | 10.15 | 6.75 | 2N1718 | S+ | 17.95 | 11.95 |
| JAN2N657 | I+ | 10.50 | 7.00 | 2N1719 | S+ | 23.75 | 15.85 |
| USN2N657 | I+ | 10.50 | 7.00 | 2N1720 | S+ | 20.25 | 13.50 |
| 2N1047 | F+ | 25.35 | 16.90 | 2N1721 | S+ | 26.40 | 17.60 |
| 2N1047A | F+ | 25.35 | 16.90 | 2N1722 | D+ | 67.25 | 44.75 |
| 2N1047B | F+ | 25.95 | 17.30 | 2N1724 | N+ | 69.00 | 46.00 |
| 2N1048 | F+ | 32.95 | 21.95 | | | 1-24 | 24.99 |
| 2N1048A | F+ | 32.95 | 21.95 | 2N1936 | P+ | 130.00 | 112.00 |
| | | | | 2N1937 | P+ | 172.00 | 150.00 |

UNIJUNCTION TYPES

All Are Grown Junction

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|-------|------|-------|---------|---------|------|-------|---------|
| 2N489 | I | 7.10 | 4.75 | 2N494 | I | 10.90 | 7.30 |
| 2N490 | I | 7.80 | 5.20 | 2N1671 | I | 2.95 | 1.98 |
| 2N491 | I | 8.40 | 5.60 | 2N1671A | I | 3.20 | 2.14 |
| 2N492 | I | 9.80 | 6.55 | 2N1671B | I | 3.55 | 2.36 |
| 2N493 | I | 10.75 | 7.20 | | | | |

SILICON INDUSTRIAL TRANSISTORS

All Are Grown Junction Except * = Diffused Mesa

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|---------|------|------|---------|---------|------|------|---------|
| T1-480 | J | 1.55 | 1.20 | T1-486* | G+ | 5.00 | 3.85 |
| T1-481 | J | 1.90 | 1.45 | T1-487* | S+ | 5.65 | 4.35 |
| T1-482* | I | 2.15 | 1.65 | T1-493 | I | 1.55 | 1.20 |
| T1-483 | I | 2.40 | 1.85 | T1-494 | I | 1.90 | 1.45 |
| T1-484* | I | 2.95 | 2.25 | T1-495 | I | 2.50 | 1.90 |
| T1-485* | R+ | 3.25 | 2.50 | T1-496 | J | 1.70 | 1.35 |

GERMANIUM TRANSISTORS

All are Alloy Junction Except * = Diffused Mesa; ** = Epitaxial Mesa; (B) = Alloy Diffused; (C) = Alloy Mesa

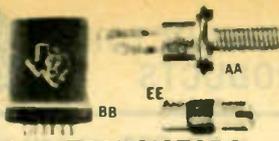
POWER-GENERAL TYPES

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|------------|--------|-------|---------|------------|--------|-------|---------|
| 2M250 | K | 1.90 | 1.25 | 2N1040 | B.C.E. | 11.25 | 7.50 |
| 2M251 | K | 2.25 | 1.50 | 2N1041 | B.C.E. | 15.75 | 10.50 |
| 2N456A | K | 2.60 | 1.75 | USN 2N1041 | | | |
| USA 2N456A | K | 3.75 | 2.50 | | B.C.E. | 16.50 | 11.00 |
| 2N457A | K | 3.30 | 2.20 | 2N1042 | B.C.E. | 5.25 | 3.50 |
| | | | | USA 2N1042 | | | |
| | | | | | B.C.E. | 6.00 | 4.00 |
| USA 2N457A | K | 4.45 | 2.95 | 2N1043 | B.C.E. | 9.00 | 6.00 |
| 2N458A | K | 4.70 | 3.15 | USA 2N1043 | | | |
| USA 2N458A | K | 5.85 | 3.90 | | B.C.E. | 9.75 | 6.50 |
| 2N1021 | K | 6.20 | 4.15 | 2N1044 | B.C.E. | 13.50 | 9.00 |
| USA 2N1021 | K | 7.35 | 4.90 | USA 2N1044 | | | |
| | | | | | B.C.E. | 14.25 | 9.50 |
| 2N1022 | K | 9.75 | 6.50 | 2N1045 | B.C.E. | 18.00 | 12.00 |
| USA 2N1022 | K | 10.90 | 7.35 | USA 2N1045 | | | |
| 2N1038 | B.C.E. | 2.85 | 1.90 | | B.C.E. | 18.75 | 12.50 |
| 2N1039 | B.C.E. | 3.75 | 2.50 | | | | |
| USN 2N1039 | | | | | | | |

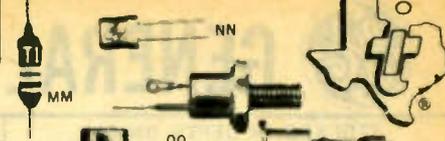
SWITCHING

(A) = Bi-Directional (B) = Core Driver

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|-------|------|-------|---------|------|------|------|---------|
| 2N388 | I | .60</ | | | | | |



SEMICONDUCTORS



GERMANIUM TRANSISTORS SMALL SIGNAL

All Are Diffused Mesa Except (B) = Alloy Diffused. See Preceding Page For Case Illustrations.

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|---------|------|-------|---------|-----------|------|------|---------|
| 2N1398 | H | 10.50 | 7.00 | 2N1402 | H | 4.38 | 2.92 |
| 2N1399 | H | 8.25 | 5.50 | 2N2188(B) | L | 1.27 | .85 |
| 2N1400 | H | 4.74 | 3.16 | 2N2189(B) | L | 1.64 | 1.09 |
| 2N1401 | H | 4.74 | 3.16 | 2N2190(B) | L | 1.47 | .98 |
| 2N1401A | H | 6.60 | 4.40 | 2N2191(B) | L | 1.86 | 1.23 |

SMALL SIGNAL—HIGH FREQUENCY

All Are Diffused Mesa.

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|--------|------|-------|---------|--------|------|-------|---------|
| 2N1141 | M | 10.12 | 6.75 | 2N1405 | H | 11.80 | 7.90 |
| 2N1142 | M | 9.45 | 6.30 | 2N1406 | H | 7.30 | 4.88 |
| 2N1143 | M | 6.38 | 4.25 | 2N1407 | H | 6.95 | 4.65 |
| 2N1195 | M | 6.65 | 4.42 | 2N2363 | R | 11.80 | 7.90 |

SMALL SIGNAL—GENERAL PURPOSE

All Are Alloy Junction.

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|--------|------|------|---------|--------|------|------|---------|
| 2N1273 | I | .67 | .44 | 2N1376 | I | 1.29 | .86 |
| 2N1274 | I | .69 | .46 | 2N1377 | I | 1.50 | 1.00 |
| 2N1370 | I | 1.72 | .48 | 2N1378 | I | 1.29 | .86 |
| 2N1371 | I | 1.14 | .76 | 2N1379 | I | 1.44 | .96 |
| 2N1372 | I | .82 | .54 | 2N1380 | I | .67 | .44 |
| 2N1373 | I | 1.20 | .80 | 2N1381 | I | .72 | .48 |
| 2N1374 | I | 1.02 | .68 | 2N1382 | I | .99 | .66 |
| 2N1375 | I | 1.39 | .92 | 2N1383 | I | .92 | .61 |

SILICON CONTROLLED RECTIFIERS

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|--------|------|-------|---------|--------|------|--------|---------|
| 2N1595 | PP | 7.65 | 5.10 | 2N1770 | AA | 6.75 | 4.50 |
| 2N1596 | PP | 10.65 | 7.10 | 2N1771 | AA | 8.25 | 5.50 |
| 2N1597 | PP | 15.00 | 10.00 | 2N1772 | AA | 11.25 | 7.50 |
| 2N1598 | PP | 34.50 | 23.00 | 2N1773 | AA | 13.25 | 8.80 |
| 2N1599 | PP | 53.25 | 35.50 | 2N1774 | AA | 15.00 | 10.00 |
| 2N1600 | AA | 7.65 | 5.10 | 2N1775 | AA | 24.00 | 16.00 |
| 2N1601 | AA | 10.65 | 7.10 | 2N1776 | AA | 34.50 | 23.00 |
| 2N1602 | AA | 15.00 | 10.00 | 2N1777 | AA | 53.25 | 35.50 |
| 2N1603 | AA | 22.50 | 15.00 | 2N681 | OO | 14.65 | 9.75 |
| 2N1604 | AA | 37.50 | 25.00 | 2N682 | OO | 15.75 | 10.50 |
| 2N1929 | RR | 6.75 | 4.50 | 2N683 | OO | 19.50 | 13.00 |
| 2N1930 | RR | 7.65 | 5.10 | 2N684 | OO | 25.50 | 17.00 |
| 2N1931 | RR | 10.65 | 7.10 | 2N685 | OO | 30.00 | 20.00 |
| 2N1932 | RR | 13.25 | 8.80 | 2N686 | OO | 37.50 | 25.00 |
| 2N1933 | RR | 15.00 | 10.00 | 2N687 | OO | 49.50 | 33.00 |
| 2N1934 | RR | 24.00 | 16.00 | 2N688 | OO | 75.00 | 50.00 |
| 2N1935 | RR | 34.50 | 23.00 | 2N689 | OO | 102.75 | 68.50 |

GENERAL PURPOSE—SILICON DIODES

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|-----------|------|------|---------|--------|------|------|---------|
| 1N456 | MM | 2.20 | 1.76 | 1N485A | MM | 3.60 | 2.54 |
| 1N456A | MM | 2.20 | 1.76 | 1N485B | MM | 4.20 | 3.35 |
| 1N457 | MM | 2.40 | 1.85 | 1N486 | MM | 3.15 | 2.23 |
| 1N457A | MM | 2.40 | 1.85 | 1N486A | MM | 4.30 | 3.04 |
| JAN1N457 | MM | 2.40 | 1.85 | 1N486B | MM | 5.00 | 3.75 |
| 1N458 | MM | 2.60 | 2.08 | 1N487 | MM | 4.00 | 2.85 |
| 1N458A | MM | 2.92 | 2.34 | 1N487A | MM | 6.60 | 4.67 |
| JAN1N458A | MM | 2.60 | 2.08 | 1N488 | MM | 5.05 | 3.57 |
| 1N459 | MM | 3.00 | 2.40 | 1N488A | MM | 8.00 | 5.68 |
| 1N459A | MM | 4.20 | 3.35 | 1N3575 | MM | 1.75 | 1.45 |
| JAN1N459A | MM | 3.00 | 2.40 | 1N3576 | MM | 2.15 | 1.79 |
| 1N461 | MM | 1.15 | .90 | 1N3577 | MM | 2.30 | 1.87 |
| 1N462 | MM | 1.82 | 1.31 | 1N3578 | MM | 2.73 | 2.22 |
| 1N463 | MM | 1.95 | 1.49 | 600 | MM | 3.00 | 2.31 |
| 1N464 | MM | 1.85 | 1.40 | 601 | NN | 1.94 | 1.58 |
| 1N482 | MM | 1.60 | 1.19 | 604 | NN | 3.60 | 2.94 |
| 1N482A | MM | 2.00 | 1.60 | 608 | NN | 3.25 | 2.66 |
| 1N482B | MM | 2.20 | 1.76 | 610 | NN | 3.30 | 2.70 |
| 1N483 | MM | 2.00 | 1.60 | 612 | NN | 3.40 | 2.78 |
| 1N483A | MM | 2.12 | 1.70 | 614 | NN | 3.50 | 2.86 |
| 1N483B | MM | 2.60 | 1.90 | 616 | NN | 3.60 | 2.94 |
| 1N484 | MM | 2.35 | 1.90 | 618 | NN | 3.60 | 2.94 |
| 1N484A | MM | 2.52 | 2.02 | 620 | NN | 3.65 | 2.99 |
| 1N484B | MM | 2.92 | 2.34 | 622 | NN | 3.70 | 3.03 |
| 1N485 | MM | 2.55 | 1.95 | 624 | NN | 3.75 | 3.07 |

GALLIUM ARSENIDE VARACTOR DIODES

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|-------|------|--------|---------|-------|------|--------|---------|
| XD500 | EE | 170.00 | 140.00 | XO502 | EE | 400.00 | 329.00 |
| XD501 | EE | 280.00 | 240.00 | | | | |

STABISTORS

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|-------|------|------|---------|-------|------|------|---------|
| G-129 | MM | 1.30 | .85 | G-130 | MM | 1.30 | .85 |

GENERAL PURPOSE—SILICON RECTIFIERS

| Type | Case | 1-99 | 100-999 | Type | Case | 1-99 | 100-999 |
|----------|------|-------|---------|------------|------|-------|---------|
| 1N253 | II | 1.19 | .79 | 1N607 | II | 1.14 | .76 |
| JAN1N253 | II | 1.28 | .85 | 1N607A | II | 1.25 | .83 |
| 1N254 | II | 1.25 | .83 | 1N608 | II | 1.19 | .79 |
| JAN1N254 | II | 1.34 | .89 | 1N608A | II | 1.29 | .86 |
| 1N255 | II | 1.97 | 1.31 | 1N609 | II | 1.22 | .81 |
| JAN1N255 | II | 2.06 | 1.37 | 1N609A | II | 1.34 | .89 |
| 1N256 | II | 2.85 | 1.90 | 1N610 | II | 1.25 | .83 |
| JAN1N256 | II | 2.94 | 1.96 | 1N610A | II | 1.47 | .92 |
| 1N332 | II | 1.97 | 1.31 | 1N611 | II | 1.58 | 1.05 |
| 1N333 | II | 1.97 | 1.31 | 1N611A | II | 1.77 | 1.18 |
| 1N334 | II | 1.58 | 1.05 | 1N612 | II | 1.97 | 1.31 |
| 1N335 | II | 1.58 | 1.05 | 1N612A | II | 2.16 | 1.44 |
| 1N336 | II | 1.25 | .83 | 1N613 | II | 1.97 | 1.31 |
| 1N337 | II | 1.25 | .83 | 1N613A | II | 2.16 | 1.44 |
| 1N338 | II | 2.10 | 1.40 | 1N614 | II | 2.85 | 1.90 |
| 1N339 | II | 1.19 | .79 | 1N614A | II | 3.15 | 2.10 |
| 1N340 | II | 1.19 | .79 | 1N1095 | JJ | .98 | .65 |
| 1N341 | II | 1.97 | 1.31 | 1N1096 | JJ | 1.43 | .95 |
| 1N342 | II | 1.97 | 1.31 | 1N1100 | JJ | .92 | .61 |
| 1N343 | II | 1.58 | 1.05 | 1N1101 | JJ | 1.13 | .75 |
| 1N344 | II | 1.58 | 1.05 | 1N1102 | JJ | 1.46 | .97 |
| 1N345 | II | 1.25 | .83 | 1N1103 | JJ | 2.13 | 1.42 |
| 1N346 | II | 1.25 | .83 | 1N1104 | JJ | 3.30 | 2.10 |
| 1N347 | II | 2.00 | 1.30 | 1N1105 | JJ | 3.60 | 2.40 |
| 1N348 | II | 1.19 | .79 | 1N1115 | II | 1.19 | .75 |
| 1N349 | II | 1.19 | .79 | 1N1116 | II | 1.25 | .83 |
| 1N440B | JJ | .83 | .55 | 1N1117 | II | 1.58 | 1.05 |
| 1N441B | JJ | .86 | .57 | 1N1118 | II | 1.97 | 1.31 |
| 1N442B | JJ | .99 | .66 | 1N1119 | II | 1.87 | 1.31 |
| 1N443B | JJ | 1.24 | .83 | 1N1120 | II | 2.85 | 1.90 |
| 1N444B | JJ | 1.40 | .94 | 1N1124 | II | 2.70 | 2.21 |
| 1N445B | JJ | 1.82 | 1.21 | 1N1125 | II | 4.73 | 3.87 |
| 1N530 | JJ | .68 | .43 | 1N1126 | II | 6.76 | 5.56 |
| 1N531 | JJ | .85 | .55 | 1N1127 | II | 8.32 | 6.80 |
| 1N532 | JJ | 1.00 | .70 | 1N1128 | II | 8.32 | 6.80 |
| 1N533 | JJ | 1.20 | .80 | 1N1124A | II | 2.70 | 2.21 |
| 1N534 | JJ | 1.25 | .84 | USN1N1124A | II | 3.58 | 2.92 |
| 1N535 | JJ | 2.40 | 1.60 | 1N1125A | II | 3.38 | 2.76 |
| 1N536 | JJ | .53 | .35 | 1N1126A | II | 4.73 | 3.87 |
| 1N537 | JJ | .60 | .40 | USN1N1126A | II | 6.26 | 5.13 |
| 1N538 | JJ | .68 | .45 | 1N1127A | II | 6.76 | 5.56 |
| JAN1N538 | JJ | .75 | .50 | 1N1128A | II | 8.32 | 6.80 |
| 1N539 | JJ | .83 | .55 | USN1N1128A | II | 11.01 | 8.99 |
| 1N540 | JJ | .98 | .65 | 1N1130 | KK | 11.20 | 7.60 |
| JAN1N540 | JJ | 1.05 | .70 | 1N1131 | KK | 11.20 | 7.60 |
| 1N547 | JJ | 1.43 | .95 | 1N1133 | KK | 11.20 | 7.60 |
| JAN1N547 | JJ | 1.52 | 1.01 | 1N550 | II | 1.29 | .86 |
| 1N551 | II | 1.38 | .92 | 1N551 | II | 1.38 | .92 |
| 1N552 | II | 1.77 | 1.18 | 1N487 | JJ | .69 | .46 |
| 1N553 | II | 2.16 | 1.44 | 1N488 | JJ | .81 | .54 |
| 1N554 | II | 2.16 | 1.44 | 1N489 | JJ | 1.04 | .69 |
| 1N555 | II | 3.15 | 2.10 | 1N490 | JJ | 1.19 | .79 |
| 1N570 | BB | 32.20 | 24.60 | 1N491 | JJ | 1.19 | .79 |
| 1N588 | LL | 8.10 | 5.40 | 1N492 | JJ | 2.00 | 1.33 |
| 1N589 | LL | 11.20 | 7.60 | 1N493 | II | 2.45 | 1.85 |
| 1N599 | JJ | .74 | .49 | 1N494 | II | 3.50 | 2.65 |
| 1N599A | JJ | 1.31 | .87 | 1N495 | II | 4.45 | 3.35 |
| 1N600 | JJ | .92 | .61 | 1N496 | II | 7.25 | 5.45 |
| 1N600A | JJ | 1.46 | .97 | 1N585 | II | 9.95 | 7.50 |
| 1N601 | JJ | .98 | .65 | 1N586 | II | 12.75 | 9.60 |
| 1N601A | JJ | 1.59 | 1.06 | 1N587 | II | 15.50 | 11.65 |
| 1N602 | JJ | 1.05 | .70 | 1N588 | II | 2.45 | 1.85 |
| 1N602A | JJ | 1.68 | 1.12 | 1N589 | II | 3.50 | 2.65 |
| 1N603 | JJ | 1.37 | .91 | 1N590 | II | 4.45 | 3.35 |
| 1N603A | JJ | 2.07 | 1.38 | 1N591 | II | 7.25 | 5.45 |
| 1N604 | JJ | 1.86 | 1.24 | 1N592 | II | 8.32 | 6.80 |
| 1N604A | JJ | 2.52 | 1.68 | | | | |



GENERAL ELECTRIC

SEMICONDUCTOR PRODUCTS



STOCKED IN DEPTH ON ALL DEVICES INCLUDING MIL TYPES



1 TO 999 AT OEM PRICES

SILICON TRANSISTORS

| Type | 1-99 | 100-999 | Type | 1-99 | 100-999 |
|------------|-------|---------|-----------|-------|---------|
| 2N332 | 4.65 | 3.10 | JAN 2N657 | 10.50 | 7.00 |
| 2N332A | 4.95 | 3.30 | 2N696 | 4.15 | 2.75 |
| USN 2N332 | 4.95 | 3.30 | USA 2N696 | 4.45 | 2.95 |
| 2N333 | 4.65 | 3.10 | | | |
| 2N333A | 4.95 | 3.30 | 2N697 | 4.95 | 3.30 |
| | | | USA 2N697 | 5.25 | 3.50 |
| USN 2N333 | 4.95 | 3.30 | 2N698 | 10.05 | 6.95 |
| 2N334 | 4.65 | 3.10 | 2N699 | 14.25 | 9.50 |
| 2N334A | 4.95 | 3.30 | 2N705 | 2.48 | 1.65 |
| USN 2N334 | 4.95 | 3.30 | | | |
| 2N335 | 4.95 | 3.30 | USN 2N705 | 3.00 | 2.00 |
| | | | 2N706 | 3.72 | 2.48 |
| 2N335A | 5.25 | 3.50 | 2N706A | 4.15 | 2.75 |
| USN 2N335 | 5.25 | 3.50 | 2N708 | 4.60 | 3.05 |
| 2N335B | 8.90 | 5.95 | 2N710 | 2.48 | 1.65 |
| 2N336 | 6.00 | 4.00 | | | |
| 2N336A | 6.30 | 4.20 | 2N711 | 1.45 | .97 |
| | | | 2N711A | 1.45 | .97 |
| 2N337 | 4.85 | 3.20 | 2N711B | 1.53 | 1.02 |
| 2N337A | 5.15 | 3.40 | 2N717 | 5.60 | 3.75 |
| USN 2N337 | 5.15 | 3.40 | 2N718 | 6.55 | 4.35 |
| 2N338 | 5.50 | 3.65 | | | |
| 2N338A | 5.80 | 3.85 | 2N718A | 13.10 | 8.75 |
| | | | 2N719 | 10.05 | 6.95 |
| USN 2N338 | 5.80 | 3.85 | 2N719A | 11.10 | 7.40 |
| 2N470 | 3.45 | 2.30 | 2N720 | 14.25 | 9.50 |
| 2N471 | 5.60 | 3.75 | 2N720A | 17.10 | 11.40 |
| 2N472 | 7.45 | 4.95 | | | |
| 2N473 | 3.45 | 4.95 | 2N725 | 4.00 | 2.67 |
| | | | 2N753 | 6.40 | 4.25 |
| 2N474 | 6.40 | 4.30 | 2N759 | 11.55 | 7.70 |
| 2N475 | 7.95 | 5.30 | 2N760 | 11.90 | 7.90 |
| 2N478 | 3.70 | 2.80 | 2N782 | 4.05 | 2.70 |
| 2N479 | 7.10 | 4.75 | | | |
| 2N480 | 9.50 | 6.55 | 2N834 | 8.25 | 5.50 |
| | | | 2N914 | 7.90 | 5.25 |
| 2N489 | 7.10 | 4.75 | 2N915 | 16.20 | 10.85 |
| 2N489A | 7.65 | 5.10 | 2N916 | 12.30 | 8.25 |
| 2N489B | 9.15 | 6.10 | 2N1276 | 3.85 | 2.55 |
| USAF 2N489 | 7.85 | 5.25 | | | |
| 2N490 | 7.80 | 5.20 | 2N1277 | 4.25 | 2.84 |
| | | | 2N1278 | 4.75 | 3.15 |
| 2N490A | 8.35 | 5.55 | 2N1279 | 5.60 | 3.70 |
| 2N490B | 9.85 | 6.55 | 2N1613 | 13.10 | 8.75 |
| USAF 2N490 | 8.55 | 5.70 | 2N1671 | 2.95 | 1.98 |
| 2N491 | 8.40 | 5.60 | | | |
| 2N491A | 8.90 | 5.95 | 2N1671A | 3.20 | 2.14 |
| | | | 2N1671B | 3.55 | 2.36 |
| 2N491B | 10.40 | 6.95 | 2N1711 | 15.75 | 10.50 |
| USAF 2N491 | 9.15 | 6.10 | 2N1893 | 17.10 | 11.40 |
| 2N492 | 9.80 | 6.55 | 2N1977 | 8.35 | 5.55 |
| 2N492A | 10.40 | 6.95 | | | |
| 2N492B | 11.90 | 7.95 | 2N2106 | 3.70 | 2.45 |
| | | | 2N2107 | 4.20 | 2.80 |
| USAF 2N492 | 10.55 | 7.05 | 2N2108 | 4.35 | 2.90 |
| 2N493 | 10.75 | 7.20 | 2N2160 | 1.49 | .99 |
| 2N493A | 11.20 | 7.50 | 2N2192 | 18.00 | 12.00 |
| 2N493B | 12.75 | 8.50 | | | |
| USAF 2N493 | 11.40 | 7.60 | 2N2192A | 19.50 | 13.00 |
| | | | 2N2193 | 15.40 | 10.25 |
| 2N494 | 10.90 | 7.30 | 2N2193A | 16.90 | 11.25 |
| 2N494A | 11.40 | 7.60 | 2N2194 | 7.90 | 5.25 |
| 2N494B | 12.90 | 8.60 | 2N2194A | 10.10 | 6.75 |
| USAF 2N494 | 11.60 | 7.70 | | | |
| 2N497 | 8.85 | 5.90 | 2N2195 | 5.25 | 3.50 |
| | | | 2N2195A | 7.90 | 5.25 |
| 2N497A | 8.85 | 5.90 | 2N2196 | 7.00 | 4.70 |
| JAN 2N497 | 9.30 | 6.20 | 2N2197 | 7.70 | 5.10 |
| 2N498 | 11.35 | 7.55 | 2N2417 | 10.50 | 7.00 |
| 2N498A | 11.35 | 7.55 | | | |
| JAN 2N498 | 11.80 | 7.85 | 2N2417A | 11.00 | 7.35 |
| | | | 2N2418 | 11.15 | 7.45 |
| 2N541 | 6.20 | 4.10 | 2N2418A | 11.65 | 7.80 |
| 2N542 | 6.30 | 4.20 | 2N2419 | 12.60 | 8.40 |
| 2N543 | 8.10 | 5.40 | 2N2419A | 13.10 | 8.75 |
| 2N634 | 1.00 | .67 | | | |
| 2N634A | 1.00 | .67 | 2N2420 | 13.25 | 8.85 |
| | | | 2N2420A | 13.75 | 9.20 |
| 2N635 | 1.41 | .94 | 2N2421 | 13.50 | 9.00 |
| 2N635A | 1.41 | .94 | 2N2421A | 14.00 | 9.35 |
| 2N636 | 2.11 | 1.41 | 2N2422 | 13.75 | 9.20 |
| 2N636A | 2.11 | 1.41 | | | |
| 2N656 | 9.85 | 6.55 | 2N2422A | 14.25 | 9.55 |
| 2N656A | 9.85 | 6.55 | 3N58 | 3.40 | 2.25 |
| JAN 2N656 | 10.30 | 6.85 | 3N59 | 3.75 | 2.50 |
| 2N657 | 10.05 | 6.70 | 3N60 | 4.15 | 2.75 |

GERMANIUM TRANSISTORS

| | | | | | |
|------------|------|------|------------|------|------|
| 2N43 | 4.15 | 2.75 | 2N45 | | |
| 2N43A | 4.15 | 2.75 | 2N78 | 2.50 | 1.65 |
| USAF 2N43A | 5.25 | 3.50 | 2N78A | 2.70 | 1.80 |
| 2N44 | 2.95 | 1.95 | USAF 2N78A | 3.10 | 2.10 |
| USAF 2N44A | 4.95 | 3.30 | 2N107** | .55 | .37 |

GERMANIUM TRANSISTORS Cont'd.

| Type | 1-99 | 100-999 | Type | 1-99 | 100-999 |
|-------------|------|---------|------------|------|---------|
| GE-M100 | 1.50 | | 2N388 | 1.50 | 1.00 |
| 2N123 | 3.65 | 2.45 | USN 2N388 | 2.35 | 1.55 |
| USAF 2N123 | 4.50 | 3.00 | 2N394 | .66 | .44 |
| 2N135 | 2.15 | 1.44 | 2N394A | .58 | .39 |
| 2N136 | 2.55 | 1.71 | 2N395 | .67 | .44 |
| | | | 2N396 | .84 | .56 |
| 2N137 | 6.20 | 4.15 | 2N396A | .84 | .56 |
| 2N167 | 5.10 | 3.40 | USN 2N396A | 1.50 | 1.00 |
| 2N167A | 5.10 | 3.40 | JAN 2N396A | 1.50 | 1.00 |
| USAF 2N167A | 5.65 | 3.78 | 2N397 | 1.33 | .89 |
| 2N169 | 1.57 | 1.05 | | | |
| | | | 2N404 | .63 | .42 |
| 2N169A | 2.40 | 1.60 | 2N404A | .96 | .64 |
| 2N170 | .75 | .50 | USAF 2N404 | .63 | .42 |
| 2N187A | 1.50 | 1.00 | 2N413 | .83 | .55 |
| 2N188A | 1.64 | 1.09 | | | |
| 2N189 | .70 | .47 | 2N414 | .83 | .55 |
| | | | 2N427 | 1.17 | .78 |
| 2N190 | .75 | .50 | 2N428 | 1.80 | 1.20 |
| 2N191 | .83 | .55 | JAN 2N428 | 2.91 | 1.94 |
| USN 2N192 | 1.57 | 1.05 | 2N448 | .83 | .55 |
| 2N241A | .92 | .61 | | | |
| 2N265 | 1.87 | 1.24 | 2N449 | 1.57 | 1.05 |
| | | | 2N450 | 2.10 | 1.40 |
| 2N292 | .75 | .50 | 2N461 | 1.75 | 1.15 |
| 2N293 | .83 | .55 | USAF 2N461 | 3.45 | 2.30 |
| 2N319 | .44 | .29 | 2N508 | .83 | .55 |
| 2N320 | .59 | .39 | | | |
| 2N321 | .68 | .45 | 2N524 | 1.35 | .90 |
| 2N322 | .48 | .32 | 2N525 | 1.65 | 1.10 |
| 2N323 | .60 | .40 | 2N526 | 1.65 | 1.10 |
| 2N324 | .75 | .50 | USN 2N526 | 1.74 | 1.16 |
| 2N377 | 1.56 | 1.04 | JAN 2N526 | 1.74 | 1.16 |
| 2N385 | 1.89 | 1.26 | | | |

| Type | 1-99 | 100-999 | Type | 1-99 | 100-999 |
|---------|-------|---------|------------|------|---------|
| 2N527 | 1.91 | 1.27 | USN 2N1303 | .51 | .34 |
| 2N634 | 1.00 | .67 | 2N1304 | .61 | .41 |
| 2N634A | 1.00 | .67 | 2N1305 | .61 | .41 |
| 2N635 | 1.41 | .94 | USN 2N1305 | .64 | .43 |
| 2N635A | 1.41 | .94 | 2N1306 | 1.11 | .74 |
| | | | 2N1307 | 1.11 | .74 |
| 2N636 | 2.11 | 1.41 | | | |
| 2N636A | 2.11 | 1.41 | USN 2N1307 | 1.17 | .79 |
| 2N628 | 6.00 | 4.00 | 2N1308 | 1.64 | 1.09 |
| 2N960 | 3.85 | 2.56 | 2N1413 | .80 | .53 |
| 2N961 | 3.15 | 2.10 | 2N1414 | .83 | .55 |
| | | | 2N1415 | .99 | .66 |
| 2N962 | 2.40 | 1.60 | | | |
| 2N964 | 4.10 | 2.74 | 2N1510 | 2.40 | 1.60 |
| 2N965 | 3.75 | 2.50 | 2N1605 | 1.25 | .83 |
| 2N966 | 2.85 | 1.90 | 2N1614 | 2.50 | 1.65 |
| 2N1057 | 5.25 | 3.50 | 2N1694 | .99 | .66 |
| | | | 2N1924 | 1.90 | 1.25 |
| 2N1086 | .83 | .70 | | | |
| 2N1086A | 1.57 | 1.05 | 2N1925 | 2.10 | 1.40 |
| 2N1087 | 1.82 | 1.21 | 2N1926 | 2.45 | 1.65 |
| 2N1097 | .47 | .31 | 3N36 | 8.05 | 5.35 |
| 2N1098 | .42 | .28 | 3N37 | 9.20 | 6.10 |
| | | | GE-1 | 1.30 | |
| 2N1115 | 13.80 | 9.20 | | | |
| 2N1121 | 1.57 | 1.05 | GE-2 | 1.20 | |
| 2N1144 | .68 | .45 | GE-3 | 2.25 | |
| 2N1145 | .60 | .40 | GE-4 | 4.90 | |
| 2N1175 | .99 | .66 | GE-5 | 1.75 | |
| | | | GE-6 | 1.75 | |
| 2N1175A | 1.50 | 1.00 | | | |
| 2N1217 | 2.80 | 1.90 | GE-7 | 1.58 | |
| 2N1302 | .49 | .33 | GE-8 | 1.26 | |
| 2N1303 | .49 | .33 | | | |

SILICON CONTROLLED RECTIFIERS LOW CURRENT

| Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | Type | 1-99 | 100-999 |
|---------------|-------|---------|---------------|-------|---------|-------------|-------|---------|------|-------|---------|
| 2N1770(O11U) | 6.15 | 4.10 | 2N1777A(C100) | 39.00 | 26.00 | 2N2329(C50) | 41.25 | 27.50 | C9H | 19.80 | 13.20 |
| 2N1771(C11F) | 7.65 | 5.10 | 2N1929(C8U) | 6.15 | 4.10 | 2N2344(C7U) | 8.10 | 5.40 | C9C | 24.20 | 16.10 |
| 2N1772(C11A) | 10.70 | 7.10 | 2N1930(C8F) | 7.65 | 5.10 | 2N2345(C7F) | 10.00 | 6.70 | C12U | 6.75 | 4.50 |
| 2N1773(C11G) | 13.20 | 8.80 | 2N1931(C8G) | 10.70 | 7.10 | 2N2346(C7A) | 14.10 | 9.40 | C12F | 8.40 | 5.60 |
| 2N1774(C11B) | 15.00 | 10.00 | 2N1932(C8A) | 13.20 | 8.80 | 2N2347(C7C) | 16.50 | 11.00 | C12A | 11.70 | 7.80 |
| | | | | | | | | | | | |
| 2N1775(C11H) | 18.00 | 12.00 | 2N1933(C8B) | 15.00 | 10.00 | 2N2348(C7B) | 19.80 | 13.20 | C12C | 14.60 | 9.70 |
| 2N1776(C11C) | 22.00 | 14.65 | 2N1934(C8H) | 18.00 | 12.00 | 2N1595 | 7.65 | 5.10 | C12B | 16.50 | 11.00 |
| 2N1777(C11D) | 31.00 | 20.75 | 2N1935(C8C) | 22.00 | 14.65 | 2N1596 | 10.65 | 7.10 | C12H | 19.80 | 13.20 |
| 2N1770A(C10U) | 6.15 | 4.50 | 2N2322(C5U) | 6.75 | 4.50 | 2N1597 | 15.00 | 10.00 | C12C | 24.20 | 16.10 |
| 2N1771A(C10F) | 8.40 | 5.60 | 2N2323(C5F) | 8.40 | 5.60 | 2N1598 | 22.50 | 15.00 | C15U | 4.65 | 3.10 |
| | | | | | | | | | | | |
| 2N1772A(C10A) | 11.70 | 7.80 | 2N2324(C5A) | 11.70 | 7.80 | 2N1599 | 37.50 | 25.00 | C15F | 4.80 | 3.20 |
| 2N1773A(C10G) | 14.70 | 9.80 | 2N2325(C5G) | 13.50 | 9.00 | C9U | 6.75 | 4.50 | C15A | 5.10 | 3.40 |
| 2N1774A(C10B) | 16.70 | 11.10 | 2N2326(C5B) | 16.50 | 11.00 | C9F | 8.40 | 5.60 | C15G | 5.85 | 3.90 |
| 2N1775A(C10H) | 22.50 | 15.00 | 2N2327(C5H) | 19.50 | 13.00 | C9A | 11.70 | 7.80 | C15B | 6.30 | 4.20 |
| 2N1776A(C10C) | 27.75 | 18.50 | 2N2328(C5C) | 24.75 | 16.50 | C9G | 14.60 | 9.70 | C15C | 8.70 | 5.80 |
| | | | | | | C9B | 16.50 | 11.00 | C15D | 10.30 | 6.85 |

MEDIUM CURRENT

| Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | Type |
|------|------|---------|------|------|---------|------|------|---------|------|
|------|------|---------|------|------|---------|------|------|---------|------|

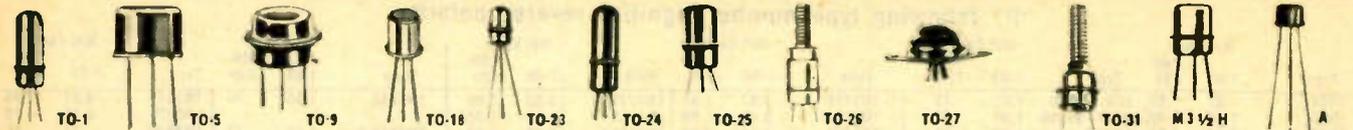
GENERAL ELECTRIC RECTIFIER CELLS

"R" following type number signifies reverse polarity

| Net Each | | Net Each | | Net Each | | Net Each | | Net Each | | Net Each | | Net Each | | | | | |
|------------|-------|----------|------------|----------|---------|-------------|-------|----------|-------------|----------|---------|----------|------|---------|----------|------|------|
| Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | Type | 1-99 | 100-999 | | | |
| 1N91 | .85 | .55 | JAN 1N540 | 1.05 | .70 | 1N1119 | 1.97 | 1.31 | 1N1222A | 2.83 | 1.89 | 1N2610 | 1.05 | .70 | 1N3573 | 4.27 | 2.85 |
| 1N92 | 1.95 | 1.30 | USAF 1N541 | 1.05 | .70 | 1N1120 | 2.85 | 1.90 | 1N1223 | 1.95 | 1.30 | 1N2610-S | 1.13 | .78 | 1N3574 | 6.15 | 4.10 |
| 1N93 | 2.70 | 1.80 | 1N547 | 1.43 | .95 | 1N1191 | 3.75 | 2.50 | 1N1223A | 3.96 | 2.65 | 1N2611 | 1.19 | .79 | 1N3639-S | .77 | .51 |
| USN 1N93 | 3.45 | 3.30 | JAN 1N547 | 1.52 | 1.01 | 1N1191R | 3.75 | 2.50 | 1N1224 | 2.48 | 1.65 | 1N2611-S | 1.27 | .87 | 1N3640 | .96 | .64 |
| 1N248 | 3.60 | 2.40 | USAF 1N547 | 1.52 | 1.01 | 1N1192 | 4.88 | 3.25 | 1N1224A | 5.62 | 3.75 | 1N2612 | 1.54 | 1.03 | | | |
| | | | | | | 1N1192R | 4.88 | 3.25 | | | | 1N2612-S | 1.62 | 1.11 | 1N3640-S | 1.01 | .69 |
| 1N248R | 3.60 | 2.40 | 1N550 | 1.29 | .86 | 1N1193 | 5.85 | 3.90 | 1N1225 | 3.30 | 2.20 | 1N2613 | 1.74 | 1.16 | 1N3641-S | 1.54 | 1.04 |
| 1N248A | 4.05 | 2.70 | 1N551 | 1.38 | .92 | 1N1193R | 5.85 | 3.90 | 1N1226 | 4.13 | 2.75 | 1N2613-S | 1.82 | 1.24 | 1N3642 | 1.82 | 1.21 |
| 1N248BA | 4.05 | 2.70 | 1N552 | 1.77 | 1.18 | 1N1194 | 7.05 | 4.70 | 1N1341 | 2.63 | 1.75 | 1N2614 | 1.95 | 1.30 | 1N3642-S | 1.87 | 1.26 |
| 1N248B | 4.88 | 3.25 | 1N553 | 2.16 | 1.44 | 1N1194R | 7.05 | 4.70 | 1N1341A | 2.63 | 1.75 | 1N2614-S | 2.03 | 1.38 | | | |
| 1N248RB | 4.88 | 3.25 | 1N554 | 2.16 | 1.44 | 1N1195 | 10.15 | 6.70 | 1N1341R | 2.63 | 1.75 | 1N2615 | 2.22 | 1.55 | 4JA10M | 1.72 | 1.15 |
| | | | | | | 1N1195R | 10.15 | 6.70 | 1N1341RA | 2.63 | 1.75 | 4JA10M | 2.47 | 1.98 | | | |
| 1N248C | 4.88 | 3.25 | 1N555 | 3.15 | 2.10 | 1N1196 | 10.15 | 6.70 | 1N1342 | 3.00 | 2.00 | 4JA10P | 5.92 | 3.95 | | | |
| 1N248BC | 4.88 | 3.25 | 1N556 | 2.69 | 1.70 | 1N1196R | 10.15 | 6.70 | 1N1342A | 3.00 | 2.00 | | | | | | |
| 1N249 | 4.58 | 3.05 | 1N561 | 5.36 | 3.57 | 1N1196A | 10.15 | 6.70 | 1N1342R | 3.00 | 2.00 | 1N2615S | 2.30 | 1.63 | | | |
| 1N249R | 4.58 | 3.05 | 1N562 | 5.36 | 3.57 | 1N1197 | 13.88 | 9.25 | 1N1342RA | 3.00 | 2.00 | 1N2848 | 1.74 | 1.16 | | | |
| 1N249A | 4.95 | 3.30 | 1N563 | 10.73 | 7.15 | 1N1197R | 13.88 | 9.25 | 1N1343 | 3.75 | 2.50 | 1N2849 | 2.21 | 1.47 | | | |
| | | | 1N599 | .53 | .35 | 1N1197A | 14.25 | 9.50 | 1N1343A | 3.75 | 2.50 | 1N2850 | 2.75 | 1.83 | | | |
| 1N249RA | 4.95 | 3.30 | 1N599A | 1.05 | .70 | 1N1197RA | 14.25 | 9.50 | 1N1343A | 3.75 | 2.50 | 1N2851 | 2.75 | 1.83 | | | |
| 1N249B | 6.08 | 4.05 | 1N600 | .60 | .40 | 1N1198 | 18.98 | 12.85 | 1N1343RA | 3.75 | 2.50 | 1N2852 | 4.29 | 2.86 | | | |
| 1N249RB | 6.08 | 4.05 | 1N600A | 1.20 | .80 | 1N1198R | 18.98 | 12.85 | 1N1344 | 4.58 | 3.05 | | | | | | |
| USA 1N249B | 8.18 | 5.45 | 1N601 | .62 | .41 | 1N1198A | 19.50 | 13.00 | 1N1344A | 4.58 | 3.05 | | | | | | |
| 1N249C | 6.08 | 4.05 | 1N601A | 1.28 | .85 | 1N1198RA | 19.50 | 13.00 | 1N1344R | 4.58 | 3.05 | | | | | | |
| | | | 1N602 | .68 | .45 | 1N1199 | 22.88 | 15.25 | 1N1344RA | 4.58 | 3.05 | | | | | | |
| 1N249RC | 6.08 | 4.05 | 1N602A | 1.35 | .90 | 1N1199R | 22.88 | 15.25 | 1N1345 | 6.15 | 4.10 | | | | | | |
| 1N250 | 6.30 | 4.20 | 1N603 | .83 | .55 | 1N1199A | 27.00 | 18.00 | 1N1345A | 6.15 | 4.10 | | | | | | |
| 1N250R | 6.30 | 4.20 | 1N603A | 1.65 | 1.10 | 1N1199RA | 27.00 | 18.00 | 1N1345R | 6.15 | 4.10 | | | | | | |
| 1N250A | 7.13 | 4.75 | 1N604 | .98 | .65 | 1N1199A | 2.85 | 1.90 | 1N1345RA | 6.15 | 4.10 | | | | | | |
| 1N250RA | 7.13 | 4.75 | 1N604A | 1.95 | 1.30 | 1N1199R | 2.85 | 1.90 | 1N1346 | 8.63 | 5.75 | | | | | | |
| | | | 1N605 | .98 | .65 | 1N1199RA | 2.85 | 1.90 | 1N1346A | 8.63 | 5.75 | | | | | | |
| 1N250B | 8.25 | 5.50 | 1N605A | 1.95 | 1.30 | USAF 1N1199 | 4.30 | 2.85 | 1N1346R | 8.63 | 5.75 | | | | | | |
| 1N250RB | 8.25 | 5.50 | 1N606 | 1.43 | .95 | 1N1200 | 3.30 | 2.20 | 1N1346RA | 8.63 | 5.75 | | | | | | |
| USA 1N250B | 10.45 | 6.95 | 1N606A | 2.87 | 1.91 | 1N1200R | 3.30 | 2.20 | 1N1347 | 11.40 | 7.60 | | | | | | |
| 1N250C | 8.25 | 5.50 | 1N607 | 1.14 | .76 | 1N1200RA | 3.30 | 2.20 | 1N1347A | 11.40 | 7.60 | | | | | | |
| 1N250RC | 8.25 | 5.50 | 1N607A | 1.25 | .83 | 1N1200R | 3.30 | 2.20 | 1N1347R | 11.40 | 7.60 | | | | | | |
| | | | 1N608 | 1.19 | .79 | USAF 1N1200 | 4.95 | 3.30 | 1N1347RA | 11.40 | 7.60 | | | | | | |
| 1N253 | 1.19 | .79 | 1N608A | 1.29 | .86 | 1N1201 | 4.50 | 3.00 | 1N1348 | 13.20 | 8.80 | | | | | | |
| JAN 1N253 | 1.28 | .85 | 1N609 | 1.22 | .81 | 1N1201R | 4.50 | 3.00 | 1N1348A | 13.20 | 8.80 | | | | | | |
| JAN 1N253 | 1.57 | 1.05 | 1N609A | 1.34 | .89 | 1N1201A | 4.50 | 3.00 | 1N1348R | 13.20 | 8.80 | | | | | | |
| 1N254 | 1.25 | .83 | 1N610 | 1.25 | .83 | 1N1201R | 4.50 | 3.00 | 1N1348RA | 13.20 | 8.80 | | | | | | |
| JAN 1N254 | 1.34 | .89 | 1N610A | 1.47 | .92 | USAF 1N1201 | 6.75 | 4.50 | 1N1443 | 7.20 | 4.80 | | | | | | |
| | | | 1N611 | 1.58 | 1.05 | 1N1202 | 5.85 | 3.90 | 1N1487 | .60 | .40 | | | | | | |
| JAN 1N254 | 1.63 | 1.09 | 1N611A | 1.77 | 1.18 | 1N1202A | 5.85 | 3.90 | 1N1488 | .68 | .45 | | | | | | |
| 1N255 | 1.97 | 1.31 | 1N612 | 1.97 | 1.31 | 1N1202R | 5.85 | 3.90 | 1N1489 | .83 | .55 | | | | | | |
| JAN 1N255 | 2.06 | 1.37 | 1N612A | 2.16 | 1.44 | 1N1202RA | 5.85 | 3.90 | 1N1490 | .98 | .65 | | | | | | |
| JAN 1N255 | 2.35 | 1.57 | 1N613 | 1.97 | 1.31 | USAF 1N1202 | 8.25 | 5.50 | 1N1491 | .98 | .65 | | | | | | |
| 1N256 | 2.85 | 1.90 | 1N613A | 2.16 | 1.44 | 1N1203 | 8.55 | 5.70 | 1N1492 | 1.43 | .95 | | | | | | |
| | | | | | | 1N1203A | 8.55 | 5.70 | 1N1612 | 2.78 | 1.85 | | | | | | |
| JAN 1N256 | 2.94 | 1.90 | 1N614 | 2.85 | 1.90 | 1N1203R | 8.55 | 5.70 | 1N1612R | 2.78 | 1.85 | | | | | | |
| JAN 1N256 | 3.24 | 2.16 | 1N614A | 3.15 | 2.10 | 1N1203RA | 8.55 | 5.70 | 1N1613 | 3.15 | 2.10 | | | | | | |
| 1N315 | 3.00 | 2.00 | 1N645 | 1.98 | 1.49 | USAF 1N1203 | 10.95 | 7.30 | 1N1613R | 3.15 | 2.10 | | | | | | |
| USAF 1N315 | 3.75 | 2.50 | USAF 1N645 | 2.26 | 1.80 | 1N1204 | 10.35 | 6.80 | 1N1614 | 4.58 | 3.05 | | | | | | |
| 1N332 | 1.97 | 1.31 | 1N645A | 3.63 | 2.66 | 1N1204A | 10.35 | 6.80 | USA 1N1614 | 6.00 | 4.00 | | | | | | |
| | | | | | | 1N1204R | 10.35 | 6.80 | 1N1615 | 7.50 | 5.00 | | | | | | |
| 1N333 | 1.97 | 1.31 | 1N646 | 2.57 | 1.86 | 1N1204RA | 10.35 | 6.80 | 1N1615R | 7.50 | 5.00 | | | | | | |
| 1N334 | 1.58 | 1.05 | USAF 1N646 | 2.88 | 2.28 | USAF 1N1204 | 12.60 | 8.80 | USA 1N1615 | 9.00 | 6.00 | | | | | | |
| 1N335 | 1.58 | 1.05 | 1N647 | 3.26 | 2.40 | 1N1205 | 13.90 | 9.25 | 1N1616 | 12.00 | 8.00 | | | | | | |
| 1N336 | 1.25 | .83 | USAF 1N647 | 3.59 | 2.88 | 1N1205A | 13.90 | 9.25 | 1N1616R | 12.00 | 8.00 | | | | | | |
| 1N337 | 1.25 | .83 | 1N648 | 3.88 | 2.96 | 1N1205R | 13.90 | 9.25 | 1N1692 | .59 | .39 | | | | | | |
| | | | | | | 1N1205A | 13.90 | 9.25 | 1N1693 | .63 | .42 | | | | | | |
| 1N339 | 1.19 | .79 | USAF 1N648 | 4.35 | 3.46 | 1N1205RA | 13.90 | 9.25 | 1N1694 | .78 | .52 | | | | | | |
| 1N340 | 1.19 | .79 | 1N649 | 4.50 | 3.44 | USAF 1N1205 | 16.30 | 10.85 | 1N1695 | .96 | .64 | | | | | | |
| 1N341 | 1.97 | 1.31 | USAF 1N649 | 5.00 | 4.00 | 1N1206 | 17.25 | 11.50 | 1N1696 | .96 | .64 | | | | | | |
| 1N342 | 1.97 | 1.31 | 1N676 | 1.43 | .95 | 1N1206A | 17.25 | 11.50 | 1N1697 | 1.41 | .94 | | | | | | |
| 1N343 | 1.58 | 1.05 | 1N677 | 1.59 | 1.06 | 1N1206R | 17.25 | 11.50 | USA 1N1697 | 1.41 | .94 | | | | | | |
| | | | | | | 1N1206RA | 17.25 | 11.50 | USA 1N2135A | 13.58 | 9.05 | | | | | | |
| 1N344 | 1.58 | 1.05 | 1N678 | 1.85 | 1.23 | 1N1206A | 17.25 | 11.50 | 1N2154 | 4.05 | 2.70 | | | | | | |
| 1N345 | 1.25 | .83 | 1N679 | 2.30 | 1.53 | USAF 1N1206 | 19.65 | 13.10 | 1N2154R | 4.05 | 2.70 | | | | | | |
| 1N346 | 1.25 | .83 | 1N681 | 2.27 | 1.51 | 1N1217 | .63 | .42 | 1N2155 | 5.10 | 3.40 | | | | | | |
| 1N348 | 1.19 | .79 | 1N682 | 3.00 | 2.00 | 1N1217A | .84 | .58 | 1N2155R | 5.10 | 3.40 | | | | | | |
| 1N349 | 1.19 | .79 | 1N683 | 3.14 | 2.09 | 1N1217R | .72 | .48 | 1N2156 | 7.28 | 4.85 | | | | | | |
| | | | | | | 1N1218 | .99 | .66 | 1N2156R | 7.28 | 4.85 | | | | | | |
| 1N368 | 2.55 | 1.70 | 1N684 | 3.87 | 2.58 | 1N1218A | .99 | .66 | 1N2157 | 9.15 | 6.10 | | | | | | |
| 1N440 | .82 | .55 | 1N685 | 4.01 | 2.67 | 1N1219 | .83 | .55 | 1N2157R | 9.15 | 6.10 | | | | | | |
| 1N440B | .82 | .55 | 1N686 | 4.56 | 3.04 | 1N1219A | .83 | .55 | 1N2158 | 11.00 | 7.35 | | | | | | |
| 1N441 | .85 | .57 | 1N687 | 4.61 | 3.07 | 1N1220 | .93 | .62 | 1N2158R | 11.00 | 7.35 | | | | | | |
| 1N441B | .85 | .57 | 1N689 | 4.98 | 3.32 | 1N1220A | 1.42 | .95 | 1N2159 | 15.25 | 10.15 | | | | | | |
| | | | | | | 1N1220R | 1.23 | .82 | 1N2159R | 15.25 | 10.15 | | | | | | |



PHILCO SEMICONDUCTORS PHILCO



Explanation of Symbols: LFC—Low Frequency Communications (small signal amplifiers); MFC—Medium Frequency Communications (Below 3 MC); HFC—High Frequency Communications (3 to 30 MC); VHFC—Very High Frequency Communications (30 to 300 MC); UHFC—Ultra High Frequency Communications

(100 to 500 MC); GP—General Purpose; LSSW—Low Speed Switching; MSSW—Medium Speed Switching (Below 5 MC); HSSW—High Speed Switching (Above 5 MC); HCSW—High Current Switching; CH—Chopper; C—Control; VA—Video Amplifier.

PHILCO GERMANIUM TRANSISTORS

All are MADT family except * = MAT; † = SBT; ‡ = Power Amp; ¶ = Alloy Junction; ** = Epitaxial Mesa; • = MIL Type

| TYPE | | USE | | NET EACH | | TYPE | | USE | | NET EACH | | TYPE | | USE | | NET EACH | | | |
|---------|------|------|---------|----------|------|------|---------|----------|------|----------|---------|------------|------|-------|---------|----------|---------|-------|-------|
| | | 1-99 | 100-999 | | | 1-99 | 100-999 | | | 1-99 | 100-999 | | | 1-99 | 100-999 | | 100-999 | | |
| 2N128† | HFC | 6.30 | 4.62 | 2N599† | LSSW | 3.08 | 2.26 | 2N1484A | | 6.83 | 5.01 | 2N2401 | | 1.43 | 1.05 | 2N495* | MFC | 11.63 | 8.53 |
| 2N128† | HFC | 6.68 | 4.90 | 2N599† | LSSW | 3.90 | 2.86 | 2N1495 | HCSW | 7.35 | 5.39 | 2N2402 | | 2.25 | 1.60 | MIL | | | |
| 2N207† | LFC | 1.95 | 1.43 | 2N600† | LSSW | 3.45 | 2.53 | 2N1496 | HCSW | 7.80 | 5.72 | T0037-A02† | | .75 | .58 | 2N496* | MSSW | 11.63 | 8.53 |
| 2N207A† | LFC | 2.10 | 1.54 | 2N600† | MSSW | 3.98 | 2.92 | 2N1499A | HSSW | 1.43 | 1.05 | T0074† | | 5.25 | 3.85 | 2N770 | HSSW | 11.63 | 8.53 |
| 2N207B† | LFC | 2.25 | 1.65 | 2N601† | MSSW | 3.83 | 2.81 | 2N1500 | HSSW | 1.73 | 1.27 | T1324† | | 1.28 | .94 | 2N771 | HSSW | 12.75 | 9.35 |
| 2N223† | LFC | 1.08 | .80 | 2N670† | GP | 3.38 | 2.48 | 2N1500 | HSSW | 6.38 | 4.68 | T1359† | | 1.13 | .83 | 2N772 | HSSW | 12.15 | 8.91 |
| 2N224† | GP | 1.10 | .81 | 2N671† | GP | 4.13 | 3.03 | 2N1500 | HSSW | 7.35 | 5.39 | T1360† | | .98 | .72 | 2N773 | HFC | 8.70 | 6.38 |
| 2N225† | GP | 2.20 | 1.61 | 2N672† | HCSW | 3.38 | 2.48 | 2N1726 | MFC | 1.05 | .77 | T1361† | | 1.05 | .77 | 2N774 | HFC | 9.00 | 6.60 |
| 2N226† | GP | 1.02 | .75 | 2N673† | HCSW | 4.13 | 3.03 | 2N1727 | MFC | .98 | .72 | T1760 | | 7.13 | 5.23 | 2N775 | HFC | 9.60 | 7.04 |
| 2N227† | GP | 2.04 | 1.50 | 2N674† | GP | 4.88 | 3.58 | 2N1728 | MFC | 1.02 | .75 | T1796† | | 4.88 | 3.58 | 2N776 | VHFC | 9.75 | 7.15 |
| 2N232† | MFC | 1.05 | .77 | 2N675† | GP | 5.78 | 4.24 | 2N1742 | UHFC | 2.93 | 2.15 | T1826* | | 1.80 | 1.32 | 2N777 | VHFC | 10.50 | 7.70 |
| 2N240† | MSSW | 5.63 | 4.13 | 2N706 | HCSW | 4.91 | 3.60 | 2N1743 | UHFC | 2.87 | 2.11 | T1905 | | 2.93 | 2.15 | 2N778 | VHFC | 11.10 | 8.14 |
| 2N240† | MSSW | 5.93 | 4.35 | 2N706B | HCSW | 4.91 | 3.60 | 2N1744 | UHFC | 2.25 | 1.65 | T1943† | | 2.40 | 1.76 | 2N858† | C | 9.23 | 6.77 |
| 2N317A† | MFC | 4.05 | 2.97 | 2N768 | HSSW | 5.85 | 4.29 | 2N1745 | VHFC | 1.80 | 1.32 | T1960 | | 1.47 | 1.08 | 2N859† | C | 10.43 | 7.65 |
| 2N344† | HFC | 3.45 | 2.53 | 2N769 | HSSW | 6.75 | 4.95 | 2N1746 | HFC | .90 | .68 | T2028 | UHFC | 4.50 | 3.30 | 2N860† | C | 8.48 | 6.22 |
| 2N345† | HFC | 4.35 | 3.19 | 2N779 | HSSW | 5.63 | 4.13 | 2N1747 | HFC | .98 | .72 | T2029 | UHFC | 3.30 | 2.42 | 2N861† | C | 6.00 | 4.40 |
| 2N346† | HFC | 5.85 | 4.29 | 2N779A | HSSW | 5.63 | 4.13 | 2N1748 | VA | 1.05 | .77 | T2030 | UHFC | 3.30 | 2.42 | 2N862† | C | 8.33 | 6.11 |
| 2N368† | GP | 6.75 | 4.95 | 2N779A | HSSW | 6.83 | 5.01 | 2N1748A | VA | 1.13 | .83 | T2038 | | 1.50 | 1.10 | 2N863† | C | 4.50 | 3.30 |
| 2N387† | GP | 9.75 | 7.15 | 2N779B | | 6.23 | 4.57 | 2N1749 | VA | 1.43 | 1.05 | T2039 | | 1.50 | 1.10 | 2N864† | CH | 6.23 | 4.57 |
| 2N393† | MSSW | 4.35 | 3.19 | 2N834 | | 7.50 | 5.50 | 2N1750† | MFC | 1.17 | .86 | T2040 | | 1.50 | 1.10 | 2N865† | C | 8.25 | 6.05 |
| 2N395† | MFC | 9.35 | 6.99 | 2N846 | HSSW | 5.40 | 3.96 | 2N1752 | MFC | .90 | .68 | T2122 | | 4.20 | 3.08 | 2N1118* | MFC | 11.63 | 8.53 |
| 2N396A† | MFC | 1.50 | 1.10 | 2N846A | HSSW | 5.40 | 3.96 | 2N1754 | HSSW | 1.35 | .99 | T2157 | | 2.25 | 1.65 | MIL | | | |
| 2N396A† | MFC | 1.73 | 1.22 | 2N846B | | 5.93 | 4.35 | 2N1785 | MFC | .90 | .68 | T2158 | | 2.63 | 1.93 | 2N1118* | MFC | 15.75 | 11.55 |
| 2N404† | MFC | .74 | .54 | 2N976 | | 4.35 | 3.19 | 2N1786 | MFC | .83 | .61 | T2160 | | 12.53 | 9.19 | 2N1119* | MSSW | 11.63 | 8.53 |
| 2N404† | MFC | 1.04 | .76 | 2N977 | | 7.43 | 5.45 | 2N1787 | MFC | .90 | .66 | T2176 | | 2.99 | 2.19 | MIL | | | |
| 2N428† | MFC | 2.33 | 1.73 | 2N1122* | MSSW | 5.48 | 4.02 | 2N1788 | MFC | 1.20 | .88 | T2208 | | 13.43 | 9.85 | 2N1199 | HSW | 11.63 | 8.53 |
| 2N428† | MFC | 3.68 | 2.70 | 2N1122A | MSSW | 6.75 | 4.95 | 2N1789 | MFC | 1.13 | .83 | T2250† | | 3.08 | 2.26 | 2N1199A | HSW | 12.15 | 8.91 |
| 2N499 | VHFC | 3.98 | 2.92 | 2N1123† | LSSW | 3.30 | 2.42 | 2N1790 | MFC | 1.17 | .86 | T2255† | | 3.45 | 2.53 | MIL | | | |
| 2N499* | VHFC | 4.20 | 3.08 | 2N1124† | LFC | 1.95 | 1.43 | 2N1864 | MFC | 1.05 | .77 | T2307 | | 10.50 | 7.70 | 2N1267 | HFC | 8.70 | 6.38 |
| 2N501 | HSSW | 6.38 | 4.68 | 2N1125† | GP | 2.85 | 2.09 | 2N1865 | HFC | 1.05 | .77 | T2309 | | 2.93 | 2.15 | 2N1268 | HFC | 9.00 | 6.60 |
| 2N502 | VHFC | 2.93 | 2.15 | 2N1128† | LFC | 1.43 | 1.05 | 2N1866 | HFC | 1.13 | .83 | T2352 | VA | 4.35 | 3.19 | 2N1269 | HFC | 9.60 | 7.04 |
| 2N502A | VHFC | 3.75 | 2.75 | 2N1129† | GP | 1.65 | 1.21 | 2N1867 | HFC | 1.10 | .81 | T2364 | | 5.25 | 3.85 | 2N1270 | VHFC | 9.75 | 7.15 |
| 2N503 | VHFC | 2.25 | 1.65 | 2N1130† | GP | 1.43 | 1.05 | 2N1868 | VHFC | 1.88 | 1.38 | T2379 | | 1.79 | 1.31 | 2N1271 | VHFC | 10.50 | 7.70 |
| 2N504 | VHFC | 3.45 | 2.53 | 2N1135 | VHFC | 5.25 | 3.85 | 2N2048 | VHFC | 1.80 | 1.32 | T2384 | | 1.17 | .86 | | | | |
| 2N534† | LFC | 2.33 | 1.71 | 2N1158A | VHFC | 7.13 | 5.23 | 2N2086** | | 9.45 | 6.93 | T2391 | | .80 | .59 | | | | |
| 2N535† | LFC | 2.78 | 2.04 | 2N1204 | HSSW | 6.38 | 4.68 | 2N2087** | | 11.55 | 8.47 | T2399 | | 1.49 | 1.09 | | | | |
| 2N535A† | LFC | 3.00 | 2.20 | 2N1204A | HSSW | 6.38 | 4.68 | 2N2180* | | 4.73 | 3.47 | T2400 | | 1.32 | .97 | | | | |
| 2N535B† | LFC | 3.38 | 2.48 | 2N1411* | MSSW | 7.74 | 5.74 | 2N2180* | | .98 | .72 | T2444 | HSSW | 3.90 | 2.86 | | | | |
| 2N536† | LFC | 3.38 | 2.48 | 2N1411* | MSSW | 7.74 | 5.74 | 2N2374† | | .80 | .58 | T2500 | HSSW | 4.05 | 2.97 | | | | |
| 2N588 | HFC | 1.43 | 1.05 | 2N1427* | MSSW | 4.58 | 3.36 | 2N2375† | | 1.60 | 1.18 | T3005† | HCSW | 3.08 | 2.26 | | | | |
| 2N597† | LSSW | 2.63 | 1.93 | 2N1478† | LSSW | 1.43 | 1.05 | 2N2380** | | 3.75 | 2.75 | | | 1.24 | .92 | | | | |
| 2N598† | LSSW | 2.55 | 1.87 | 2N1494 | HCSW | 6.83 | 5.01 | 2N2400 | | 1.28 | .94 | T2351 | | 60.00 | 35.00 | | | | |

All are in the mixer family except * = Doppler Mixer; † = Varactor; ‡ = Photodiode; § = Switching Diode.

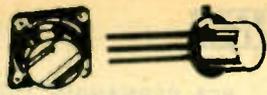
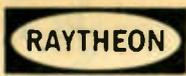
PHILCO MICROWAVE DIODES

| TYPE | | NET EACH | | TYPE | | NET EACH | | | | |
|---------|-----|----------|---------|---------|-------|----------|---------|-----|--------|--------|
| | | 1-99 | 100-999 | | | 1-99 | 100-999 | | | |
| 1N26 | MIL | 6.65 | 5.20 | 1N26CR | 49.20 | 39.00 | 1N78C | MIL | 1.00 | 40.00 |
| 1N26M | | 16.50 | 13.00 | 1N26CMR | 98.40 | 78.00 | 1N78CM | | 125.00 | 100.00 |
| 1N26R | | 10.70 | 7.95 | 1N78 | 6.65 | 5.20 | 1N78CR | | 75.00 | 60.00 |
| 1N26MR | | 19.85 | 15.60 | 1N78MIL | 16.50 | 13.00 | 1N78CMR | | 150.00 | 120.00 |
| 1N26A | | 7.90 | 6.20 | 1N78R | 10.10 | 7.95 | 1N780 | | 60.00 | 48.00 |
| 1N26AM | | 19.70 | 15.50 | 1N78MR | 19.85 | 15.60 | 1N780M | | 150.00 | 120.00 |
| 1N26AR | | 11.90 | 9.35 | 1N78A | 4.80 | 3.95 | 1N780R | | 90.00 | 72.00 |
| 1N26AMR | | 23.80 | 18.70 | 1N78AM | 22.00 | 17.30 | 1N780MR | | 180.00 | 144.00 |
| 1N26B | MIL | 27.80 | 22.20 | 1N78AR | 13.30 | 10.40 | 1N263 | | 12.50 | 9.19 |
| 1N26BR | | 69.50 | 55.50 | 1N78AMR | 26.25 | 20.60 | 1N263M | | 26.85 | 19.69 |
| 1N26BMR | | 41.70 | 33.30 | 1N78B | 14.30 | 11.20 | 1N1838 | | 37.50 | 30.00 |
| 1N26BMR | | 83.40 | 66.60 | 1N78BM | 35.70 | 28.00 | 1N1838M | | 93.75 | 75.00 |
| 1N26C | | 32.80 | 26.00 | 1N78BR | 21.35 | 16.80 | P960 | | 1.33 | 1.33 |
| 1N26CM | | 82.00 | 65.00 | 1N78BMR | 42.70 | 33.55 | L4110 | | 120.00 | |

| TYPE | | NET EACH | | TYPE | | NET EACH | |
|---------|--|----------|---------|---------|--------|----------|---------|
| | | 1-99 | 100-999 | | | 1-99 | 100-999 |
| L4111 | | 80.00 | — | 1N2792 | 250.00 | 208.75 | |
| L4112 | | 120.00 | — | 1N2792M | 625.00 | | |
| L4412 | | 14.00 | — | 1N3093 | 32.00 | 28.00 | |
| L4413 | | 8.00 | — | 1N3481 | 16.70 | 13.35 | |
| L4414 | | 5.30 | — | 1N3482 | 50.00 | 40.00 | |
| GAU-401 | | 100.00 | — | | | | |

RAYTHEON GERMANIUM DIODES

| TYPE | | NET EACH | | TYPE | | NET EACH | | | | |
|-------|--|----------|---------|-------|-----|----------|---------|-----|-----|-----|
| | | 1-99 | 100-999 | | | 1-99 | 100-999 | | | |
| 1N34A | | .32 | .22 | 1N126 | .43 | .34 | 1N276 | | .43 | .34 |
| 1N38A | | .75 | .57 | 1N127 | .89 | .70 | 1N276 | JAN | .43 | .34 |
| 1N55B | | .96 | .81 | 1N128 | .37 | .33 | 1N277 | | .59 | .46 |
| 1N63A | | .90 | .60 | 1N128 | .37 | .33 | 1N277 | JAN | .59 | .46 |
| 1N66A | | .39 | .30 | 1N191 | .52 | .40 | 1N281 | | .50 | .40 |
| 1N67A | | .55 | .47 | 1N192 | .47 | .36 | 1N281 | JAN | .50 | .40 |
| 1N68A | | .70 | | | | | | | | |



SEMICONDUCTORS



SILICON TRANSISTORS

Symbol Designations: S=Switching; SS=Small Signal; P=Power; VA=Video Amplifier; GP=General Purpose; HV=High Voltage.

| Type | Use | 1-99 | 100-999 | Type | Use | 1-99 | 100-999 |
|-----------------|-----|-------|---------|--------------|-----|-------|---------|
| 2N327A | S | 3.70 | 2.80 | 2N746 | S | 0.50 | 13.65 |
| 2N328A | S | 6.50 | 5.00 | 2N747 | S | 22.50 | 15.00 |
| 2N328A (Sig. C) | | | | 2N748 | S | 20.25 | 13.50 |
| | S | 6.50 | 5.00 | 2N750 | VA | 40.50 | 27.00 |
| 2N329A | S | 13.00 | 10.00 | 2N751 | VA | 11.25 | 7.50 |
| 2N329A (Sig. C) | | | | 2N789 | GP | 13.05 | 8.70 |
| | S | 13.00 | 10.00 | 2N790 | GP | 13.05 | 8.70 |
| 2N332 | SS | 4.65 | 3.10 | 2N791 | GP | 13.05 | 8.70 |
| 2N332 (USM) | | | | 2N792 | GP | 16.75 | 11.18 |
| | SS | 4.95 | 3.30 | 2N793 | GP | 20.50 | 13.65 |
| 2N333 | SS | 4.65 | 3.10 | 2N902 | GP | 14.35 | 9.55 |
| 2N333 (USM) | | | | 2N903 | GP | 14.35 | 9.55 |
| | SS | 4.95 | 3.30 | 2N904 | GP | 14.35 | 9.55 |
| 2N334 | SS | 4.65 | 3.10 | 2N905 | GP | 18.45 | 12.30 |
| 2N334 (USM) | | | | 2N906 | GP | 22.50 | 15.00 |
| | SS | 4.95 | 3.30 | 2N907 | S | 19.55 | 13.05 |
| 2N335 | SS | 4.95 | 3.30 | 2N908 | S | 22.55 | 15.00 |
| 2N335 (USM) | | | | 2N1034 | SS | 3.66 | 2.75 |
| | SS | 5.25 | 3.50 | 2N1035 | SS | 6.10 | 4.69 |
| 2N336 | SS | 6.00 | 4.00 | 2N1036 | SS | 13.30 | 10.00 |
| 2N337 | S | 4.85 | 3.20 | 2N1037 | SS | 6.30 | 4.75 |
| 2N337 (USM) | | | | 2N1252 | S | 6.90 | 4.55 |
| | S | 5.15 | 3.40 | 2N1253 | S | 11.95 | 7.95 |
| 2N338 | S | 5.50 | 3.65 | 2N1275 | S | 6.50 | 5.00 |
| 2N338 (USM) | | | | 2N1409 | S | 7.25 | 4.85 |
| | S | 5.80 | 3.85 | 2N1410 | S | 7.65 | 5.10 |
| 2N389 | P | 42.00 | 28.00 | 2N1420 | S | 8.00 | 5.25 |
| 2N424 | P | 33.00 | 22.00 | 2N1613 | S | 9.00 | 6.00 |
| 2N497 | P | 6.35 | 4.25 | 2N1613 (USM) | | | |
| 2N497 (JAM) | | | | | S | 9.00 | 6.00 |
| | P | 6.35 | 4.25 | 2N1623 | SS | 2.16 | 1.65 |
| 2N498 | P | 7.90 | 5.25 | 2N1654 | HV | 10.65 | 8.20 |
| 2N498 (USM) | | | | 2N1655 | HV | 14.30 | 11.00 |
| | P | 7.90 | 5.25 | 2N1656 | HV | 39.00 | 26.00 |
| 2N656 | P | 7.15 | 4.75 | 2N1657 | P | 57.00 | 38.00 |
| 2N656 (JAM) | | | | 2N1660 | | 60.00 | 40.00 |
| | P | 7.15 | 4.75 | 2N1661 | P | 67.50 | 45.00 |
| 2N657 | P | 9.00 | 6.00 | 2N1662 | P | 90.00 | 60.00 |
| 2N657 (JAM) | | | | 2N1894 | | 45.00 | 30.00 |
| | P | 9.00 | 6.00 | 2N1895 | P | 36.00 | 24.00 |
| 2N696 | S | 5.65 | 3.75 | 2N1896 | P | 60.00 | 40.00 |
| 2N696 (Sig. C) | | | | 2N1897 | P | 67.50 | 45.00 |
| | S | 5.65 | 3.75 | 2N1898 | P | 90.00 | 60.00 |
| 2N696A | S | 16.25 | 10.25 | 2N1898 | S | 6.30 | 4.85 |
| 2N697 | S | 6.50 | 4.35 | 2N1983 | S | 4.30 | 3.31 |
| 2N697 (Sig. C) | | | | 2N1985 | S | 3.30 | 2.54 |
| | S | 6.50 | 4.35 | 2N1986 | S | 4.60 | 3.54 |
| 2N697A | S | 16.90 | 10.90 | 2N1987 | S | 4.15 | 3.20 |
| 2N698 | S | 7.15 | 4.75 | 2N1988 | S | 6.65 | 5.12 |
| 2N699 | S | 8.50 | 5.65 | 2N1989 | S | 4.35 | 3.35 |
| 2N699A | S | 19.35 | 12.75 | 2N1990 | S | 6.50 | 2.75 |
| 2N717 | S | 5.65 | 3.75 | 2N2008 | S | 16.90 | 10.90 |
| 2N718 | S | 6.50 | 4.35 | CK419 | S | 10.50 | 7.00 |
| 2N718A | S | 14.90 | 9.95 | CK420 | S | 24.00 | 16.00 |
| 2N719 | S | 7.15 | 4.75 | CK421 | S | 36.00 | 24.00 |
| 2N720 | S | 8.50 | 5.65 | CK422 | S | 27.00 | 18.00 |
| 2N730 | S | 5.55 | 3.75 | CK474 | SS | 8.40 | 5.60 |
| 2N731 | S | 6.50 | 4.35 | CK475 | SS | 11.25 | 7.50 |
| 2N745 | S | 17.75 | 11.85 | CK476 | SS | 17.63 | 11.75 |
| | | | | CK477 | SS | 27.00 | 18.00 |

SILICON DIODES & RECTIFIERS

| | | | | | |
|-------------|------|------|-------------|------|------|
| 1N248 | 3.10 | 2.30 | 1N335 | 1.58 | 1.05 |
| 1N248A | 3.40 | 2.55 | 1N336 | 1.25 | .83 |
| 1N248B | 4.10 | 3.05 | 1N337 | 1.25 | .83 |
| 1N248C | 4.10 | 3.05 | 1N339 | 1.19 | .79 |
| 1N249 | 3.65 | 2.95 | 1N340 | 1.19 | .79 |
| 1N249A | 4.15 | 3.10 | 1N341 | 1.97 | 1.31 |
| 1N249B | 4.35 | 3.60 | 1N342 | 1.97 | 1.31 |
| 1N249C | 4.35 | 3.60 | 1N343 | 1.58 | 1.05 |
| 1N250 | 5.20 | 4.00 | 1N344 | 1.58 | 1.05 |
| 1N250A | 5.75 | 4.45 | 1N345 | 1.25 | .83 |
| 1N250B | 6.35 | 5.10 | 1N346 | 1.25 | .83 |
| 1N250C | 6.35 | 5.10 | 1N348 | 1.19 | .79 |
| 1N251 | 1.49 | 1.16 | 1N349 | 1.19 | .79 |
| 1N251A | 1.49 | 1.16 | 1N432 | 4.55 | 3.50 |
| 1N251 (JAM) | 1.49 | 1.16 | 1N432A | 5.20 | 4.00 |
| 1N252 | 1.04 | .81 | 1N433 | 4.55 | 3.50 |
| 1N252A | 1.04 | .81 | 1N433A | 5.85 | 4.50 |
| 1N253 | 1.19 | .79 | 1N434 | 4.55 | 3.50 |
| 1N254 | 1.25 | .83 | 1N434A | 5.85 | 4.50 |
| 1N255 | 1.97 | 1.31 | 1N440B | .73 | .48 |
| 1N256 | 2.85 | 1.90 | 1N441B | .76 | .51 |
| 1N300 | 4.55 | 3.50 | 1N442B | .87 | .58 |
| 1N300A | 5.20 | 4.00 | 1N443B | 1.09 | .73 |
| 1N301 | 4.55 | 3.50 | 1N444B | 1.00 | .73 |
| 1N301A | 5.20 | 4.00 | 1N445B | 1.60 | 1.07 |
| 1N302 | 5.20 | 4.00 | 1N456 | .47 | .37 |
| 1N302A | 6.50 | 5.00 | 1N456A | .47 | .37 |
| 1N303 | 4.55 | 3.50 | 1N457 | .54 | .42 |
| 1N303A | 5.20 | 4.00 | 1N457A | .54 | .42 |
| 1N332 | 1.97 | 1.31 | 1N457 (JAM) | .54 | .42 |
| 1N333 | 1.97 | 1.31 | 1N458 | .58 | .45 |
| 1N334 | 1.58 | 1.05 | 1N458A | .58 | .45 |

SILICON DIODES & RECTIFIERS (Con't.)

| TYPE | 1-99 | 100-999 | TYPE | 1-99 | 100-999 |
|--------------|------|---------|-------------|------|---------|
| 1N458 (JAM) | .58 | .45 | 1N687 | 1.88 | 1.41 |
| 1N459 | .83 | .65 | 1N690 | 2.86 | 1.92 |
| 1N459A | .83 | .65 | 1N691 | 3.38 | 2.25 |
| 1N459 (JAM) | .83 | .65 | 1N691 (USM) | 3.38 | 2.25 |
| 1N461 | .42 | .33 | 1N692 | 4.28 | 2.85 |
| 1N461A | .51 | .39 | 1N693 | 7.72 | 6.02 |
| 1N462 | .56 | .43 | 1N778 | .95 | .74 |
| 1N462A | .56 | .43 | 1N779 | 1.05 | .82 |
| 1N463 | .79 | .62 | 1N789 | .65 | .51 |
| 1N463A | .79 | .62 | 1N790 | .65 | .51 |
| 1N464 | .59 | .46 | 1N791 | .65 | .51 |
| 1N464A | .59 | .46 | 1N792 | .79 | .62 |
| 1N482 | .59 | .46 | 1N793 | .79 | .62 |
| 1N482A | .59 | .46 | 1N794 | .79 | .62 |
| 1N482B | .59 | .46 | 1N795 | .79 | .62 |
| 1N483 | .61 | .47 | 1N796 | .95 | .74 |
| 1N483A | .61 | .47 | 1N797 | .95 | .74 |
| 1N483B | .61 | .47 | 1N798 | .95 | .74 |
| 1N483B (USM) | .61 | .47 | 1N799 | .95 | .74 |
| 1N484 | .71 | .55 | 1N800 | 1.05 | .82 |
| 1N484A | .71 | .55 | 1N801 | 1.05 | .82 |
| 1N484B | .71 | .55 | 1N802 | 1.05 | .82 |
| 1N485 | .79 | .62 | 1N803 | 1.05 | .82 |
| 1N485A | .85 | .72 | 1N804 | 1.75 | 1.37 |
| 1N485B | 1.05 | .82 | 1N806 | .95 | .74 |
| 1N485B (USM) | 1.05 | .82 | 1N807 | 1.05 | .82 |
| 1N486 | 1.25 | .98 | 1N808 | 1.75 | 1.37 |
| 1N486A | 1.41 | 1.18 | 1N809 | 2.25 | 1.76 |
| 1N486B | 1.59 | 1.20 | 1N837 | 3.00 | 2.34 |
| 1N486B (USM) | 1.59 | 1.20 | 1N837A | 4.50 | 3.51 |
| 1N487 | 2.05 | 1.60 | 1N838 | 4.50 | 3.51 |
| 1N487A | 2.85 | 2.15 | 1N839 | 5.00 | 3.90 |
| 1N488 | 2.50 | 1.95 | 1N840 | 2.75 | 2.15 |
| 1N488A | 3.29 | 2.51 | 1N841 | 6.20 | 4.77 |
| 1N536 | .53 | .35 | 1N842 | 6.60 | 5.08 |
| 1N537 | .60 | .40 | 1N843 | 6.95 | 5.35 |
| 1N538 | .64 | .43 | 1N844 | 5.30 | 4.08 |
| 1N538 (JAM) | .75 | .50 | 1N845 | 6.00 | 4.61 |
| 1N539 | .83 | .55 | 1N846 | .65 | .51 |
| 1N540 | .98 | .65 | 1N847 | .79 | .62 |
| 1N540 (JAM) | 1.05 | .70 | 1N848 | 1.05 | .82 |
| 1N547 | 1.43 | .95 | 1N849 | 2.00 | 1.56 |
| 1N547 (JAM) | 1.52 | 1.01 | 1N850 | 2.50 | 1.95 |
| 1N550 | 1.29 | .86 | 1N851 | 3.25 | 2.54 |
| 1N551 | 1.30 | .92 | 1N852 | 4.00 | 3.12 |
| 1N552 | 1.77 | 1.18 | 1N853 | 5.50 | 4.29 |
| 1N553 | 2.00 | 1.34 | 1N857 | .65 | .51 |
| 1N554 | 2.16 | 1.44 | 1N858 | .79 | .62 |
| 1N555 | 3.15 | 2.10 | 1N859 | 1.05 | .82 |
| 1N599A | .68 | .45 | 1N860 | 2.00 | 1.56 |
| 1N600A | .83 | .55 | 1N861 | 2.50 | 1.95 |
| 1N601A | .87 | .58 | 1N862 | 3.25 | 2.54 |
| 1N602A | .95 | .63 | 1N863 | 4.00 | 3.12 |
| 1N603A | 1.22 | .81 | 1N864 | 5.50 | 4.29 |
| 1N604A | 1.61 | 1.07 | 1N868 | .65 | .51 |
| 1N605A | 1.68 | 1.12 | 1N869 | .79 | .62 |
| 1N606A | 2.87 | 1.91 | 1N870 | 1.05 | .82 |
| 1N607A | 1.25 | .83 | 1N871 | 2.00 | 1.56 |
| 1N608A | 1.29 | .86 | 1N872 | 2.50 | 1.93 |
| 1N609A | 1.01 | .78 | 1N873 | 3.25 | 2.54 |
| 1N610A | 1.47 | .92 | 1N874 | 4.00 | 3.12 |
| 1N611A | 1.77 | 1.18 | 1N875 | 5.50 | 4.29 |
| 1N612A | 2.16 | 1.44 | 1N879 | .60 | .47 |
| 1N613A | 2.16 | 1.44 | 1N880 | .75 | .59 |
| 1N614A | 3.15 | 2.10 | 1N881 | 1.00 | .78 |
| 1N625 | .54 | .33 | 1N882 | 1.50 | 1.17 |
| 1N625A | .90 | .70 | 1N883 | 2.30 | 1.77 |
| 1N626 | .59 | .34 | 1N884 | 3.00 | 2.31 |
| 1N626A | .95 | .74 | 1N885 | 3.30 | 2.54 |
| 1N627 | .67 | .39 | 1N886 | 5.35 | 4.12 |
| 1N627A | 1.05 | .82 | 1N890 | .70 | .55 |



RCA SEMICONDUCTORS



RCA GERMANIUM TRANSISTORS

Symbol Designations: BC—Broadcast frequencies; HF—High frequencies; LS—Large signal; P—Power; SS—Small signal; SW—Switching; Mesa; Epitaxial; †—Thyristor. All are PNP except ▲ are NPN.

| Type | Use | Net Each 1-99 999 | Type | Use | Net Each 1-99 999 |
|------------|-----|-------------------|------------|-----|-------------------|
| 2N104 | SS | 1.65 1.10 | 2N934 | SW | 6.60 4.40 |
| 2N109 | LS | .91 .61 | 2N955 | SW | 4.79 3.19 |
| 2N139 | BC | 1.16 .77 | 2N1010 | ▲ | 2.89 1.93 |
| 2N140 | P | 1.24 .83 | 2N1023 | HF | 2.89 1.93 |
| 2N173 | P | 4.21 2.80 | 2N1066 | HF | 2.89 1.93 |
| 2N174 | P | 4.50 3.00 | 2N1090 | ▲ | 1.24 .83 |
| JAN2N174 | P | 10.05 6.70 | 2N1091 | ▲ | 1.57 1.05 |
| 2N175 | SS | 1.63 1.09 | 2N1099 | P | 6.83 4.55 |
| 2N176 | P | 1.88 1.25 | 2N1100 | P | 9.82 6.58 |
| 2N215 | SS | 1.73 1.16 | 2N1169 | ▲ | 1.99 1.32 |
| 2N217 | LS | .86 .57 | 2N1170 | ▲ | 3.71 2.48 |
| 2N218 | BC | 1.16 .77 | 2N1177 | BC | 1.20 .80 |
| 2N219 | BC | 1.24 .83 | 2N1178 | BC | 1.16 .77 |
| 2N220 | SS | 1.55 1.03 | 2N1179 | BC | 1.16 .77 |
| JAN2N220 | SS | 4.54 3.03 | 2N1180 | BC | .84 .56 |
| 2N269 | SW | 1.98 1.32 | 2N1183 | P | 1.82 1.21 |
| 2N270 | LS | 1.02 .68 | USA2N1183P | P | 2.64 1.76 |
| 2N274 | HF | 1.49 .99 | 2N1099 | P | 2.31 1.54 |
| USA2N274 | HF | 3.30 2.20 | USA2N1183A | P | 3.30 2.20 |
| 2N277 | P | 3.38 2.25 | 2N1183B | P | 3.30 2.20 |
| 2N278 | P | 4.87 3.25 | 2N1183B | P | 3.30 2.20 |
| 2N301 | LS | 1.52 1.01 | USA2N1183B | P | 3.88 2.59 |
| 2N301A | LS | 3.71 2.48 | 2N1184 | P | 4.13 2.75 |
| 2N307 | LS | 1.49 .99 | USA2N1184P | P | 5.28 3.52 |
| 2N351 | LS | 2.03 1.35 | 2N1184A | P | 4.95 3.30 |
| 2N370 | BC | 1.16 .77 | USA2N1184A | P | 6.11 4.07 |
| 2N371 | BC | 1.12 .75 | 2N1184B | P | 7.43 4.95 |
| 2N372 | BC | 1.12 .75 | USA2N1184B | P | 8.58 5.72 |
| 2N376 | LS | 2.10 1.40 | 2N1213 | ▲ | 5.54 3.03 |
| 2N384 | HF | 2.06 1.38 | 2N1213 | ▲ | 5.54 3.03 |
| USA2N384 | HF | 4.54 3.03 | 2N1215 | SW | 4.54 3.03 |
| 2N388 | ▲ | 1.50 1.00 | 2N1216 | ▲ | 2.97 1.98 |
| 2N388A | ▲ | 2.57 1.72 | 2N1224 | HF | 2.06 1.38 |
| 2N395 | SW | .66 .44 | 2N1225 | HF | 2.89 1.91 |
| 2N396 | SW | .84 .56 | 2N1226 | HF | 3.30 2.20 |
| 2N396A | SW | .84 .56 | 2N1300* | SW | 1.16 .77 |
| 2N397 | SW | 1.34 .89 | 2N1701* | SW | 1.65 1.10 |
| 2N398 | SW | 1.30 .87 | 2N1302 | ▲ | .58 .39 |
| 2N398A | SW | 1.30 .87 | 2N1303 | SW | .58 .39 |
| 2N398B | SW | 1.62 1.08 | 2N1304 | ▲ | .76 .51 |
| 2N404 | SW | .63 .42 | 2N1305 | SW | .76 .51 |
| USAF2N404 | SW | .63 .42 | 2N1306 | ▲ | 1.11 .74 |
| 2N404A | SW | .84 .56 | 2N1307 | SW | 1.11 .74 |
| 3907/2N404 | SW | 1.24 .83 | 2N1308 | ▲ | 1.57 1.04 |
| 2N405 | SS | .41 .28 | 2N1309 | SW | 1.57 1.04 |
| 2N406 | SS | .41 .28 | 2N1319 | SW | 1.65 1.10 |
| 2N407 | LS | .51 .34 | 2N1358 | P | 9.16 6.10 |
| 2N408 | LS | .51 .34 | USA2N1358P | P | 9.16 6.10 |
| 2N409 | LS | .61 .41 | 2N1384 | SW | 2.06 1.38 |
| 2N410 | BC | .61 .41 | 2N1395 | HF | 2.81 1.87 |
| 2N411 | BC | .64 .43 | 2N1396 | HF | 3.71 2.48 |
| 2N412 | BC | .64 .43 | 2N1397 | HF | 5.45 3.63 |
| 2N414 | SW | .83 .55 | 2N1412 | P | 8.48 5.65 |
| 2N441 | P | 2.72 1.82 | 2N1425 | BC | .86 .57 |
| 2N442 | P | 4.42 2.95 | 2N1426 | BC | .89 .59 |
| 2N443 | P | 4.42 2.95 | 2N1450 | SW | 2.06 1.38 |
| 2N578 | SW | .99 .66 | 2N1524 | BC | .61 .41 |
| 2N579 | SW | 1.57 1.05 | 2N1525 | BC | .61 .41 |
| 2N580 | SW | 2.06 1.38 | 2N1526 | BC | .64 .43 |
| 2N581 | SW | .63 .42 | 2N1527 | BC | .64 .43 |
| 2N582 | SW | .99 .66 | 2N1605 | ▲ | 1.24 .83 |
| 2N583 | SW | .83 .55 | 2N1605A | ▲ | 1.24 .83 |
| 2N584 | SW | 3.22 2.15 | 2N1831 | BC | .71 .47 |
| 2N585 | ▲ | .99 .66 | 2N1632 | BC | .71 .47 |
| 2N586 | SW | 1.73 1.16 | 2N1633 | BC | 1.24 .83 |
| 2N591 | SS | .66 .44 | 2N1634 | BC | 1.24 .83 |
| 2N643 | SW | 1.40 .94 | 2N1635 | BC | 1.32 .88 |
| 2N644 | SW | 1.65 1.10 | 2N1636 | BC | 1.32 .88 |
| 2N645 | SW | 2.64 1.76 | 2N1637 | BC | .88 .57 |
| 2N647 | ▲ | 1.16 .77 | 2N1638 | BC | .76 .51 |
| 2N649 | ▲ | .86 .57 | 2N1639 | BC | .81 .54 |
| 2N705* | SW | 1.98 1.32 | 2N1683* | SW | 2.06 1.38 |
| 2N710 | SW | 1.73 1.16 | 2N1905 | P | 4.13 2.75 |
| 2N711* | SW | 1.16 .77 | 2N1906 | P | 6.50 4.40 |
| 2N794* | SW | 1.49 .99 | | | |
| 2N795* | SW | 1.98 1.32 | | | |
| 2N796* | SW | 2.89 1.93 | | | |
| 2N828 | SW | 3.30 2.20 | | | |

RCA SILICON TRANSISTORS

P—Power; SW—Switching; VHF—Very high frequency; *—Planar; †—Mesa; All are NPN.

| Type | Use | Net Each 1-99 999 | Type | Use | Net Each 1-99 999 |
|-----------|-----|-------------------|---------|-----|-------------------|
| 2N696* | SW | 1.57 1.05 | 2N1490 | P | 47.85 31.90 |
| 2N697* | SW | 2.06 1.38 | 2N1491† | VHF | 13.55 9.00 |
| 2N699 | P | 14.24 9.50 | 2N1492† | VHF | 16.50 11.00 |
| 2N706* | SW | 1.57 1.05 | 2N1493† | VHF | 20.95 13.95 |
| USA2N706* | SW | 2.23 1.49 | 2N1511 | P | 19.80 13.20 |
| 2N706A | SW | 1.82 1.21 | 2N1512 | P | 23.10 15.40 |
| 2N708* | SW | 2.89 1.93 | 2N1513 | P | 26.40 17.60 |
| 2N834* | SW | 6.19 4.13 | 2N1514 | P | 49.50 33.00 |
| 2N914* | SW | 5.78 3.85 | 2N1613* | SW | 13.10 8.75 |
| 2N1067 | SW | 20.95 13.95 | 2N1700 | P | 4.54 3.03 |
| 2N1068 | SW | 21.95 14.65 | 2N1701 | P | 7.85 5.25 |
| 2N1069 | SW | 49.90 33.30 | 2N1702 | P | 12.40 8.25 |
| 2N1070 | SW | 64.95 43.30 | 2N1703 | P | 12.40 8.25 |
| 2N1092 | SW | 10.75 7.15 | 2N1708* | SW | 4.79 3.19 |
| 2N1479 | P | 5.36 3.58 | 2N1711* | P | 15.75 10.50 |
| 2N1480 | P | 6.60 4.40 | 2N1768 | P | 18.15 12.10 |
| 2N1481 | P | 7.84 5.23 | 2N1769 | P | 32.18 21.45 |
| 2N1482 | P | 9.08 6.05 | 2N2015 | P | 54.45 36.7* |
| 2N1483 | P | 9.90 6.60 | 2N2016 | P | 66.00 44.0* |
| 2N1484 | P | 12.38 8.25 | 2N2102* | SW | 8.25 5.50 |
| 2N1485 | P | 18.15 12.10 | 2N2205* | SW | 4.95 3.30 |
| 2N1486 | P | 32.13 21.45 | 2N2206* | SW | 5.78 3.85 |
| 2N1487 | P | 19.80 13.20 | 2N2270 | P | 4.54 3.03 |
| 2N1488 | P | 23.10 15.40 | 2N2338 | P | 24.75 16.50 |
| | | | 2N2339 | P | 7.84 5.23 |
| | | | 2N1489 | P | 26.40 17.60 |

RCA SILICON RECTIFIERS

| Type | Use | Net Each 1-99 999 | Type | Use | Net Each 1-99 999 |
|-----------|-----|-------------------|------------|-----|-------------------|
| 1N248C | | 3.63 2.42 | 1N1198RA | | 20.39 13.60 |
| 1N248RC | | 3.63 2.42 | 1N1199A | | 2.64 1.76 |
| USA1N249B | | 8.17 5.45 | 1N1199RA | | 2.64 1.76 |
| 1N249C | | 4.46 2.97 | 1N1200A | | 3.30 2.20 |
| 1N249RC | | 4.46 2.97 | 1N1200RA | | 3.30 2.20 |
| USA1N250B | | 10.31 6.88 | 1N1202A | | 5.86 3.90 |
| 1N250C | | 6.60 4.40 | 1N1202RA | | 5.86 3.90 |
| 1N250RC | | 6.60 4.40 | 1N1203A | | 8.55 5.70 |
| 1N440B | | .73 .48 | 1N1203RA | | 8.55 5.70 |
| 1N441B | | .76 .51 | 1N1204A | | 10.20 6.80 |
| 1N442B | | .87 .58 | 1N1204RA | | 10.20 6.80 |
| 1N443B | | 1.09 .73 | 1N1205A | | 14.55 9.70 |
| 1N444B | | 1.24 .83 | 1N1205RA | | 14.55 9.70 |
| 1N445B | | 1.60 1.07 | 1N1206A | | 17.24 11.50 |
| 1N536 | | .59 .40 | 1N1206RA | | 17.24 11.50 |
| 1N537 | | .61 .41 | 1N1612 | | 2.31 1.54 |
| 1N538 | | .64 .43 | 1N1612R | | 2.31 1.54 |
| JAN1N538 | | .78 .52 | 1N1613 | | 3.15 2.10 |
| 1N539 | | .86 .57 | 1N1613R | | 3.15 2.10 |
| 1N540 | | .99 .66 | 1N1614 | | 4.57 3.05 |
| JAN1N540 | | 1.14 .76 | 1N1614R | | 4.57 3.05 |
| 1N547 | | 1.57 1.05 | 1N1615 | | 8.10 5.40 |
| JAN1N547 | | 1.82 1.21 | 1N1615R | | 8.10 5.40 |
| 1N1095 | | 1.24 .83 | 1N1616 | | 12.46 8.30 |
| 1N1183A | | 4.50 3.00 | 1N1616R | | 12.46 8.30 |
| 1N1183RA | | 4.50 3.00 | USA1N2135A | | 13.61 9.08 |
| 1N1184A | | 5.10 3.40 | 1N2858 | | .58 .39 |
| 1N1184RA | | 5.10 3.40 | 1N2859 | | .59 .40 |
| 1N1186A | | 7.34 4.90 | 1N2860 | | .63 .42 |
| 1N1186RA | | 7.34 4.90 | 1N2861 | | .79 .53 |
| 1N1187 | | 10.20 6.80 | 1N2862 | | .91 .61 |
| 1N1187R | | 10.20 6.80 | 1N2863 | | 1.09 .73 |
| 1N1188 | | 13.79 9.20 | 1N2864 | | 1.57 1.05 |
| 1N1188R | | 13.79 9.20 | 1N3193 | | .69 .46 |
| 1N1189 | | 20.54 13.70 | 1N3194 | | .87 .58 |
| 1N1189R | | 20.54 13.70 | 1N3195 | | 1.39 .92 |
| 1N1190 | | 24.37 16.25 | 1N3196 | | 1.82 1.21 |
| 1N1190R | | 24.37 16.25 | 1N3253 | | .77 .48 |
| 1N1195A | | 9.21 6.14 | 1N3254 | | .91 .61 |
| 1N1195RA | | 9.21 6.14 | 1N3255 | | 1.42 .95 |
| 1N1196A | | 12.38 8.25 | 1N3256 | | 1.85 1.23 |
| 1N1196RA | | 12.38 8.25 | 1N3563 | | 2.15 1.43 |
| 1N1197A | | 16.09 10.73 | 1N3754 | | .36 .24 |
| 1N1197RA | | 16.09 10.73 | 1N3755 | | .41 .28 |
| 1N1198A | | 20.39 13.60 | 1N3756 | | .46 .31 |

RCA GERMANIUM COMPENSATING DIODE

| Type | Net Each 1-99 999 | Net Each 100-999 |
|--------|-------------------|------------------|
| 1N2326 | .50 | .33 |

RCA GERMANIUM TUNNEL DIODES

| Type | 1-99 | 100-999 |
|--------|-------|---------|
| 1N3128 | 14.76 | 9.50 |
| 1N3129 | 13.79 | 9.20 |
| 1N3130 | 13.37 | 8.91 |
| 1N3138 | 36.30 | 24.20 |

RCA GERMANIUM MULTIPLE DIODES FOR HIGH SPEED SWITCHING

| Type | 1-99 | 100-999 |
|--------|------|---------|
| 2D0001 | 1.62 | 1.08 |
| 3D0001 | 2.34 | 1.56 |

RCA RADIO & TV SILICON RECTIFIERS

| Type | Peak Inverse Volts | AC VOLTS | Net Each 1-99 999 |
|--------|--------------------|----------|-------------------|
| 1N1763 | 400 | 140 | .83 .55 |
| 1N1764 | 500 | 175 | .94 .63 |

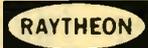
RCA ALL-AMERICAN 8 TRANSISTOR RADIO REPLACEMENT KIT

Direct Transistor Replacements For Over 80 Brands of Radios Over 450 Different Radio Models



All-American 8 consists of 12 transistors attractively packaged: One each of 2N405, 2N406, 2N411 and 2N412; Two each of 2N407, 2N708, 2N409 and 2N410. These are the same types used in the majority of transistor radios and all are high quality units. Complete with 12-page direct replacement transistor guide. SK-1 Net 7.30

RAYTHEON GERMANIUM TRANSISTORS



Symbol Designations: P—Power; A—Audio; CS—Computer Switching; RF—Radio Frequency; S—Switching.

| Type | Use | Net Each 1-99 999 | Type | Use | Net Each 1-99 999 |
|------------|-----|-------------------|--------|-----|-------------------|
| 2N155 | P | 2.83 2.25 | 2N658 | CS | 1.95 1.30 |
| 2N156 | P | 3.75 2.50 | 2N659 | CS | 2.70 1.80 |
| 2N158 | P | 5.25 3.50 | 2N660 | CS | 3.21 2.14 |
| 2N158A | P | 6.75 4.50 | 2N661 | CS | 4.68 3.12 |
| 2N158(JAN) | P | 6.00 4.00 | 2N662 | CS | 2.10 1.40 |
| 2N359 | A | 1.40 .97 | 2N705 | CS | 2.91 1.94 |
| 2N360 | A | 1.23 .82 | 2N705A | CS | 2.91 1.94 |
| 2N361 | A | 1.06 .77 | 2N710 | CS | 2.91 1.94 |
| 2N362 | A | .83 .55 | 2N710A | CS | 2.91 1.94 |
| 2N363 | A | .72 .48 | 2N711 | CS | 1. |



DICKSON SEMICONDUCTORS, G THERMISTORS

DICKSON TEMPERATURE COMPENSATED ZENER REFERENCE DIODES

| JEDEC Type | Net | | JEDEC Type | Net | |
|---|------|-------|------------|-------|-------|
| | 1-24 | 25-99 | | 1-24 | 25-99 |
| 8.35-9.45 Volts; Max. Dyn. Imp. 20 Ohms | | | | | |
| 1N935 | 3.80 | 3.50 | 1N937B | 8.50 | 7.80 |
| 1N935A | 4.15 | 3.80 | 1N938 | 8.10 | 7.50 |
| 1N935B | 4.70 | 4.30 | 1N938A | 9.20 | 8.45 |
| 1N936 | 4.15 | 3.80 | 1N938B | 14.05 | 12.95 |
| 1N936A | 4.90 | 4.50 | 1N939 | 18.75 | 17.25 |
| 1N936B | 5.65 | 5.20 | 1N939A | 25.80 | 23.80 |
| 1N937 | 7.00 | 6.45 | 1N939B | 36.20 | 33.40 |
| 1N937A | 7.60 | 7.00 | | | |
| 11.12-12.28 Volts; Max. Dyn. Imp. 30 Ohms | | | | | |
| 1N941 | 4.80 | 4.50 | 1N943B | 11.15 | 10.25 |
| 1N941A | 5.25 | 4.85 | 1N944 | 10.60 | 9.70 |
| 1N941B | 6.05 | 5.60 | 1N944A | 12.00 | 11.05 |
| 1N942 | 5.40 | 4.95 | 1N944B | 17.75 | 16.35 |
| 1N942A | 6.40 | 5.85 | 1N945 | 24.50 | 22.50 |
| 1N942B | 7.35 | 6.80 | 1N945A | 33.40 | 30.80 |
| 1N943 | 9.15 | 8.40 | 1N945B | 47.85 | 43.20 |
| 1N943A | 9.95 | 9.15 | | | |
| 8.9-9.7 Volts; Max. Dyn. Imp. 15 Ohms | | | | | |
| 1N2620 | 4.15 | 3.80 | 1N2622B | 9.40 | 8.65 |
| 1N2620A | 4.40 | 4.05 | 1N2623 | 8.80 | 8.10 |
| 1N2620B | 4.95 | 4.55 | 1N2623A | 10.05 | 9.25 |
| 1N2621 | 4.45 | 4.10 | 1N2623B | 13.50 | 12.40 |
| 1N2621A | 4.95 | 4.55 | 1N2624 | 22.00 | 20.25 |
| 1N2621B | 5.75 | 5.30 | 1N2624A | 28.80 | 26.50 |
| 1N2622 | 7.65 | 7.00 | 1N2624B | 38.50 | 35.40 |
| 1N2622A | 8.20 | 7.55 | | | |

SILICON SIGNAL DIODES

| Type | Net Ea. | | Type | Net Ea. | |
|--------|---------|---------|-----------|---------|---------|
| | 1-99 | 100-999 | | 1-99 | 100-999 |
| 1N251 | 4.50 | 3.15 | 1N914B | 4.85 | 3.26 |
| 1N252 | 2.85 | 2.00 | 1N916 | 4.05 | 3.20 |
| 1N625 | 1.35 | .95 | 1N916A | 4.05 | 3.20 |
| 1N626 | 1.70 | 1.19 | 1N916B | 4.76 | 3.80 |
| 1N659 | 2.25 | 1.58 | 1N917 | 4.65 | 3.84 |
| 1N659A | 2.25 | 1.58 | 1N917 | 2.90 | 2.25 |
| 1N811 | 1.55 | 1.09 | 1N3062 | 5.75 | 4.00 |
| 1N812 | 2.25 | 1.58 | 1N3063 | 5.50 | 3.85 |
| 1N813 | 2.00 | 1.40 | 1N3064 | 6.50 | 5.00 |
| 1N814 | 2.25 | 1.58 | 1N3065 | 6.50 | 5.00 |
| 1N815 | 2.25 | 1.58 | 1N3066 | 5.50 | 3.85 |
| 1N891 | 2.50 | 1.75 | 1N3067 | 1.20 | .90 |
| 1N903 | 4.05 | 2.84 | 1N3068 | 1.12 | .82 |
| 1N903A | 4.05 | 2.84 | 1N3124 | 3.00 | 2.20 |
| 1N904 | 3.85 | 2.70 | 1N3604/ | | |
| 1N904A | 3.85 | 2.70 | (SD-150) | 2.50 | 1.67 |
| 1N905 | 3.65 | 2.56 | 1N3605/ | | |
| 1N905A | 3.65 | 2.56 | (SD-160) | 2.50 | 1.67 |
| 1N906 | 3.25 | 2.28 | 1N3606/ | | |
| 1N906A | 3.25 | 2.28 | (SD-160A) | 2.95 | 1.95 |
| 1N907 | 3.40 | 2.38 | 1N3607/ | | |
| 1N907A | 3.40 | 2.38 | (MSD-150) | 11.50 | 7.75 |
| 1N908 | 3.60 | 2.52 | 1N3608 | 10.90 | 7.25 |
| 1N908A | 3.60 | 2.52 | 1N3609/ | | |
| 1N914 | 3.00 | 2.40 | MSD-150/ | 13.50 | 8.90 |
| 1N914A | 3.00 | 2.40 | 1N3607 | 11.50 | 7.75 |

SILICON ZENER REGULATORS (LOW CURRENT)

| Type | Net Ea. | | Type | Net Ea. | |
|-----------|---------|---------|-----------|---------|---------|
| | 1-99 | 100-999 | | 1-99 | 100-999 |
| 4J24X5.1 | 4.20 | 2.80 | 4J24X10A | 5.70 | 3.80 |
| 4J24X5.6 | 3.49 | 2.35 | 4J24X11A | 5.70 | 3.80 |
| 4J24X5.8 | 3.49 | 2.35 | 4J24X12A | 5.70 | 3.80 |
| 4J24X6.2 | 3.49 | 2.35 | 4J24X13A | 5.70 | 3.80 |
| 4J24X6.8 | 3.49 | 2.35 | 4J24X14A | 5.70 | 3.80 |
| 4J24X7.5 | 3.49 | 2.35 | 4J24X15A | 5.70 | 3.80 |
| 4J24X8.2 | 3.49 | 2.35 | 4J24X16A | 5.70 | 3.80 |
| 4J24X9.1 | 3.49 | 2.35 | 4J24X5.1B | 4.45 | 2.95 |
| 4J24X10 | 3.49 | 2.35 | 4J24X5.6B | 3.90 | 2.60 |
| 4J24X11 | 3.49 | 2.35 | 4J24X6.2B | 3.90 | 2.60 |
| 4J24X12 | 3.49 | 2.35 | 4J24X6.8B | 3.90 | 2.60 |
| 4J24X13 | 3.49 | 2.35 | 4J24X7.5B | 3.90 | 2.60 |
| 4J24X14 | 3.49 | 2.35 | 4J24X8.2B | 3.90 | 2.60 |
| 4J24X15 | 3.49 | 2.35 | 4J24X9.1B | 3.90 | 2.60 |
| 4J24X16 | 3.49 | 2.35 | 4J24X10B | 3.90 | 2.60 |
| 4J24X5.1A | 6.75 | 4.50 | 4J24X11B | 3.90 | 2.60 |
| 4J24X5.6A | 5.70 | 3.80 | 4J24X12B | 3.90 | 2.60 |
| 4J24X6.2A | 5.70 | 3.80 | 4J24X13B | 3.90 | 2.60 |
| 4J24X6.8A | 5.70 | 3.80 | 4J24X14B | 3.90 | 2.60 |
| 4J24X7.5A | 5.70 | 3.80 | 4J24X15B | 3.90 | 2.60 |
| 4J24X8.2A | 5.70 | 3.80 | 4J24X16B | 3.90 | 2.60 |
| 4J24X9.1A | 5.70 | 3.80 | | | |

GE VAC-U-SEL® DUAL DIODES

| Type | 1-99 | 100-999 |
|------|------|---------|
| 6GC1 | .54 | .49 |
| 6GD1 | .54 | .49 |
| 6GX1 | .54 | .49 |

POWER REGULATORS AND DOUBLE ANODE CLIPPERS

R=Reverse polarity; A=± 5% tolerance; C=Clipper. All have R case type.

| Type | Net Ea. | | Type | Net Ea. | |
|---------------|---------|---------|----------|---------|---------|
| | 1-99 | 100-999 | | 1-99 | 100-999 |
| 1N1816 | 8.45 | 6.50 | 1N2008 | 8.45 | 6.50 |
| 1N1817 | 8.45 | 6.50 | 1N2009 | 8.45 | 6.50 |
| 1N1818 | 8.45 | 6.50 | 1N2010 | 8.45 | 6.50 |
| 1N1819 | 8.45 | 6.50 | 1N2011 | 8.45 | 6.50 |
| 1N1820 | 8.45 | 6.50 | 1N2008R | 8.45 | 6.50 |
| 1N1821 | 8.45 | 6.50 | 1N2009R | 8.45 | 6.50 |
| 1N1822 | 8.45 | 6.50 | 1N2010R | 8.45 | 6.50 |
| 1N1823 | 8.45 | 6.50 | 1N2011R | 8.45 | 6.50 |
| 1N1824 | 8.45 | 6.50 | 1N2008A | 11.00 | 8.50 |
| 1N1825 | 8.45 | 6.50 | 1N2009A | 11.00 | 8.50 |
| 1N1826 | 8.45 | 6.50 | 1N2010A | 11.00 | 8.50 |
| 1N1827 | 8.45 | 6.50 | 1N2011A | 11.00 | 8.50 |
| 1N1828 | 8.45 | 6.50 | 1N2008RA | 11.00 | 8.50 |
| 1N1829 | 8.45 | 6.50 | 1N2009RA | 11.00 | 8.50 |
| 1N1830 | 8.45 | 6.50 | 1N2010RA | 11.00 | 8.50 |
| 1N1831 | 8.45 | 6.50 | 1N2011RA | 11.00 | 8.50 |
| 1N1832 | 8.45 | 6.50 | 1N2008C | 13.00 | 10.00 |
| 1N1833 | 8.45 | 6.50 | 1N2009C | 13.00 | 10.00 |
| 1N1834 | 8.45 | 6.50 | 1N2010C | 13.00 | 10.00 |
| 1N1835 | 8.45 | 6.50 | 1N2011C | 13.00 | 10.00 |
| 1N1836 | 8.45 | 6.50 | 1N2498 | 8.45 | 6.50 |
| 1N1816R thru | 8.45 | 6.50 | 1N2499 | 8.45 | 6.50 |
| 1N1836R | 8.45 | 6.50 | 1N2500 | 8.45 | 6.50 |
| 1N1816A thru | 11.00 | 8.50 | 1N2498R | 8.45 | 6.50 |
| 1N1836A USN | 11.00 | 8.50 | 1N2499R | 8.45 | 6.50 |
| 1N1816A thru | 12.50 | 9.50 | 1N2500R | 8.45 | 6.50 |
| 1N1836A USN | 12.50 | 9.50 | 1N2498A | 11.00 | 8.50 |
| 1N1816RA thru | 11.00 | 8.50 | 1N2499A | 11.00 | 8.50 |
| 1N1836RA | 11.00 | 8.50 | 1N2500A | 11.00 | 8.50 |
| USN1 | | | 1N2498RA | 11.00 | 8.50 |
| 1816RA thru | 12.50 | 9.50 | 1N2499RA | 11.00 | 8.50 |
| USN1R | | | 1N2500RA | 11.00 | 8.50 |
| 1836RA | 12.50 | 9.50 | 1N2498C | 13.00 | 10.00 |
| 1N1816C thru | 13.00 | 10.00 | 1N2499C | 13.00 | 10.00 |
| 1N1836C | 13.00 | 10.00 | 1N2500C | 13.00 | 10.00 |

GALLIUM ARSENIDE TUNNEL DIODES

| Type | Net Ea. | | Type | Net Ea. | |
|--------|---------|---------|--------|---------|---------|
| | 1-99 | 100-999 | | 1-99 | 100-999 |
| XA-650 | 27.30 | 21.00 | XA-652 | 18.20 | 14.00 |
| XA-651 | 39.00 | 30.00 | XA-653 | 11.70 | 9.00 |

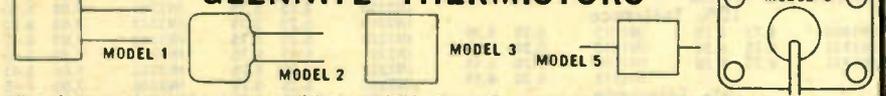
PHOTO DEVICE

| Type | Case | Net Ea. | |
|--------|------|---------|-------|
| | | 1-9 | 10-99 |
| 1N2175 | CC | 11.50 | 8.00 |

GERMANIUM TUNNEL DIODES

| Type | Net Ea. | | Type | Net Ea. | |
|---------|---------|---------|---------------|---------|---------|
| | 1-99 | 100-999 | | 1-99 | 100-999 |
| 1N3149 | 4.15 | 2.75 | 1N2969 | 4.55 | 3.05 |
| 1N3149A | 8.25 | 5.50 | 1N2969A | 9.15 | 6.10 |
| 1N3150 | 4.15 | 2.75 | TD-1 (1N3712) | 3.75 | 2.50 |
| 1N3218 | 15.00 | 10.00 | TD-1 (1N3713) | 5.60 | 3.75 |
| 1N3218A | 18.00 | 12.00 | TD-2 (1N3714) | 3.30 | 2.20 |
| 1N3219 | 12.00 | 8.00 | TD-2 (1N3715) | 5.15 | 3.45 |
| 1N3219A | 15.00 | 10.00 | TD-3 (1N3716) | 2.45 | 1.70 |
| 1N2939 | 6.70 | 4.45 | TD-3 (1N3717) | 4.45 | 2.95 |
| 1N2939A | 13.35 | 8.90 | TD-4 (1N3718) | 2.55 | 1.70 |
| 1N2940 | 4.95 | 3.30 | TD-4 (1N3719) | 4.45 | 2.95 |
| 1N2940A | 10.05 | 6.70 | TD-5 (1N3720) | 2.55 | 1.70 |
| 1N2941 | 4.15 | 2.75 | TD-5 (1N3721) | 4.45 | 2.95 |
| 1N2941A | 8.25 | 5.50 | | | |

GLENNITE THERMISTORS



All resistances and temperature coefficients at 25°C. Dissipation measurements—suspended by leads in still air, except as noted. WAFER—max. oper. temp. 150°C. Model Key (see illustration): (1) radial leads (2) radial leads; body coated with impregnated phenolic (3) without leads (5) axial leads (6) wafer on plate with lead. Avg. shpg. wt., 1 oz. * Resistance Temp. Coeff. † Dissipation Constant.

| No. | Model | Ohms | NET EACH | | | | No. | Model | Ohms | NET EACH | | | | | |
|--------|-------|--------|--------------|----------|-------|-------|------|--------|------|--------------|----------|-------|-------|------|------|
| | | | *Coeff. / °C | †MW / °C | 25 up | 25 up | | | | *Coeff. / °C | †MW / °C | 25 up | 25 up | | |
| 11T1E1 | 1 | 10±10% | -3.9% | 7.9 | 1.40 | 1.20 | .95 | 25T03 | 3 | 500±10% | -4.4% | 3.0 | .90 | .75 | .60 |
| 11T1E2 | 2 | 10±10% | -3.9% | 7.9 | 1.75 | 1.45 | 1.15 | 25T05 | 5 | 500±10% | -4.4% | 3.0 | 1.60 | 1.30 | 1.05 |
| 11T1E3 | 3 | 10±10% | -3.9% | 7.9 | 1.00 | .85 | .65 | 31T01 | 1 | 1000±10% | -4.4% | 2.6 | 1.30 | 1.05 | .85 |
| 11T1E5 | 5 | 10±10% | -3.9% | 7.9 | 1.70 | 1.40 | 1.10 | 31T02 | 2 | 1000±10% | -4.4% | 2.6 | 1.65 | 1.35 | 1.10 |
| 12T1E1 | 1 | 20±10% | -3.9% | 4.7 | 1.40 | 1.20 | .95 | 31T03 | 3 | 1000±10% | -4.4% | 2.6 | .85 | .70 | .55 |
| 12T1E2 | 2 | 20±10% | -3.9% | 4.7 | 1.75 | 1.45 | 1.15 | 31T05 | 5 | 1000±10% | -4.4% | 2.6 | 1.40 | 1.20 | .95 |
| 12T1E3 | 3 | 20±10% | -3.9% | 4.7 | 1.00 | .85 | .65 | 23T011 | 1 | 270±10% | -4.4% | 3.8 | 1.40 | 1.20 | .95 |
| | | | | | | | | | | | | | | | |



DICKSON DEPENDABLE DIODES



400-MW SILICON ZENER DIODES (Fig. A)

| 20% Tolerance | | 20% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N957 | 2.20 2.05 | 1N975 | 2.20 2.05 |
| 1N958 | 2.20 2.05 | 1N976 | 2.55 2.35 |
| 1N959 | 2.20 2.05 | 1N977 | 2.55 2.35 |
| 1N960 | 2.20 2.05 | 1N978 | 2.55 2.35 |
| 1N961 | 2.20 2.05 | 1N979 | 2.55 2.35 |
| 1N962 | 2.20 2.05 | 1N980 | 2.55 2.35 |
| 1N963 | 2.20 2.05 | 1N981 | 2.55 2.35 |
| 1N964 | 2.20 2.05 | 1N982 | 2.55 2.35 |
| 1N965 | 2.20 2.05 | 1N983 | 2.55 2.35 |
| 1N966 | 2.20 2.05 | 1N984 | 2.55 2.35 |
| 1N967 | 2.20 2.05 | 1N985 | 2.75 2.60 |
| 1N968 | 2.20 2.05 | 1N986 | 2.75 2.60 |
| 1N969 | 2.20 2.05 | 1N987 | 2.75 2.60 |
| 1N970 | 2.20 2.05 | 1N988 | 2.75 2.60 |
| 1N971 | 2.20 2.05 | 1N989 | 2.75 2.60 |
| 1N972 | 2.20 2.05 | 1N990 | 2.75 2.60 |
| 1N973 | 2.20 2.05 | 1N991 | 2.75 2.60 |
| 1N974 | 2.20 2.05 | 1N992 | 2.75 2.60 |

| 10% Tolerance | | 5% Tolerance | |
|--------------------|----------------|--------------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N957A thru 1N975A | 2.55 2.40 | 1N957B thru 1N975B | 3.60 3.30 |
| 1N976A thru 1N984A | 3.10 2.85 | 1N976B thru 1N984B | 3.75 3.45 |
| 1N985A thru 1N992A | 3.45 3.25 | 1N985B thru 1N992B | 4.00 3.75 |

1-WATT SILICON ZENER DIODES (Fig. B)

| 10% Tolerance | | 10% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N1767 | 3.25 3.00 | 1N1785 | 3.25 3.00 |
| 1N1768 | 3.25 3.00 | 1N1786 | 3.25 3.00 |
| 1N1769 | 3.25 3.00 | 1N1787 | 3.25 3.00 |
| 1N1770 | 3.25 3.00 | 1N1788 | 3.25 3.00 |
| 1N1771 | 3.25 3.00 | 1N1789 | 3.25 3.00 |
| 1N1772 | 3.25 3.00 | 1N1790 | 3.25 3.00 |
| 1N1773 | 3.25 3.00 | 1N1791 | 3.25 3.00 |
| 1N1774 | 3.25 3.00 | 1N1792 | 3.25 3.00 |
| 1N1775 | 3.25 3.00 | 1N1793 | 3.25 3.00 |
| 1N1776 | 3.25 3.00 | 1N1794 | 3.25 3.00 |
| 1N1777 | 3.25 3.00 | 1N1795 | 3.25 3.00 |
| 1N1778 | 3.25 3.00 | 1N1796 | 3.25 3.00 |
| 1N1779 | 3.25 3.00 | 1N1797 | 3.25 3.00 |
| 1N1780 | 3.25 3.00 | 1N1798 | 3.25 3.00 |
| 1N1781 | 3.25 3.00 | 1N1799 | 3.25 3.00 |
| 1N1782 | 3.25 3.00 | 1N1800 | 5.25 4.85 |
| 1N1783 | 3.25 3.00 | 1N1801 | 5.25 4.85 |
| 1N1784 | 3.25 3.00 | 1N1802 | 5.25 4.85 |

| 5% Tolerance | | 5% Tolerance | |
|----------------------|----------------|----------------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N1767A thru 1N1785A | 4.75 4.35 | 1N1767B thru 1N1785B | 4.75 4.35 |
| 1N1786A thru 1N1799A | 4.75 4.35 | 1N1786B thru 1N1799B | 7.90 7.25 |

1-WATT SILICON ZENER DIODES (Fig. C)

| 20% Tolerance | | 20% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N3016 | 2.95 2.70 | 1N3034 | 2.95 2.70 |
| 1N3017 | 2.95 2.70 | 1N3035 | 2.95 2.70 |
| 1N3018 | 2.95 2.70 | 1N3036 | 2.95 2.70 |
| 1N3019 | 2.95 2.70 | 1N3037 | 2.95 2.70 |
| 1N3020 | 2.95 2.70 | 1N3038 | 2.95 2.70 |
| 1N3021 | 2.95 2.70 | 1N3039 | 2.95 2.70 |
| 1N3022 | 2.95 2.70 | 1N3040 | 2.95 2.70 |
| 1N3023 | 2.95 2.70 | 1N3041 | 2.95 2.70 |
| 1N3024 | 2.95 2.70 | 1N3042 | 2.95 2.70 |
| 1N3025 | 2.95 2.70 | 1N3043 | 2.95 2.70 |
| 1N3026 | 2.95 2.70 | 1N3044 | 2.95 2.70 |
| 1N3027 | 2.95 2.70 | 1N3045 | 2.95 2.70 |
| 1N3028 | 2.95 2.70 | 1N3046 | 2.95 2.70 |
| 1N3029 | 2.95 2.70 | 1N3047 | 2.95 2.70 |
| 1N3030 | 2.95 2.70 | 1N3048 | 2.95 2.70 |
| 1N3031 | 2.95 2.70 | 1N3049 | 3.55 3.30 |
| 1N3032 | 2.95 2.70 | 1N3050 | 3.55 3.30 |
| 1N3033 | 2.95 2.70 | 1N3051 | 3.55 3.30 |

| 10% Tolerance | | 5% Tolerance | |
|----------------------|----------------|----------------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N3016A thru 1N3048A | 3.30 3.05 | 1N3016B thru 1N3048B | 4.75 4.35 |
| 1N3049A thru 1N3051A | 5.25 4.85 | 1N3049B thru 1N3051B | 7.90 7.25 |

1.5-WATT SILICON ZENER DIODES (Fig. E)

| 20% Tolerance | | 20% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1.5Z6.8D | 3.75 3.45 | 1.5Z43D | 3.75 3.45 |
| 1.5Z7.5D | 3.75 3.45 | 1.5Z45D | 3.75 3.45 |
| 1.5Z8.2D | 3.75 3.45 | 1.5Z47D | 3.75 3.45 |
| 1.5Z9.1D | 3.75 3.45 | 1.5Z50D | 3.75 3.45 |
| 1.5Z10D | 3.75 3.45 | 1.5Z51D | 3.75 3.45 |
| 1.5Z11D | 3.75 3.45 | 1.5Z52D | 3.75 3.45 |
| 1.5Z12D | 3.75 3.45 | 1.5Z56D | 3.75 3.45 |
| 1.5Z13D | 3.75 3.45 | 1.5Z62D | 3.75 3.45 |
| 1.5Z14D | 3.75 3.45 | 1.5Z68D | 3.75 3.45 |
| 1.5Z15D | 3.75 3.45 | 1.5Z75D | 3.75 3.45 |
| 1.5Z16D | 3.75 3.45 | 1.5Z82D | 3.75 3.45 |
| 1.5Z17D | 3.75 3.45 | 1.5Z91D | 3.75 3.45 |
| 1.5Z18D | 3.75 3.45 | 1.5Z100D | 3.75 3.45 |
| 1.5Z19D | 3.75 3.45 | 1.5Z105D | 3.75 3.45 |
| 1.5Z20D | 3.75 3.45 | 1.5Z110D | 3.75 3.45 |
| 1.5Z22D | 3.75 3.45 | 1.5Z120D | 3.75 3.45 |
| 1.5Z24D | 3.75 3.45 | 1.5Z130D | 3.75 3.45 |
| 1.5Z25D | 3.75 3.45 | 1.5Z140D | 3.75 3.45 |
| 1.5Z27D | 3.75 3.45 | 1.5Z150D | 3.75 3.45 |
| 1.5Z30D | 3.75 3.45 | 1.5Z160D | 4.75 4.35 |
| 1.5Z33D | 3.75 3.45 | 1.5Z175D | 4.75 4.35 |
| 1.5Z36D | 3.75 3.45 | 1.5Z180D | 4.75 4.35 |
| 1.5Z39D | 3.75 3.45 | 1.5Z200D | 4.75 4.35 |

| 10% Tolerance | | 5% Tolerance | |
|----------------------------|----------------|----------------------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1.5Z6.8D10 thru 1.5Z150D10 | 5.30 4.90 | 1.5Z160D10 thru 1.5Z200D10 | 7.05 6.50 |

| 5% Tolerance | | 5% Tolerance | |
|--------------------------|----------------|--------------------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1.5Z6.805 thru 1.5Z15005 | 6.95 6.40 | 1.5Z16005 thru 1.5Z20005 | 8.80 8.10 |

10-WATT SILICON ZENER DIODES (Fig. F)

| 10% Tolerance | | 10% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N1351 | 6.55 6.30 | 1N1364 | 6.55 6.30 |
| 1N1352 | 6.55 6.30 | 1N1365 | 6.55 6.30 |
| 1N1353 | 6.55 6.30 | 1N1366 | 6.55 6.30 |
| 1N1354 | 6.55 6.30 | 1N1367 | 6.55 6.30 |
| 1N1355 | 6.55 6.30 | 1N1368 | 6.55 6.30 |
| 1N1356 | 6.55 6.30 | 1N1369 | 6.55 6.30 |
| 1N1357 | 6.55 6.30 | 1N1370 | 6.55 6.30 |
| 1N1358 | 6.55 6.30 | 1N1371 | 6.55 6.30 |
| 1N1359 | 6.55 6.30 | 1N1372 | 6.55 6.30 |
| 1N1360 | 6.55 6.30 | 1N1373 | 6.55 6.30 |
| 1N1361 | 6.55 6.30 | 1N1374 | 6.55 6.30 |
| 1N1362 | 6.55 6.30 | 1N1375 | 6.55 6.30 |
| 1N1363 | 6.55 6.30 | | |

| 5% Tolerance | | 5% Tolerance | |
|----------------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N1351A thru 1N1375A | 8.45 7.90 | | |

| 10% Tolerance | | 10% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N1809 | 6.75 6.20 | 1N1812 | 6.75 6.20 |
| 1N1810 | 6.75 6.20 | 1N1813 | 9.20 8.45 |
| 1N1811 | 6.75 6.20 | 1N1814 | 9.20 8.45 |
| | | 1N1815 | 9.20 8.45 |

| 5% Tolerance | | 5% Tolerance | |
|----------------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N1809A thru 1N1812A | 8.75 8.15 | | |
| 1N1813A thru 1N1815A | 14.05 12.95 | | |

| 20% Tolerance | | 20% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N2970 | 5.50 5.05 | 1N2993 | 5.50 5.05 |
| 1N2971 | 5.50 5.05 | 1N2994 | 5.50 5.05 |
| 1N2972 | 5.50 5.05 | 1N2995 | 5.50 5.05 |
| 1N2973 | 5.50 5.05 | 1N2996 | 5.50 5.05 |
| 1N2974 | 5.50 5.05 | 1N2997 | 5.50 5.05 |
| 1N2975 | 5.50 5.05 | 1N2998 | 5.50 5.05 |
| 1N2976 | 5.50 5.05 | 1N2999 | 5.50 5.05 |
| 1N2977 | 5.50 5.05 | 1N3000 | 5.50 5.05 |
| 1N2978 | 5.50 5.05 | 1N3001 | 5.50 5.05 |
| 1N2979 | 5.50 5.05 | 1N3002 | 5.50 5.05 |
| 1N2980 | 5.50 5.05 | 1N3003 | 5.50 5.05 |
| 1N2981 | 5.50 5.05 | 1N3004 | 5.50 5.05 |
| 1N2982 | 5.50 5.05 | 1N3005 | 5.50 5.05 |
| 1N2983 | 5.50 5.05 | 1N3006 | 5.50 5.05 |
| 1N2984 | 5.50 5.05 | 1N3007 | 5.50 5.05 |
| 1N2985 | 5.50 5.05 | 1N3008 | 5.50 5.05 |
| 1N2986 | 5.50 5.05 | 1N3009 | 5.50 5.05 |
| 1N2987 | 5.50 5.05 | 1N3010 | 5.50 5.05 |
| 1N2988 | 5.50 5.05 | 1N3011 | 5.50 5.05 |
| 1N2989 | 5.50 5.05 | 1N3012 | 6.05 5.60 |
| 1N2990 | 5.50 5.05 | 1N3013 | 6.05 5.60 |
| 1N2991 | 5.50 5.05 | 1N3014 | 6.05 5.60 |
| 1N2992 | 5.50 5.05 | 1N3015 | 6.05 5.60 |

| 10% Tolerance | | 5% Tolerance | |
|----------------------|----------------|----------------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N2970A thru 1N3011A | 6.75 6.20 | 1N2970B thru 1N3011B | 8.75 8.05 |
| 1N3012A thru 1N3015A | 9.20 8.45 | 1N3012B thru 1N3015B | 14.05 12.95 |

50-WATT SILICON ZENER DIODES (Fig. G)

| 20% Tolerance | | 20% Tolerance | |
|----------------|----------------|----------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N2804 | 6.25 5.75 | 1N2826 | 6.25 5.75 |
| 1N2805 | 6.25 5.75 | 1N2827 | 6.25 5.75 |
| 1N2806 | 6.25 5.75 | 1N2828 | 6.25 5.75 |
| 1N2807 | 6.25 5.75 | 1N2829 | 6.25 5.75 |
| 1N2808 | 6.25 5.75 | 1N2830 | 6.25 5.75 |
| 1N2809 | 6.25 5.75 | 1N2831 | 6.25 5.75 |
| 1N2810 | 6.25 5.75 | 1N2832 | 6.25 5.75 |
| 1N2811 | 6.25 5.75 | 1N2833 | 6.25 5.75 |
| 1N2812 | 6.25 5.75 | 1N2834 | 6.25 5.75 |
| 1N2813 | 6.25 5.75 | 1N2835 | 6.25 5.75 |
| 1N2814 | 6.25 5.75 | 1N2836 | 6.25 5.75 |
| 1N2815 | 6.25 5.75 | 1N2837 | 6.25 5.75 |
| 1N2816 | 6.25 5.75 | 1N2838 | 6.25 5.75 |
| 1N2817 | 6.25 5.75 | 1N2839 | 7.00 6.45 |
| 1N2818 | 6.25 5.75 | 1N2840 | 7.00 6.45 |
| 1N2819 | 6.25 5.75 | 1N2841 | 7.00 6.45 |
| 1N2820 | 6.25 5.75 | 1N2842 | 7.00 6.45 |
| 1N2821 | 6.25 5.75 | 1N2843 | 7.00 6.45 |
| 1N2822 | 6.25 5.75 | 1N2844 | 8.10 7.50 |
| 1N2823 | 6.25 5.75 | 1N2845 | 8.10 7.50 |
| 1N2824 | 6.25 5.75 | 1N2846 | 8.10 7.50 |
| 1N2825 | 6.25 5.75 | | |

| 10% Tolerance | | 5% Tolerance | |
|----------------------|----------------|----------------------|----------------|
| Zener Type No. | NET 1-24 25-99 | Zener Type No. | NET 1-24 25-99 |
| 1N2804A thru 1N2838A | 8.20 7.55 | 1N2804B thru 1N2838B | 10.60 9.80 |
| 1N2839A thru 1N2843A | 10.60 9.80 | 1N2844A thru 1N2846A | 12.30 11.30 |

| 5% Tolerance | | 5% Tolerance | |
|---------------|--|--------------|--|
| Zener Type No | | | |

AD

ASTRO DYNAMICS SEMICONDUCTOR HEAT SINKS

MODEL 2501 NATURAL CONVECTION HEAT SINK



Designed to answer need for versatile, inexpensive, high efficient heat dissipator with extraordinary low thermal resistance 1.95° C/Watt in 50% less volume. Requires no blower and can be used mounted flush against the sides of a chassis. Model 2501-B is single layer heat sink, anodized black with mounting holes, and with semiconductor mounting hole pattern (choice of P1, P2, P3 or P4). Has spot face on one side. Model 2501-C is same as 2501-B except with added 1/4" dia. spot face on fin side. Size: 4" L x 3" W x .687" Thick. Shpg. wt., 1 lb.

| Stock No. | Model | 1-24 | 25-49 | 50-99 | 100-499 | 500-999 |
|-----------|-----------|------|-------|-------|---------|---------|
| 3SS-29 | 2501-B/P1 | 2.50 | 2.34 | 2.18 | 2.02 | 1.86 |
| 3SS-30 | 2501-B/P2 | 2.65 | 2.49 | 2.33 | 2.17 | 2.01 |
| 3SS-20 | 2501-B/P3 | 2.65 | 2.49 | 2.33 | 2.17 | 2.01 |
| 3SS-32 | 2501-B/P4 | 2.80 | 2.64 | 2.48 | 2.32 | 2.16 |
| 3SS-33 | 2501-C/P1 | 2.94 | 2.74 | 2.56 | 2.37 | 2.18 |
| 3SS-34 | 2501-C/P2 | 3.09 | 2.99 | 2.71 | 2.52 | 2.33 |
| 3SS-35 | 2501-C/P3 | 3.09 | 2.99 | 2.71 | 2.52 | 2.33 |
| 3SS-36 | 2501-C/P4 | 3.24 | 3.05 | 2.86 | 2.67 | 2.48 |

MODEL 2502 NATURAL CONVECTION HEAT SINK



A double layer version of Model 2501. The fin design of the 2502 optimizes the effect of the heat transfer coefficient available in free convection flow, and provides maximum dissipation per unit. Has surface area of 112 sq. in. and low thermal resistance of —1.3° C/Watt. Requires no blower. Model 2502-B is anodized black. Available in patterns P1, P2, P3 and P4 semiconductor mounting holes. Has 1/4" spot face on one side. Model 2502-C is same as 2502-B but has 1/4" dia. spot face on both sides. Size 4" L x 3" W x 1.281" Thick. Shpg. wt. 1 lb.

| Stock No. | Model | 1-24 | 25-49 | 50-99 | 100-499 | 500-999 |
|-----------|-----------|------|-------|-------|---------|---------|
| 3SS-37 | 2502-B/P1 | 3.52 | 3.29 | 3.06 | 2.83 | 2.60 |
| 3SS-38 | 2502-B/P2 | 3.67 | 3.44 | 3.21 | 2.98 | 2.75 |
| 3SS-21 | 2502-B/P3 | 3.67 | 3.44 | 3.21 | 2.98 | 2.75 |
| 3SS-40 | 2502-B/P4 | 3.82 | 3.59 | 3.36 | 3.13 | 2.90 |
| 3SS-41 | 2502-C/P1 | 3.95 | 3.70 | 3.45 | 3.20 | 2.94 |
| 3SS-42 | 2502-C/P2 | 4.10 | 3.85 | 3.60 | 3.35 | 3.09 |
| 3SS-43 | 2502-C/P3 | 4.10 | 3.85 | 3.60 | 3.35 | 3.09 |
| 3SS-44 | 2502-C/P4 | 4.25 | 4.00 | 3.75 | 3.50 | 3.24 |

MOUNTING KITS FOR MODELS 2501 AND 2502 HEAT SINKS

| GROUNDING MOUNTING KITS | | Shpg. wt., 8 oz. | | | | |
|-------------------------|-----------------|------------------|-------|-------|---------|---------|
| Stock No. | Model | 1-24 | 25-49 | 50-99 | 100-499 | 500-999 |
| 3SS-45 | 1205M1-1/2 1/2" | .60 | .56 | .52 | .48 | .44 |
| 3SS-46 | 1205M1-3/4 3/4" | .60 | .56 | .52 | .48 | .44 |

INSULATED MOUNTING KITS

| | | | | | | |
|--------|-----------------|-----|-----|-----|-----|-----|
| 3SS-47 | 1205M2-1/2 1/2" | .60 | .56 | .52 | .48 | .44 |
| 3SS-48 | 1205M2-3/4 3/4" | .60 | .56 | .52 | .48 | .44 |

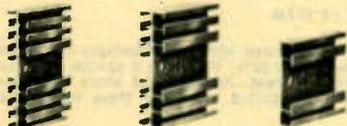
M3 MOUNTING KIT

FOR 2501, 2502 & 2503 HEAT SINKS

Consists of 2 aluminum brackets, 4 speed nuts and machine screws. Enables mounting heat sink to either a vertical or horizontal chassis.

| | | | | | | |
|--------|----|-----|-----|-----|-----|---|
| 3SS-49 | M3 | .37 | .33 | .33 | .30 | — |
|--------|----|-----|-----|-----|-----|---|

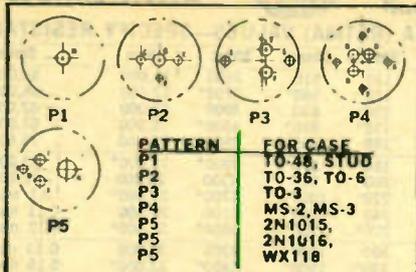
ASTRO UNIVERSAL MOUNTING HEAT SINKS



Versatile, inexpensive, highly efficient heat sinks. Incorporate a universal transistor hole pattern and are mounted with a universal mounting bracket kit. Allows the direct mounting of the most common power transistors such as stud type, TO-6 and TO-36 cases, TO-3 case, TO-48 case, and 2N1015, 2N1016 and WX118 transistors. Model 2505 has thermal resistance of 1.9° C/watt at a power level of 30 watts. Models 2504 and 2506 have performances 90% that of Models 2501 and 2503 respectively. Av. Shpg. wt., 12 oz.

| | | Net Each | | | | |
|-----------|-------|------------|------|-------|---------|---------|
| Stock No. | Model | Size | 1-24 | 25-99 | 100-499 | 500-999 |
| 3SS-39 | 2504 | 4x3x1/4" | 1.15 | 1.00 | .90 | |
| 3SS-31 | 2505 | 4x3x1/4" | 1.25 | 1.10 | .95 | |
| 3SS-60 | 2506 | 5/4x3x1/4" | 1.50 | 1.30 | 1.10 | |

KEY TO DEVICE MOUNTING PATTERNS



MODEL 2503 NATURAL CONVECTION HEAT SINK

Companion to 2501 and 2502 models. Features thermal resistance of 1.70° C/Watt at 20 watts. 1.58° C/Watt at 30 watts. Model 2503-B is anodized black with heat sink mounting holes and 1/4" spot face on one side. 2503-C is same as 2503-B but with spot face on both sides. Size: 5 1/4" L x 3" W x 1 1/4" Thick. Shpg. wt., 1 lb.

| Stock No. | Model | 1-25 | 25-49 | 50-99 | 100-499 |
|-----------|-----------|------|-------|-------|---------|
| 3SS-50 | 2503-B/P1 | 3.86 | 3.49 | 3.36 | 3.10 |
| 3SS-51 | 2503-B/P2 | 4.01 | 3.64 | 3.51 | 3.25 |
| 3SS-52 | 2503-B/P3 | 4.01 | 3.64 | 3.51 | 3.25 |
| 3SS-53 | 2503-B/P4 | 4.16 | 3.79 | 3.66 | 3.40 |
| 3SS-54 | 2503-B/P5 | 4.01 | 3.64 | 3.51 | 3.25 |
| 3SS-55 | 2503-C/P1 | 4.34 | 4.06 | 3.78 | 3.51 |
| 3SS-56 | 2503-C/P2 | 4.49 | 4.21 | 3.93 | 3.66 |
| 3SS-57 | 2503-C/P3 | 4.49 | 4.21 | 3.93 | 3.66 |
| 3SS-58 | 2503-C/P4 | 4.64 | 4.36 | 4.08 | 3.81 |
| 3SS-59 | 2503-C/P5 | 4.49 | 4.21 | 3.93 | 3.66 |

MODEL 2507 NATURAL CONVECTION HEAT SINK

• For Silicon Control Rectifiers

A special natural convection heat sink with extremely low thermal resistance .68 C/Watt from mounting surface to air at power level of 75 watts, without the use of forced air. Surface area is 240 sq. in. The 2507 also is designed to be used with components in bridge circuits and pre-packaged systems. Model 2507-4B is anodized black with component mounting hole, without 1/4"-20 tapped holes. Model 2507-4C is same as 2507-B but with 8 tapped holes, 1/4"-20. Size: 4x4x4". Shpg. wt., 2 lbs.

| Stock No. | Model | 1-24 | 25-49 | 50-99 |
|-----------|---------|------|-------|-------|
| 3SS-61 | 2507-4B | 5.00 | 4.25 | 3.50 |
| 3SS-62 | 2507-4C | 5.50 | 4.75 | 4.00 |

Lafayette stocks the complete Astro Dynamic Heat Sink line including the Modular 4, 8, 12 and 16-unit heat sink assemblies of Series 2401 with blower, and the series 2601 forced convection heat sink assemblies with blower. Write or call your Lafayette Industrial salesman for price quotations and technical help on these as well as any other items in this line.

TEXAS INSTRUMENTS SERIES 51 SOLID CIRCUIT™ SEMICONDUCTOR NETWORKS

Texas Instruments Series 51 semiconductor networks consist of six basic functional blocs for digital equipment design. Performing either NOR or NAND logic, all six networks features Resistor-Capacitor-Transistor-Logic to provide low power drain. Provide size reduction of 100:1 and weight reductions of 50:1 over conventional transistor circuitry. Ultra-pure silicon used in entire network for optimum reliability. Networks reduce number of physical connections up to 80%. Temperature range: —55°C to 125°C. Supply voltage +3 volts to +6 volts dc, ±10%. Propagation delay: 150-450 N sec Vcc = 3 volt. 75-224 N sec Vcc = 6 volt. Hermetic sealed package. 0.025" L, 0.125" W, 0.035" thick. Shpg. wt., 1 oz. *Can be assorted. †=Same as SN512 except Fan-Out Terminal H-25 Max.

| Mfr. No. | Network | Net Ea. * | |
|----------|--|-----------|--------|
| | | 1-25 | 26-250 |
| SN510 | R-S Flip Flop/Counter | 95.00 | 76.00 |
| SN511 | R-S Flip Flop/Counter with Emitter-Following | 115.00 | 92.00 |
| SN512 | NOR/NAND | 95.00 | 76.00 |
| SN513† | NOR/NAND | 115.00 | 92.00 |
| SN514 | Two NOR/NAND | 95.00 | 76.00 |
| SN515 | Exclusive OR | 95.00 | 76.00 |

2700 SERIES NATURAL CONVECTION HEAT SINKS



• Designed For Computer and Printed Circuit Applications

These small, light natural convection heat sinks optimize the effect of the heat transfer coefficient available in free convection. Black anodized aluminum. Accommodate transistors with TO-5, TO-9, TO-11, TO-12, TO-16, TO-26, TO-31, TO-33, TO-39, TO-42, and TO-43 cases. Provided with #3/48 machine screw to clamp transistor. Model 2701 is 1.9x.635x.25" high; 2702 is 1.57x.7x.25" high; 2703 is 1.67x1.14x.25" high; 2704 is 2.75x.7x.400" high. Shpg. wt., 4 oz. 2704-A for TO-26 and TO-31 cases; 2704-B for TO-5 and TO-9 cases.

| Stock No. | Model | Net Each | | | |
|-----------|--------|----------|-------|-------|---------|
| | No. | 1-24 | 25-49 | 50-99 | 100-499 |
| 3SS-22 | 2701 | .28 | .80 | .75 | .70 |
| 3SS-64 | 2702 | .23 | .88 | .82 | .76 |
| 3SS-65 | 2703 | .18 | .98 | .91 | .85 |
| 3SS-66 | 2704-A | .12 | .60 | .55 | .49 |
| 3SS-67 | 2704-B | .12 | .87 | .81 | .72 |



2800 SERIES CONDUCTION TRANSISTOR HEAT SINKS

Accommodates TO-5, TO-9, TO-11, TO-12, TO-16, TO-29, TO-33, TO-39, TO-42 and TO-43 case types. Dissipates heat from transistors by conduction. Provides sufficiently large surface contact with chassis. Black anodized aluminum, with #4/40 machine screw for clamping. 2801 is .87x.5x.25" high; 2802 is 1.5x.5x.25" high. Shpg. wt., 4 oz. 2° C/Watt per transistor temperature difference between transistor case & chassis. Model 2801 accommodates 1 transistor; 2802 — two transistors.

| Stock No. | Model | Net Each | | | |
|-----------|-------|----------|-------|-------|---------|
| | No. | 1-25 | 25-49 | 50-99 | 100-499 |
| 3SS-23 | 2801 | .75 | .69 | .64 | .59 |
| 3SS-69 | 2802 | .98 | .91 | .85 | .79 |



MALLORY MAGNESIUM-COPPER SULPHIDE RECTIFIERS

Single phase, full-erase all metal bridge type rectifiers. Self-healing rectifying film. Constant output and not affected by temperature extremes (—90° to ±265°F). Type of mounting: * Insulated bolt; ** Full load; †† Resistive load. Cont = Continuous; RE-60 for Electric Fence; RE-61 for 6SAC4-2 charger; RE-62 for 6SAC6-3 charger.

| Stock No. | Mfr. No. | ACV | DCV | Cont. | Size HxWxD | Wt. Lbs. | Net Each |
|-----------|----------|-----|-----|-------|--------------------|----------|----------|
| RE-60 | 1B12R* | 9.7 | 5.2 | 1.3 | 7/8x1x1 1/4" | 1/4 | 2.58 |
| RE-61 | 1B125* | 9.7 | 5.0 | 4.5 | 2 1/8x2 1/4x2 1/2" | 1/2 | 4.64 |
| RE-62 | 1B12C5* | 9.7 | 5.0 | 5.3 | 2 1/8x2 1/4x3" | 3/4 | 5.05 |



SARKES TARZIAN SILICON RECTIFIER

Model 500 Cartridge is rated at 500 milliamps. Mounts in standard fuse holder for 3AG fuse. Can take up to a maximum input of 280 volts AC. Size 1" L x 1/2" diam.; ends —1/4" diam. Shpg. wt., 3 ozs.

| | | | |
|-------------|--|------|----------|
| RE-39 | Silicon Rectifier Lots of 10, each | 1.25 | Net 1.40 |
| Model M-150 | Same as above, but takes up to 150 Milliamps. Size: 1" L x 1/2". Shpg. wt., 3 ozs. | | |
| RE-40 | Silicon Rectifier Lots of 10, each | .84 | Net .93 |
| EL-183 | BUSS 4405 HOLDER FOR SINGLE M500 | | .13 |
| EL-184 | BUSS 4408 DUAL HOLDER FOR TWO M500 | | .26 |



HIGH DENSITY SELENIUM RECTIFIERS

Replacements for radios, TV sets, Hi-Fi, etc. 130 VAC input; 380 ma. peak inverse volts. All have solder lugs. Avg. shpg. wt., 4 oz.

| Stock No. | Net Ma | L/10 Stock | Net Ma | Net L/10 |
|-----------|---------|------------|--------|-------------------------|
| RE-50 | 65-75 | .42 | .40 | RE-53 350-400 1.19 1.11 |
| RE-51 | 100-150 | .52 | .48 | RE-54 450-500 1.28 1.19 |
| RE-52 | 200-300 | .98 | .90 | RE-55 550-600 1.58 1.47 |



1/2 750 Ma. RADIO & TV SILICON RECTIFIER

Replaces selenium units without any need for conversion. Size: 1 1/2x1 1/2x1". Shpg. wt., 9 ozs.

| | | |
|--|-----------------------------|-------------------|
| RE-21 | Lots of 10, ea. 1.65 | Singly 1.82 |
| SILICON T.V. 502 COLOR T.V. REPLACEMENT | | |
| Rated 750MA @ 260V. For many color T.V. sets, also for doubler circuits in black and white sets. Size: 1 1/2x1 1/2x1". Shpg. wt., 9 ozs. | | |
| RE-38 | Lots of 10, each 2.91 | Singly 3.23 |

RESISTORS



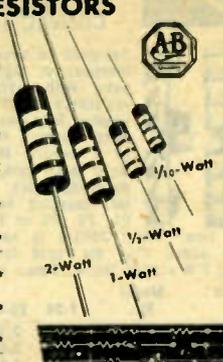
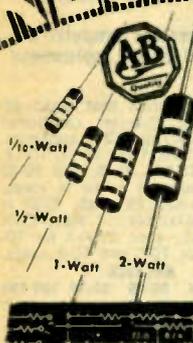
OHMITE



ALLEN-BRADLEY AND IRC RESISTORS

MASTER CHART EIA (RETMA) VALUES—SPECIFY RESISTANCE WANTED

| Ohms | Ohms | Ohms | Ohms | Ohms | Ohms | Ohms | Ohms | Ohms | Megs | Megs | Megs |
|-------|------|------|------|------|-------|---------|---------|-----------|-------|------|------|
| 0.24 | 1.1 | 5.1 | 24 | 110 | 510 | 2400 | 11,000 | 51,000 | 0.24 | 1.1 | 5.1 |
| 0.27* | 1.2* | 5.6* | 27* | 120* | 560* | 2700* | 12,000* | 56,000* | 0.27* | 1.2* | 5.6* |
| 0.30 | 1.3 | 6.2 | 30 | 130 | 620 | 3000 | 13,000 | 62,000 | 0.30 | 1.3 | 6.2 |
| 0.33* | 1.5* | 6.8* | 33* | 150* | 680* | 3300* | 15,000* | 68,000* | 0.33* | 1.5* | 6.8* |
| 0.36 | 1.6 | 7.5 | 36 | 160 | 750 | 3600 | 16,000 | 75,000 | 0.36 | 1.6 | 7.5 |
| 0.39* | 1.8* | 8.2* | 39* | 180* | 820* | 3900* | 18,000* | 82,000* | 0.39* | 1.8* | 8.2* |
| 0.43 | 2.0 | 9.1 | 43 | 200 | 910 | 4300 | 20,000 | 91,000 | 0.43 | 2.0 | 9.1 |
| 0.47* | 2.2* | 10* | 47* | 220* | 1000* | 4700* | 22,000* | 0.1 meg* | 0.47* | 2.2* | 10* |
| 0.51 | 2.4 | 11 | 51 | 240 | 1100 | 5100 | 24,000 | 0.11 meg* | 0.51 | 2.4 | 11 |
| 0.56* | 2.7* | 12* | 56* | 270* | 1200* | 5600* | 27,000* | 0.12 meg* | 0.56* | 2.7* | 12* |
| 0.62 | 3.0 | 13 | 62 | 300 | 1300 | 6200 | 30,000 | 0.13 meg | 0.62 | 3.0 | 13 |
| 0.68* | 3.3* | 15* | 68* | 330* | 1500* | 6800* | 33,000* | 0.15 meg* | 0.68* | 3.3* | 15* |
| 0.75 | 3.6 | 16 | 75 | 360 | 1600 | 7500 | 36,000 | 0.16 meg | 0.75 | 3.6 | 16 |
| 0.82* | 3.9* | 18* | 82* | 390* | 1800* | 8200* | 39,000* | 0.18 meg* | 0.82* | 3.9* | 18* |
| 0.91 | 4.3 | 20 | 91 | 430 | 2000 | 9100 | 43,000 | 0.20 meg | 0.91 | 4.3 | 20 |
| 1.0* | 4.7* | 22* | 100* | 470* | 2200* | 10,000* | 47,000* | 0.22 meg* | 1.0* | 4.7* | 22* |



ALLEN-BRADLEY AND IRC RESISTORS

CARBON TYPES

Molded, insulated resistors that meet rigid MIL-R-11C specifications. EIA (RETMA) color coded. Brand new factory fresh stock with full length leads. Sizes: .140Lx.067" (1/10 watt); 1/4Lx1/4" (1/2 watt); 3/8Lx3/8" (1 watt); 1/2Lx1/2" (2 watt).

10% TOLERANCE available within limits of ranges listed below and in sizes shown in master chart with asterisk.

| Stock No. | Watts | Mil Equiv. | Range | Net Ea. | 10 For |
|-----------|-------|------------|---------------------|---------|--------|
| RS-24 | 1/10 | | 10 ohms to 1 meg | .24 | 1.50 |
| RS-10 | 1/2 | RC-20 | 10 ohms to 22 megs | .07 | .56 |
| RS-11 | 1 | RC-32 | 10 ohms to 22 megs | .09 | .74 |
| RS-12 | 2 | RC-42 | 100 ohms to 22 megs | .15 | 1.36 |

5% TOLERANCE available within limits of ranges below, in all sizes shown in master chart.

| Stock No. | Watts | Mil Equiv. | Range | Net Ea. | 10 For |
|-----------|-------|------------|---------------------|---------|--------|
| RS-13 | 1/2 | RC-20 | 10 ohms to 22 megs | .30 | 1.50 |
| RS-14 | 1 | RC-32 | 10 ohms to 22 megs | .30 | 2.30 |
| RS-15 | 2 | RC-42 | 100 ohms to 22 megs | .40 | 3.50 |

WIREWOUND TYPES

IRC type BW. Will stand 50% to 100% overloads with little resistance change. Sizes: 1/2 watt) 3/8x3/8"; 1 watt) 1 1/4x1/4"; (2 watt) 1 3/4x3/4"

10% TOLERANCE available within limits of ranges below in sizes with asterisk in master chart.

| Stock No. | Watts | Mil Equiv. | Range | Net Ea. | 10 For |
|-----------|-------|------------|-------------------|---------|--------|
| RS-16 | 1/2 | RU-3 | 0.27 to 8.2 ohms | .24 | .19 |
| RS-17 | 1/2 | RU-3 | 10 to 820 ohms | .20 | .16 |
| RS-18 | 1 | RU-4 | 0.47 to 4700 ohms | .30 | .24 |
| RS-19 | 2 | RU-6 | 1.0 to 8200 ohms | .40 | .31 |

5% TOLERANCE available within limits of ranges below in all sizes in master chart.

| Stock No. | Watts | Mil Equiv. | Range | Net Ea. | 10 For |
|-----------|-------|------------|-------------------|---------|--------|
| RS-20 | 1/2 | RU-3 | 0.24 to 9.1 ohms | .48 | .38 |
| RS-21 | 1/2 | RU-3 | 10 to 820 ohms | .30 | .24 |
| RS-22 | 1 | RU-4 | 0.47 to 5100 ohms | .45 | .35 |
| RS-23 | 2 | RU-6 | 1.0 to 8200 ohms | .60 | .47 |

INDUSTRIAL QUANTITY PRICES

Special prices for quantity purchases. Minimum 100 of a value. Assortments of values permitted for 500 and 1000 lot prices, but must be at least 100 per value. See adjoining 2 columns for full specifications and ohmage ranges.

| Stock No. | Watts | Lots 100 per 100 | Lots 500 per 100 | Lots 1000 per 100 |
|-----------|-------|------------------|------------------|-------------------|
| RS-24 | 1/10 | 14.00 | 11.20 | 10.50 |
| RS-10 | 1/2 | 4.00 | 3.00 | 2.70 |
| RS-11 | 1 | 6.00 | 5.40 | 4.80 |
| RS-12 | 2 | 12.90 | 10.20 | 9.00 |
| RS-13 | 1/2 | 9.60 | 7.30 | 6.00 |
| RS-14 | 1 | 16.20 | 12.50 | 10.00 |
| RS-15 | 2 | 24.00 | 21.50 | 18.00 |
| RS-16 | 1/2 | 12.90 | 6.40 | 5.70 |
| RS-17 | 1/2 | 10.80 | 6.00 | 5.40 |
| RS-18 | 1 | 18.20 | 9.00 | 8.10 |
| RS-19 | 2 | 21.60 | 12.00 | 10.80 |
| RS-20 | 1/2 | 25.90 | 14.60 | 13.10 |
| RS-21 | 1/2 | 16.20 | 9.00 | 8.10 |
| RS-22 | 1 | 24.30 | 14.00 | 12.60 |
| RS-23 | 2 | 32.40 | 18.00 | 16.20 |

A FABULOUS BUY! GENUINE IRC and ALLEN-BRADLEY Resistor Kit 10% TOLERANCE 1/2 WATT RETMA Color Coded



100
INSULATED
RESISTORS
WITH PLASTIC
HINGED BOX!

450

Lafayette leads the field with a genuine Allen Bradley and IRC 1/2 watt, 10% tolerance, molded resistor kit with a Transparent Plastic Utility Box (built in partitions) size: 8 1/4 x 4 1/4 x 1 3/8". Meet JAN-R-11 specifications.

Stock No. KI-23—Total 100 molded resistors with Transparent Plastic Case Net 4.50

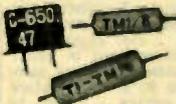
| Quant. | Ohms |
|------------|----------------------|
| 3 | 100 |
| 3 | 470 |
| 4 | 1,000 |
| 3 | 2,200 |
| 4 | 4,700 |
| 5 | 10,000 |
| 4 | 22,000 |
| 4 | 27,000 |
| 4 | 33,000 |
| 4 | 47,000 |
| 10 | .1 meg |
| 4 | .15 meg |
| 4 | .27 meg |
| 10 | .47 meg |
| 10 | 1 meg |
| 4 | 2.2 meg |
| 20 | Other popular values |
| 100 | TOTAL |

TEXAS SILICON SENSOR SOLID STATE TEMPERATURE SENSING RESISTORS

• Temperature Compensating • Temperature Sensing
Used in countless applications from Geophysics to Missiles — Amplifiers — Power Supplies — Servos — Magnetic Amps — Computers — Telemetry.

Temperature coefficient of 0.7%/°C. Available in following standard resistances, in ohms.

| | 10 | 22 | 47 | 100 | 220 | 470 | 820 | 1800 | 3900 | 6800 |
|----|----|----|-----|-----|-----|------|------|------|--------|------|
| 12 | 27 | 56 | 120 | 270 | 500 | 1000 | 2200 | 4700 | 8200 | |
| 15 | 33 | 68 | 150 | 330 | 560 | 1200 | 2700 | 5000 | 10,000 | |
| 18 | 39 | 82 | 180 | 390 | 680 | 1500 | 3300 | 5600 | | |



| Stock No. | TI Type No. | Watts | Tol. | ± | Body L x Dia. | 1-49 | 50-249 | 250-499 | 500-999 |
|-----------|-------------|-------|------|-----------------|---------------|------|--------|---------|---------|
| 3RS-223 | TM 1/4 | 1/4 | 10% | 0.585" x 0.2" | | 4.00 | 3.50 | 3.00 | 2.50 |
| 3RS-228 | TM 1/4 | 1/4 | 5% | 0.585" x 9.2" | | 4.80 | 4.05 | 3.30 | 2.75 |
| 3RS-224 | TM 1/8 | 1/8 | 10% | 0.406" x 0.140" | | 5.00 | 4.50 | 4.00 | 3.20 |
| 3RS-229 | TM 1/4 | 1/4 | 5% | 0.406" x 0.140" | | 6.00 | 5.20 | 4.40 | 3.50 |
| 3RS-225 | TC 1/8 | 1/8 | 10% | TO-5 TRANS PACK | | 3.00 | 4.50 | 4.00 | 3.20 |
| 3RS-230 | TC 1/8 | 1/8 | 5% | TO-5 TRANS PACK | | 6.00 | 5.20 | 4.50 | 3.50 |

NEW! 1/10 WATT MINIATURE CARBON-FILM RESISTORS AT LOW, LOW PRICES

MASTER CHART EIA (RETMA) VALUES SPECIFY RESISTANCE WANTED

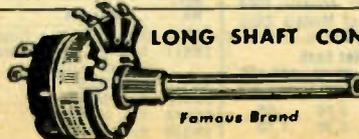
| Ohms | Ohms | Ohms | Ohms | Ohms | Ohms | Ohms | Ohms |
|------|------|------|------|------|--------|---------|----------|
| 5.1 | 22 | 91 | 390 | 1600 | 6800 | 30,000 | 0.12 meg |
| 5.6 | 24 | 100 | 430 | 1800 | 7500 | 33,000 | 0.13 meg |
| 6.2 | 27 | 110 | 470 | 2000 | 8200 | 36,000 | 0.15 meg |
| 6.8 | 30 | 120 | 510 | 2200 | 9100 | 39,000 | 0.16 meg |
| 7.5 | 33 | 130 | 560 | 2400 | 10,000 | 43,000 | 0.18 meg |
| 8.2 | 36 | 150 | 620 | 2700 | 11,000 | 47,000 | 0.20 meg |
| 9.1 | 39 | 160 | 680 | 3000 | 12,000 | 51,000 | 0.22 meg |
| 10 | 43 | 180 | 750 | 3300 | 13,000 | 56,000 | 0.24 meg |
| 11 | 47 | 200 | 820 | 3600 | 15,000 | 62,000 | 0.27 meg |
| 12 | 51 | 220 | 910 | 3900 | 16,000 | 68,000 | 0.30 meg |
| 13 | 56 | 240 | 1000 | 4300 | 18,000 | 75,000 | 0.33 meg |
| 15 | 62 | 270 | 1100 | 4700 | 20,000 | 82,000 | 0.39 meg |
| 16 | 68 | 300 | 1200 | 5100 | 22,000 | 91,000 | 0.43 meg |
| 18 | 75 | 330 | 1300 | 5600 | 24,000 | 99,000 | 0.47 meg |
| 20 | 82 | 360 | 1500 | 6200 | 27,000 | 110,000 | 0.51 meg |

- REALLY MINIATURE—ONLY .28"L x .08"DIAM.
- LOW NOISE

Lafayette brings you true miniaturization combined with the advantages of carbon-film resistors. Rated at 1/10 watt, tolerance ±10%, they have a special synthetic resin insulation, withstand high degrees of heat, humidity and shock. Very low temperature coefficient and noise factor. Imported to sell at these low prices. SPECIFY RESISTANCE VALUE.

| RS-250 | Net ea. |
|--------|----------------|
| | .12 |
| | 5 for .50 |
| | 25 for 1.75 |
| | 100 for 5.00 |
| | 1000 for 40.00 |

INDUSTRIALS: ASK FOR QUOTATIONS IN LARGER QUANTITIES



LONG SHAFT CONTROL WITH SWITCH

VC-10, 1 Meg. } AUDIO TAPER
VC-11, 1/2 Meg. }

Famous Brand

Each49
Lots of 10 Each39

MALLORY POWER RESISTORS

MALLORY VITREOUS ENAMEL FIXED POWER RESISTORS

Master Chart Resistance Values For Fixed Type Resistors. Specify Stock No. and Ohmage On Your Order.

| Ohms | Ohms | Ohms | Ohms | Ohms* | Ohms | Ohms |
|------|-------|-------|--------|--------|----------|-----------|
| 1 | 25*+ | 250*+ | 1000*+ | 3500* | 10,000*+ | 22,500 |
| 1.5 | 30 | 300* | 1100 | 4000* | 11,000 | 25,000*+ |
| 2 | 35 | 350 | 1200 | 4500* | 12,000 | 30,000*+ |
| 3 | 40 | 400* | 1250* | 5000*+ | 12,500*+ | 35,000*+ |
| 4 | 50*+ | 450 | 1500*+ | 6000* | 13,500 | 40,000*+ |
| 5* | 75* | 500*+ | 1750* | 7000 | 14,300 | 45,000* |
| 7.5 | 100*+ | 600 | 2000*+ | 7500*+ | 15,000*+ | 50,000*+ |
| 10*+ | 125 | 700 | 2250* | 8000 | 16,000 | 75,000*+ |
| 12 | 150* | 750*+ | 2500*+ | 8200 | 17,500 | 100,000*+ |
| 15* | 200* | 800 | 2750* | 8500 | 18,000 | |
| 20 | 225 | 900 | 3000* | 9000 | 20,000*+ | |

MALLORY POWER RESISTORS

Mallory power resistors are the finest quality wire-wound on ceramic cores. They are covered with baked-on vitreous enamel and give full wattage dissipation. Leads or lugs are firmly imbedded. Consult listings below and master charts for ohmages available in each type. BE CERTAIN YOUR ORDER SPECIFIES BOTH OUR STOCK NO. AND OHMAGE DESIRED.

TYPE HHJ-5 WATT FIXED

Available in all ohmages in chart through 5000 ohms except 225 and 2750. Has both lugs and wire leads. Tube size $\frac{3}{4} \times 1\frac{1}{2}$ ". Tolerance $\pm 5\%$ on all values above 10 ohms, others $\pm 10\%$. Shpg. wt., 3 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | 1-49 | 50-99 | 100-249 | 250-499 |
|-----------|-----------|------|-------|---------|---------|
| 3RS-110 | 1-1000 | .39 | .34 | .28 | .24 |
| 3RS-111 | 1100-5000 | .42 | .36 | .30 | .255 |

TYPE 1HJ-10 WATT FIXED

Available in all ohmages in master chart thru 50,000 ohms, except 1.5 and 2750 ohms. Has both lugs and wire leads. Tube size $\frac{3}{4} \times 1\frac{1}{2}$ ". Tolerance $\pm 5\%$ on all values above 10 ohms, others $\pm 10\%$. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | 1-49 | 50-99 | 100-249 | 250-499 |
|-----------|---------------|------|-------|---------|---------|
| 3RS-112 | 1-1000 | .43 | .35 | .29 | .27 |
| 3RS-113 | 1100-5000 | .44 | .365 | .31 | .27 |
| 3RS-114 | 6000-10,000 | .49 | .395 | .34 | .285 |
| 3RS-115 | 11,000-25,000 | .57 | .455 | .38 | .315 |
| 3RS-116 | 30,000-50,000 | .72 | .58 | .46 | .39 |

TYPE 2HJ-20 WATT FIXED

Available in all ohmages in chart marked * Has both lugs and wire leads. Tube size $\frac{3}{4} \times 2$ ". Tolerance $\pm 5\%$. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER.

| Stock No. | Ohms | 1-49 | 50-99 | 100-249 | 250-499 |
|-----------|-------------|------|-------|---------|---------|
| 3RS-117 | 5-1000 | .48 | .385 | .33 | .28 |
| 3RS-118 | 1250-5000 | .49 | .395 | .34 | .29 |
| 3RS-119 | 6000-10000 | .55 | .45 | .385 | .33 |
| 3RS-120 | 12500-20000 | .58 | .47 | .405 | .34 |
| 3RS-121 | 25000-40000 | .70 | .565 | .49 | .43 |
| 3RS-122 | 50,000 | .83 | .69 | .55 | .48 |
| 3RS-123 | 75,000 | .88 | .72 | .58 | .50 |
| 3RS-124 | 100,000 | .94 | .76 | .62 | .53 |

IRC PW-10 POWER RESISTORS



10 Watt wire wound resistors with axial leads. Rectangular ceramic body.

| Ohms | Ohms | Ohms | Ohms | Ohms | Ohms |
|------|------|------|------|------|--------|
| 1 | 30 | 300 | 1000 | 3500 | 8500 |
| 2 | 40 | 350 | 1200 | 3900 | 9000 |
| 3 | 50 | 400 | 1250 | 4000 | 10,000 |
| 4 | 75 | 500 | 1500 | 4500 | 12,000 |
| 5 | 100 | 600 | 1750 | 5000 | 12,500 |
| 7.5 | 120 | 700 | 2000 | 6000 | 15,000 |
| 10 | 125 | 750 | 2250 | 7000 | 20,000 |
| 15 | 150 | 800 | 2500 | 7500 | 25,000 |
| 20 | 200 | 820 | 3000 | 8000 | |
| 25 | 250 | 900 | 3300 | 8200 | |

RS-107 Specify values . . . 1-99 assorted Net ea. .35
100-up assorted Net ea. .25

TYPE 5HJ-50 WATT FIXED

Available in all ohmages in chart marked with +. Tube size $\frac{3}{4} \times 4$ ". Lug terminals. 2 mtg. feet furnished. Tolerance $\pm 5\%$. Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | Net Each in Lots of | | |
|-----------|---------------|---------------------|-------|---------|
| | | 1-49 | 50-99 | 100-249 |
| 3RS-125 | 10-1000 | .69 | .555 | .475 |
| 3RS-126 | 1500-5000 | .71 | .57 | .485 |
| 3RS-127 | 7500-10000 | .73 | .62 | .525 |
| 3RS-128 | 12,500-20,000 | .76 | .68 | .58 |
| 3RS-129 | 25,000-40,000 | .97 | .78 | .66 |
| 3RS-130 | 50,000 | 1.10 | .86 | .73 |
| 3RS-131 | 75,000 | 1.27 | .99 | .83 |
| 3RS-132 | 100,000 | 1.39 | 1.06 | .88 |

TYPE 10HJ-100 WATT FIXED

Available only in ohmages listed below. Tube size $\frac{3}{4} \times 6\frac{1}{2}$ ". Tolerance $\pm 5\%$. Lug Terminals. 2 mtg. feet supplied. Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | Net Each in Lots of | | |
|-----------|-----------------------|---------------------|-------|---------|
| | | 1-49 | 50-99 | 100-249 |
| 3RS-133 | 25, 50, 100, 150, 250 | 1.04 | .79 | .655 |
| 3RS-133 | 500, 750, 1000 | 1.04 | .79 | .655 |
| 3RS-134 | 1500, 2K, 2500, 5K | 1.10 | .85 | .705 |
| 3RS-135 | 7500, 10000 | 1.14 | .88 | .73 |
| 3RS-136 | 15000, 20000 | 1.28 | .95 | .805 |
| 3RS-137 | 25K, 30K, 40K | 1.40 | 1.11 | .94 |
| 3RS-138 | 50,000 | 1.49 | 1.17 | 1.00 |
| 3RS-139 | 75,000 | 1.66 | 1.31 | 1.12 |
| 3RS-140 | 100,000 | 1.88 | 1.48 | 1.265 |

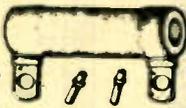
TYPE 20HJ-200 WATT FIXED

Available only in ohmages listed below. Tube size $1\frac{1}{4} \times 10\frac{1}{2}$ ". Tolerance $\pm 5\%$. Lug terminals. 2 mtg. feet supplied. Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | NET EACH | |
|-----------|------------------------------------|----------|-------|
| | | 1-49 | 50-99 |
| 3RS-141 | 25, 50, 75, 100, 250, 500, 750, 1K | 1.92 | 1.56 |
| 3RS-142 | 1500, 2000, 2500, 3000, 5000 | 1.83 | 1.47 |
| 3RS-143 | 7500, 10000 | 2.06 | 1.68 |
| 3RS-144 | 20000 | 2.20 | 1.79 |
| 3RS-145 | 30000, 40000 | 2.26 | 1.84 |
| 3RS-146 | 50000 | 2.32 | 1.90 |
| 3RS-147 | 75,000 | 2.48 | 2.02 |
| 3RS-148 | 100,000 | 2.63 | 2.15 |

FUSIBLE RESISTORS



Replacements for Motorola, Crosley, Emerson, Raytheon, Philco, Hoffman, Hallcrafters, Trutone, Sears, Montgomery Ward, Sentinel, Arvin and many others. Shpg. wt., 5 oz.

- TS-253 - Kit of 4. 5.6 Ohms
- TS-254 - Kit of 4. 7.5 Ohms
- TS-255 - Kit of 4. 9.0 Ohms
- TS-256 - Kit of 4. 22 Ohms
- TS-322 - Kit of 4. 4.7 Ohms
- TS-323 - Kit 1 each of 5 values

IRC RESIST-O-GUIDE

Pocket size guide, identifies resistance values and color code. Simply dial the colors or resistance values; corresponding data comes up automatically. Mil, EIA, and standard values listed on reverse side. Net Ea. .15

MALLORY VARIABLE RESISTORS



Same fine quality and construction as the fixed types, but with an exposed section of winding to provide tapping-off of resistance values from 0 to the max. value of the resistor. All with lug terminals, tolerance $\pm 10\%$, each supplied with 2 mtg. feet and one adjustable clip. Consult listings below and master chart for ohmages available in each type. BE CERTAIN TO SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER.

MASTER CHART OF VALUES FOR VARIABLE RESISTORS

| Ohms | Ohms | Ohms | Ohms | Ohms |
|------|-------|--------|----------|----------|
| 1* | 75*+ | 750*+ | 4000*+ | Unms |
| 2 | 100*+ | 800 | 4500 | 12,000* |
| 3* | 150*+ | 1000*+ | 5000*+ | 20,000*+ |
| 5*+ | 200*+ | 1250* | 6000* | 25,000*+ |
| 7.5 | 250*+ | 1500*+ | 7000 | 30,000* |
| 10*+ | 300* | 2000*+ | 7500*+ | 35,000 |
| 15* | 350 | 2250 | 8000 | 40,000* |
| 20 | 400*+ | 2500*+ | 8500 | 50,000* |
| 25*+ | 500* | 3000*+ | 9000 | 75,000 |
| 50*+ | 600 | 3500* | 10,000*+ | |

TYPE 1AV-10-WATT VARIABLE

Available in all ohmages in chart through 10,000 ohms. Tube size $\frac{3}{4} \times 1\frac{3}{4}$ ". Shpg. wt., 3 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | NET EACH IN LOTS OF | | |
|-----------|------------|---------------------|-------|---------|
| | | 1-49 | 50-99 | 100-249 |
| 3RS-149 | 1-1000 | .71 | .55 | .45 |
| 3RS-150 | 1250-5000 | .73 | .57 | .49 |
| 3RS-151 | 6000-10000 | .76 | .65 | .55 |

TYPE 2AV-25-WATT VARIABLE

Available in all ohmages in chart marked with * Tube size $\frac{3}{4} \times 2$ ". Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | NETS EACH IN LOTS OF | | |
|-----------|-------------|----------------------|-------|---------|
| | | 1-49 | 50-99 | 100-249 |
| 3RS-152 | 1-1000 | 1.20 | .96 | .78 |
| 3RS-153 | 1250-5000 | 1.21 | .97 | .79 |
| 3RS-154 | 6000-10000 | 1.22 | .98 | .795 |
| 3RS-155 | 12000-20000 | 1.28 | 1.02 | .82 |
| 3RS-156 | 25000 | 1.29 | 1.05 | .84 |

TYPE 5AV-50 WATT VARIABLE

Available in all ohmages in chart marked with + Tube size $\frac{3}{4} \times 4$ ". Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | NETS EACH IN LOTS OF | | |
|-----------|-------------|----------------------|-------|---------|
| | | 1-49 | 50-99 | 100-249 |
| 3RS-157 | 5-1000 | 1.31 | 1.06 | .86 |
| 3RS-158 | 1500-5000 | 1.35 | 1.08 | .88 |
| 3RS-159 | 7500-10000 | 1.38 | 1.10 | .90 |
| 3RS-160 | 15000-20000 | 1.41 | 1.13 | .92 |
| 3RS-161 | 25000-40000 | 1.51 | 1.21 | .98 |
| 3RS-162 | 50000 | 1.55 | 1.24 | 1.02 |

TYPE 10AV-100 WATT VARIABLE

Available only in ohmages listed below. Tube size $\frac{3}{4} \times 6\frac{1}{2}$ ". Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | NET EACH IN LOTS OF | | |
|-----------|----------------------|---------------------|-------|---------|
| | | 1-49 | 50-99 | 100-249 |
| 3RS-163 | 50, 100, 500, 1000 | 1.44 | 1.13 | .92 |
| 3RS-164 | 2K, 2500, 3K, 4K, 5K | 1.48 | 1.16 | .95 |
| 3RS-165 | 7500, 10K | 1.56 | 1.23 | .99 |
| 3RS-166 | 15000, 20000 | 1.66 | 1.28 | 1.05 |
| 3RS-167 | 25K, 30K, 35K, 40K | 1.76 | 1.36 | 1.11 |
| 3RS-168 | 50000 | 1.86 | 1.46 | 1.20 |
| 3RS-169 | 75000 | 1.94 | 1.53 | 1.27 |
| 3RS-170 | 100000 | 2.03 | 1.62 | 1.35 |

TYPE 20 AV-200 WATT VARIABLE

Available only in ohmages listed below. Tube size $1\frac{1}{4} \times 10\frac{1}{2}$ ". Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

| Stock No. | Ohms | NET EACH LOTS OF | |
|-----------|--------------------|------------------|-------|
| | | 1-49 | 50-99 |
| 3RS-171 | 50, 100, 500, 1000 | 2.77 | 2.16 |
| 3RS-172 | 1500, 2K, 2500, 5K | 2.79 | 2.18 |
| 3RS-173 | 10000 | 2.82 | 2.20 |
| 3RS-174 | 20000 | 2.85 | 2.23 |
| 3RS-175 | 25K, 30K | 2.96 | 2.32 |
| 3RS-176 | 50000 | 3.31 | 2.73 |
| 3RS-177 | 75000 | 3.41 | 2.84 |
| 3RS-178 | 100000 | 3.52 | 2.95 |

EXTRA MOUNTING FEET

| Stock No. | Type | For Use With | Net Ea. |
|-----------|------|----------------|---------|
| 3RS-179 | 30V | 5 and 10 Watt | .06 |
| 3RS-180 | 31V | 25 and 50 Watt | .07 |
| 3RS-181 | 32V | 200 Watt | .07 |
| 3RS-182 | 33V | 100 Watt | .07 |

EXTRA ADJUSTABLE CLIPS

| Stock No. | Type | For Use With | Net Ea. |
|-----------|------|----------------|---------|
| 3RS-183 | 1V | 10 Watt | .23 |
| 3RS-184 | 3V | 25 and 50 Watt | .23 |
| 3RS-185 | 4V | 100 Watt | .23 |
| 3RS-186 | 6V | 200 Watt | .30 |

CLAROSTAT EXACT REPLACEMENT T.V. CONTROLS

These controls are identical to the originals in every detail. Just remove old control and substitute the Clarostat RTV. To determine the proper replacement look for the mfr's no. on the control. Then check the list below for the mfr's part number and order your control by the stock no. Av. shpg. wt., 6 oz.

| ADMIRAL | | | | GENERAL ELECTRIC | | | | PHILCO | | | |
|----------------------------|----------|-------------|------|-------------------------|----------|------------------|------|--------------------------|----------|------------------|------|
| Stock No. | Mfr. No. | TV Part No. | Net | Stock No. | Mfr. No. | TV Part No. | Net | Stock No. | Mfr. No. | TV Part No. | Net |
| VD-723 | RTV-10 | 75B11-1 | 2.21 | VD-661 | RTV-642 | 390306 | 2.62 | VD-791 | RTV-242 | 33-5563-27 | 2.21 |
| VD-724 | RTV-11 | 75B11-2 | 2.21 | VD-756 | RTV-390 | 390342 | 2.62 | VD-792 | RTV-308 | 33-5563-36 | 3.06 |
| VD-725 | RTV-12 | 75B11-3 | 3.12 | VD-669 | RTV-585 | 390407 | 2.62 | VD-639 | RTV-345 | 33-5563-42 | 2.62 |
| VD-726 | RTV-18 | 75B11-4 | 2.21 | GENERAL ELECTRIC | | | | VD-662 | RTV-360 | 33-5563-43 | 3.06 |
| VD-727 | RTV-43 | 75B11-5 | 2.21 | VD-626 | RTV-230 | K71J71-2 | 3.06 | VD-639 | RTV-345 | 33-5563-44 | 2.62 |
| VD-728 | RTV-44 | 75B11-7 | 2.62 | VD-757 | RTV-230 | K71J565-1 | 2.62 | VD-793 | RTV-358 | 33-5563-50 | 2.21 |
| VD-729 | RTV-21 | 75B11-9 | 2.21 | VD-758 | RTV-398 | K83J941-1 | 3.06 | VD-640 | RTV-359 | 33-5563-51 | 2.62 |
| VD-730 | RTV-29 | 75B11-10 | 2.21 | VD-759 | RTV-431 | K83J941-1 | 3.06 | VD-675 | RTV-680 | 33-5592-39 | 2.62 |
| VD-725 | RTV-42 | 75B11-11 | 3.12 | VD-670 | RTV-655 | K115884-3 | 1.35 | RCA | | | |
| VD-615 | RTV-47 | 75B11-13 | 2.68 | VD-671 | RTV-656 | K115884-4 | 1.38 | VD-612 | RTV-1 | 970111-7 | 3.06 |
| VD-731 | RTV-48 | 75B11-14 | 2.68 | VD-674 | RTV-668 | K117J687 | 1.50 | VD-613 | RTV-6 | 970111-11 | 1.76 |
| VD-624 | RTV-214 | 75B11-16 | 2.68 | VD-649 | RTV-439 | K119J66-1 | 3.06 | VD-795 | RTV-11 | 970913-10 | 3.06 |
| VD-732 | RTV-284 | 75B11-17 | 3.12 | VD-760 | RTV-448 | K119J81-2 | 3.47 | VD-796 | RTV-12 | 970913-11 | 2.21 |
| VD-624 | RTV-214 | 75B11-18 | 2.68 | VD-759 | RTV-431 | K119J87-1 | 3.06 | VD-797 | RTV-110 | 970913-26 | 2.21 |
| VD-733 | RTV-356 | 75B11-20 | 3.06 | VD-761 | RTV-488 | M78J446-3 | 2.62 | VD-798 | RTV-191 | 970913-27 | 2.21 |
| VD-645 | RTV-395 | 75B11-21 | 2.62 | VD-761 | RTV-488 | M78J446-3 | 2.62 | VD-622 | RTV-194 | 970913-30/75513 | 3.06 |
| VD-734 | RTV-512 | 75B11-22 | 3.06 | VD-762 | RTV-489 | M78J447-3 | 3.06 | VD-799 | RTV-501 | 971268-3 | 3.06 |
| VD-735 | RTV-473 | 75B11-24 | 2.62 | VD-763 | RTV-518 | M78J879-2 | 2.62 | VD-621 | RTV-193 | 971312-1/75514 | 3.12 |
| VD-736 | RTV-517 | 75B11-26 | 2.62 | VD-764 | RTV-520 | M163J7-1 | 2.62 | VD-647 | RTV-406 | 971666-9/77655 | 3.12 |
| VD-667 | RTV-552 | 75B11-28 | 2.62 | VD-765 | RTV-522 | M163J8-1 | 2.62 | VD-650 | RTV-443 | 971666-15/78208 | 3.06 |
| VD-737 | RTV-583 | 75B11-29 | 3.06 | VD-766 | RTV-521 | M163J9-1 | 2.62 | VD-658 | RTV-544 | 972445-2/100292 | 3.47 |
| VD-738 | RTV-50 | 75B12-1, 2 | 3.12 | VD-626 | RTV-230 | RRC-131 | 3.06 | SILVERTONE | | | |
| VD-739 | RTV-51 | 75B12-3 | 3.06 | VD-649 | RTV-439 | RRC-233 | 3.06 | VD-800 | RTV-192 | A2499 | 3.06 |
| VD-740 | RTV-34 | 75B12-5 | 3.06 | VD-643 | RTV-377 | RRC-192 | 2.62 | VD-801 | RTV-305 | A24124 | 2.62 |
| VD-741 | RTV-402 | 75B17-1 | 2.62 | HALLICRAFTERS | | | | VD-801 | RTV-305 | PB-24124A | 2.62 |
| VD-742 | RTV-403 | 75B17-2 | 2.21 | VD-628 | RTV-235 | 25B895 | 2.20 | VD-801 | RTV-305 | A24142 | 2.62 |
| VD-743 | RTV-394 | 75B17-3 | 2.21 | VD-767 | RTV-234 | 25B898 | 2.62 | VD-641 | RTV-361 | PB-24142 | 3.06 |
| VD-744 | RTV-471 | 75B17-5 | 2.21 | VD-767 | RTV-234 | 25B997 | 2.62 | VD-663 | RTV-393 | PB-24154 | 2.62 |
| VD-745 | RTV-647 | 75B17-22 | 2.21 | MOTOROLA | | | | VD-802 | RTV-297 | VCA-12127B, C, D | 3.06 |
| VD-746 | RTV-691 | 75B17-35 | 2.21 | VD-768 | RTV-77 | 18A48073 | 2.21 | STROMBERG-CARLSON | | | |
| VD-641 | RTV-361 | PB24142 | 3.06 | VD-769 | RTV-215 | 18K489005 | 3.06 | Stock No. | Mfr. No. | TV Part No. | Net |
| AIR KING | | | | VD-770 | RTV-343 | 18A702444 | 3.47 | VD-665 | RTV-474 | 145164 | 2.62 |
| AIRLINE | | | | VD-638 | RTV-344 | 18K702864 | 3.47 | VD-654 | RTV-462 | 145148 | 2.68 |
| VD-747 | RTV-218 | 10A-18441-1 | 3.17 | VD-771 | RTV-432 | 18B720263 | 3.47 | SYLVANIA | | | |
| ARVIN | | | | VD-772 | RTV-433 | 18K720264 | 3.47 | VD-644 | RTV-388 | 157-0019 | 3.12 |
| VD-623 | RTV-196 | D22464-9 | 2.62 | VD-772 | RTV-433 | 18K722191 | 3.47 | VD-631 | RTV-260 | 37-73153-1-2 | 3.06 |
| BEL-RAY | | | | VD-638 | RTV-344 | 18K730049 | 3.47 | VD-631 | RTV-260 | R73153 | 3.06 |
| VD-655 | RTV-486 | 10A-23714 | 2.62 | VD-664 | RTV-461 | 18B730149 | 3.47 | VD-644 | RTV-388 | 37-73876-3 | 3.12 |
| BENDIX | | | | VD-773 | RTV-459 | 18K730150 | 3.06 | VD-804 | RTV-388 | R73331-2 | 3.12 |
| VD-748 | RTV-156 | 262036-1 | 2.21 | VD-774 | RTV-460 | 18K731031 | 3.47 | TELE-VOGUE | | | |
| CAPEHART-FARNSWORTH | | | | VD-775 | RTV-643 | 18B733221 | 3.06 | VD-635 | RTV-316 | VC-0040-A | 2.62 |
| VD-749 | RTV-368 | 453117C-1 | 2.68 | VD-666 | RTV-498 | 18B733314 | 3.06 | TRAVLER | | | |
| VD-750 | RTV-418 | 453337A-1 | 2.62 | VD-659 | RTV-549 | 18B736125 | 3.06 | VD-805 | RTV-292 | TV-VC-36 | 2.62 |
| VD-751 | RTV-586 | 850366A-10 | 3.06 | VD-776 | RTV-550 | 18B736127 | 2.62 | VD-652 | RTV-454 | TV-VC-43 | 3.47 |
| CBS | | | | VD-619 | RTV-112 | 18A790166 | 3.47 | WELLS-GARONER | | | |
| Stock No. | Mfr. No. | TV Part No. | Net | VD-778 | RTV-79 | 18A790835 | 2.21 | VD-668 | RTV-579 | B78X24A | 3.12 |
| VD-663 | RTV-393 | PB24136B | 2.62 | VD-779 | RTV-115 | 18A790837 | 2.62 | WESTINGHOUSE | | | |
| CROSLLEY | | | | VD-778 | RTV-79 | 18A790838 | 2.21 | VD-806 | RTV-317 | V-9877-1 | 3.06 |
| VD-612 | RTV-1 | 139170 | 3.06 | VD-780 | RTV-216 | 18B790843 | 2.62 | VD-807 | RTV-288 | V-9877-2, 3 | 3.06 |
| VD-629 | RTV-245 | C-149220 | 3.06 | VD-620 | RTV-116 | 18A791705 | 3.47 | VD-808 | RTV-455 | V-9877-7, 8 | 3.06 |
| VD-642 | RTV-370 | C-154085-C | 2.62 | VD-619 | RTV-112 | 18A792009 | 3.47 | VD-806 | RTV-317 | V-9877-10 | 3.06 |
| DUMONT | | | | VD-782 | RTV-171 | 18A792687 | 3.09 | VD-806 | RTV-455 | V-9877M-7 | 3.06 |
| VD-752 | RTV-219 | 01028210 | 3.06 | VD-783 | RTV-172 | 18A792688 | 2.21 | VD-809 | RTV-508 | V-11695-2 | 3.47 |
| EMERSON | | | | VD-784 | RTV-173 | 18A792689 | 2.62 | VD-810 | RTV-511 | V-14391-3 | 2.62 |
| VD-753 | RTV-88 | 390082 | 2.62 | VD-659 | RTV-549 | 18B739822A | 3.06 | VD-811 | RTV-523 | V-14391-4 | 2.68 |
| VD-753 | RTV-88 | 390085 | 2.62 | VD-785 | RTV-626 | 18B742673-C | 2.62 | VD-672 | RTV-665 | 270V002M02 | 2.68 |
| VD-754 | RTV-324 | 390111 | 3.18 | MUNTZ | | | | VD-673 | RTV-665 | 270V051H01 | 1.50 |
| VD-630 | RTV-246 | 390167 | 2.62 | Stock No. | Mfr. No. | TV Part No. | Net | ZENITH | | | |
| VD-633 | RTV-296 | 390184 | 2.62 | VD-786 | RTV-444 | C-8.230-1 | 2.68 | VD-616 | RTV-98 | 63-1670 | 1.32 |
| VD-755 | RTV-378 | 390207 | 2.62 | VD-787 | RTV-315 | VC-0033, B, C, D | 2.62 | BUICK | | | |
| OLYMPIC | | | | VD-788 | RTV-316 | VC-0040, A, B, C | 2.62 | Stock No. | Year | Part No. | Net |
| VD-637 | RTV-319 | PT-2273-B | 2.62 | VD-789 | RTV-408 | VC-0040-1 | 2.62 | VC-822 | 1946-53 | 18B512084 | 2.09 |
| OLYMPIC | | | | VD-790 | RTV-503 | VC-0052 | 2.62 | VC-817 | 1954-56 | 18K33457 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-834 | 1957 | 18B540768 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | CHEVROLET | | | |
| OLYMPIC | | | | OLYMPIC | | | | VC-818 | 1949-50 | 7258084 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-819 | 1950 | 1218641 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-820 | 1951-52 | 1219708 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-821 | 1951-52 | 7261385 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-824 | 1953-54 | 7262941 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-825 | 1953-54 | 7264210 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-817 | 1953-56 | 18K33457 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-826 | 1955 | 7265265 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-827 | 1955-56 | 7265770 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-830 | 1956 | 7266842 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-828 | 1955-57 | 7265302 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-829 | 1955-58 | 7266193 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-831 | 1957 | 7269211 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-832 | 1957 | 7269199 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-833 | 1957 | 7270450 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-835 | 1958 | 7270479 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-836 | 1959 | 7273302 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | VC-840 | 1959 | 7273367 | 2.47 |
| OLYMPIC | | | | OLYMPIC | | | | FORD | | | |
| OLYMPIC | | | | OLYMPIC | | | | Stock No. | Year | Part No. | Net |
| OLYMPIC | | | | OLYMPIC | | | | VC-800 | 1948-50 | L222808 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-801 | 1950 | 18B591266 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-802 | 1951 | L219586-2 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-803 | 1951 | 18B501153 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-804 | 1952-53 | L219586-3 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-805 | 1952-53 | 18K511635 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-806 | 1954 | L219586-7 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-807 | 1954 | 18B530018 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-808 | 1955 | L219565-1 | 1.38 |
| OLYMPIC | | | | OLYMPIC | | | | VC-809 | 1955 | 18B531299 | 1.38 |
| OLYMPIC | | | | OLYMPIC | | | | VC-810 | 1956 | L219681-1 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-811 | 1956 | 18B534483 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-812 | 1957 | 2090035-1 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-813 | 1957 | 18K539059 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-814 | 1957 | 18B539379 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-815 | 1957-58 | 2090035-2 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-816 | 1957-58 | 18B541819 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-841 | 1959 | 18B561597 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | VC-842 | 1959 | 18B561599 | 2.09 |
| OLYMPIC | | | | OLYMPIC | | | | | | | |



OHMITE "AB" MIL-R-94 2 WATT COMPOSITION POTS



Famous "AB" pots now made to meet military MIL-R-94 specifications and 200 hour salt spray corrosion test of military specification QQ-M-151. Two watt, Molded elements, highly reliable, dust-proof, splash-proof, imbedded contacts. All have linear taper. All 10% tolerance except * are 20%. Avg. shpg. wt., 5 oz.

Fig. A. All have linear taper. 1 1/2" diam. with 7/8" slotted shaft 1/4" in dia.

| TYPE CMU - MIL RV4N | | TYPE CLU MIL RV4L | |
|---------------------|--------|-------------------|----------|
| Stock No. | Ohms | Stock No. | Ohms |
| 3VC-569 | 50 | 3VC-585 | 35,000 |
| 3VC-570 | 100 | 3VC-586 | 50,000 |
| 3VC-571 | 150 | 3VC-587 | 75,000 |
| 3VC-572 | 250 | 3VC-588 | 1 Meg. |
| 3VC-573 | 350 | 3VC-589 | 1.5 Meg. |
| 3VC-574 | 500 | 3VC-590 | 2.5 Meg. |
| 3VC-575 | 750 | 3VC-591 | 3.5 Meg. |
| 3VC-576 | 1,000 | 3VC-592 | 5 Meg. |
| 3VC-577 | 1,500 | 3VC-593 | 7.5 Meg. |
| 3VC-578 | 2,500 | 3VC-594 | 10 Meg. |
| 3VC-579 | 3,500 | 3VC-595 | 1.5 Meg. |
| 3VC-580 | 5,000 | 3VC-596 | 2.0 Meg. |
| 3VC-581 | 7,500 | 3VC-597 | 2.5 Meg. |
| 3VC-582 | 10,000 | 3VC-598 | 3.5 Meg. |
| 3VC-583 | 15,000 | 3VC-599 | 5.0 Meg. |
| 3VC-584 | 25,000 | CMU-1531 | |

Net ea., any of above, singly 1.91; Lots of 50 asst., 1.71
Lots of 65 asst. 1.50

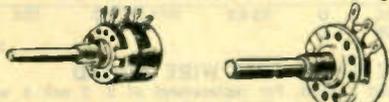
Fig. B Locking type with nut and slotted shaft. 1 1/2" diam.

| TYPE CMU - MIL RV4N | | TYPE CLU MIL RV4L | |
|---------------------|--------|-------------------|--------|
| Stock No. | Ohms | Stock No. | Ohms |
| 3VC-749 | 50 | 3VC-749 | 50 |
| 3VC-739 | 100 | 3VC-740 | 100 |
| 3VC-644 | 150 | 3VC-741 | 150 |
| 3VC-742 | 250 | 3VC-742 | 250 |
| 3VC-649 | 350 | 3VC-743 | 350 |
| 3VC-750 | 500 | 3VC-744 | 500 |
| 3VC-650 | 750 | 3VC-745 | 750 |
| 3VC-740 | 1,000 | 3VC-746 | 1,000 |
| 3VC-651 | 1,500 | 3VC-747 | 1,500 |
| 3VC-745 | 2,500 | 3VC-748 | 2,500 |
| 3VC-652 | 3,500 | 3VC-749 | 3,500 |
| 3VC-751 | 5,000 | 3VC-750 | 5,000 |
| 3VC-653 | 7,500 | 3VC-751 | 7,500 |
| 3VC-741 | 10,000 | 3VC-752 | 10,000 |
| 3VC-654 | 15,000 | 3VC-753 | 15,000 |
| 3VC-746 | 25,000 | 3VC-754 | 25,000 |

Net ea., any of above, singly 2.50
Lots of 35, asst. 2.18 lots of 50, asst. 1.79

3VC-707 type CS-1 SPST Switch for any of above. Net .65

OHMITE "AB" 2 WATT COMP. POTS.



Two watt, Molded elements, highly reliable, dust-proof, splash-proof, imbedded contacts. All have 2" round 1/4" shafts. All 1 1/2" diam. x 1 1/4", except CCU are 3/4" deep. Mount in 3/8" hole on up to 1/4" namels. All 10% tolerance except * are 20%. Avg. shpg. wt., 5 oz.

TYPE CU—LINEAR TAPER

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|---------|-----------|----------|-----------|
| 3VC-728 | CU-5001 | 50 | 3VC-734 | CU-2531 | 25,000 |
| 3VC-723 | CU-1011 | 100 | 3VC-731 | CU-5031 | 50,000 |
| 3VC-722 | CU-2511 | 250 | 3VC-726 | CU-1041 | 100,000 |
| 3VC-729 | CU-5011 | 500 | 3VC-735 | CU-2541 | 250,000 |
| 3VC-724 | CU-1021 | 1000 | 3VC-737 | CU-5041 | 500,000 |
| 3VC-733 | CU-2521 | 2500 | 3VC-727 | CU-1052 | 1 Meg.* |
| 3VC-730 | CU-5021 | 5000 | 3VC-736 | CU-2552 | 2.5 Meg.* |
| 3VC-725 | CU-1031 | 100,000 | 3VC-738 | CU-5052 | 5 Meg.* |

Any of above Net ea. 1.91

CA and CB—LOGARITHMIC TAPERS

Type CA is clockwise; CB is counterclockwise.

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|---------|-----------|----------|-----------|
| 3VC-713 | CB-1031 | 10,000 | 3VC-710 | CA-2541 | 250,000 |
| 3VC-714 | CB-2531 | 25,000 | 3VC-712 | CA-5041 | 500,000 |
| 3VC-715 | CB-5031 | 50,000 | 3VC-709 | CA-1052 | 1 Meg.* |
| 3VC-708 | CA-1041 | 100,000 | 3VC-711 | CA-2552 | 2.5 Meg.* |

Net ea. 2.20

TYPE CCU LINEAR TAPER DUALS

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|---------|-----------|----------|---------|
| 3VC-716 | CCU-1031 | 10,000 | 3VC-720 | CCU-2541 | 250,000 |
| 3VC-719 | CCU-2531 | 25,000 | 3VC-722 | CCU-5041 | 500,000 |
| 3VC-721 | CCU-5031 | 50,000 | 3VC-718 | CCU-1052 | 1 Meg.* |
| 3VC-717 | CCU-1041 | 100,000 | | | |

Net Each 5.73
3VC-707 Type CS-1 SPST SWITCH, for AB POTS Net .65

OHMITE WIREWOUND INDUSTRIAL RHEOSTATS



Wirewound, vitreous enameled rheostats built with metal and ceramic only. For permanently smooth, and close control. Resistance wire is wound over a solid ceramic core, each turn locked by vitreous enamel. Copper graphite control brush, except * silver-graphite contact brush, assures positive contact and constant pressure. All mount on panel up to 1/4" thick. Ratings indicated are at full setting. U.L. approved. Less knob. Av. shpg. wt., 10 oz.

MODEL E-12 1/2-WATT

3/4" dia. 1 1/2" Depth behind Panel.

| Stock No. | Mfg. No. | Ohms | Net | Stock No. | Mfg. No. | Ohms | Net |
|-----------|----------|------|------|-----------|----------|------|------|
| 3VC-755 | 0101* | 1 | 4.54 | 3VC-767 | 0113 | 125 | 4.03 |
| 3VC-756 | 0102* | 2 | 4.54 | 3VC-768 | 0114 | 175 | 4.03 |
| 3VC-757 | 0103 | 3 | 4.54 | 3VC-769 | 0115 | 250 | 4.03 |
| 3VC-758 | 0104 | 6 | 4.54 | 3VC-770 | 0116 | 350 | 4.03 |
| 3VC-759 | 0105 | 8 | 4.54 | 3VC-771 | 0117 | 500 | 4.03 |
| 3VC-760 | 0106 | 10 | 4.54 | 3VC-772 | 0118 | 750 | 4.03 |
| 3VC-761 | 0107 | 15 | 4.03 | 3VC-773 | 0119 | 1000 | 4.54 |
| 3VC-762 | 0108 | 25 | 4.03 | 3VC-774 | 0120 | 1500 | 4.54 |
| 3VC-763 | 0109 | 35 | 4.03 | 3VC-775 | 0121 | 2500 | 4.54 |
| 3VC-764 | 0110 | 50 | 4.03 | 3VC-776 | 0122 | 3500 | 4.80 |
| 3VC-765 | 0111 | 75 | 4.03 | 3VC-777 | 0123 | 5000 | 4.80 |
| 3VC-766 | 0112 | 100 | 4.03 | | | | |

3VC-778 5151 Knob for above Net ea. .28

MODEL H-25 WATT

1 1/2" Dia. 1 3/8" Depth behind Panel.

| Stock No. | Mfg. No. | Ohms | Net | Stock No. | Mfg. No. | Ohms | Net |
|-----------|----------|------|------|-----------|----------|------|------|
| 3VC-600 | 0140* | 1 | 4.54 | 3VC-612 | 0152 | 125 | 4.03 |
| 3VC-601 | 0141* | 2 | 4.54 | 3VC-613 | 0153 | 175 | 4.03 |
| 3VC-602 | 0142* | 3 | 4.54 | 3VC-614 | 0154 | 250 | 4.03 |
| 3VC-603 | 0143* | 6 | 4.54 | 3VC-615 | 0155 | 350 | 4.03 |
| 3VC-604 | 0144* | 8 | 4.54 | 3VC-616 | 0156 | 500 | 4.03 |
| 3VC-605 | 0145* | 10 | 4.54 | 3VC-617 | 0157 | 750 | 4.03 |
| 3VC-606 | 0146 | 15 | 4.03 | 3VC-618 | 0158 | 1000 | 4.54 |
| 3VC-607 | 0147 | 25 | 4.03 | 3VC-619 | 0159 | 1500 | 4.54 |
| 3VC-608 | 0148 | 35 | 4.03 | 3VC-620 | 0160 | 2500 | 4.54 |
| 3VC-609 | 0149 | 50 | 4.03 | 3VC-621 | 0161 | 3500 | 4.80 |
| 3VC-610 | 0150 | 75 | 4.03 | 3VC-622 | 0162 | 5000 | 4.80 |
| 3VC-611 | 0151 | 100 | 4.03 | | | | |

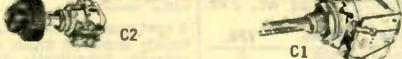
3VC-779 5150 Knob for above Net ea. .28

CLAROSTAT SERIES 58 3 WATT CONTROLS

Linear, wire, wound, highly stable, smooth operation. Shaft 1 1/2" long, 3/8" bushing, 1/4" diam. wt., 4 oz.

| Stock No. | Type | Ohms | Net | Stock No. | Type | Ohms | Net |
|-----------|--------|------|-----|-----------|---------|------|------|
| VD-350 | 58-1 | 2 | .91 | VD-366 | 58-400 | 400 | .91 |
| VD-351 | 58-2 | 2 | .91 | VD-367 | 58-500 | 500 | .91 |
| VD-352 | 58-4 | 4 | .91 | VD-368 | 58-750 | 750 | .91 |
| VD-353 | 58-6 | 6 | .91 | VD-369 | 58-1000 | 1K | .91 |
| VD-354 | 58-10 | 10 | .91 | VD-370 | 58-1500 | 1.5K | .91 |
| VD-355 | 58-15 | 15 | .91 | VD-371 | 58-2000 | 2K | .91 |
| VD-356 | 58-20 | 20 | .91 | VD-372 | 58-3000 | 3K | .91 |
| VD-357 | 58-25 | 25 | .91 | VD-373 | 58-5000 | 5K | .91 |
| VD-358 | 58-30 | 30 | .91 | VD-374 | 58-7500 | 7.5K | .91 |
| VD-359 | 58-40 | 40 | .91 | VD-375 | 58-100K | 10K | .91 |
| VD-360 | 58-50 | 50 | .91 | VD-376 | 58-15K | 15K | 1.18 |
| VD-361 | 58-60 | 60 | .91 | VD-377 | 58-20K | 20K | 1.18 |
| VD-362 | 58-75 | 75 | .91 | VD-378 | 58-25K | 25K | 1.18 |
| VD-363 | 58-100 | 100 | .91 | VD-379 | 58-30K | 30K | 1.59 |
| VD-364 | 58-200 | 200 | .91 | VD-380 | 58-40K | 40K | 1.59 |
| VD-365 | 58-300 | 300 | .91 | VD-381 | 58-50K | 50K | 1.59 |

CRL COMPENTROLS



TYPE C1-A Continuously compensated volume control that automatically maintains depth and brilliance even at whisper level. Shaft length 3", width 1/4". Shpg. wt., 5 oz.

| Stock No. | Mfg. No. | Description | Net Ea. |
|-----------|----------|----------------------|---------|
| VD-225 | C1-60 | 1/2 meg, plain | 2.35 |
| VD-226 | C1-60-S | 1/2 meg, with switch | 2.76 |
| VD-227 | C1-70 | 1 meg, plain | 2.35 |
| VD-228 | C1-70-S | 1 meg, with switch | 2.76 |

TYPE C2-100—A compact dual concentric unit that permits any degree of compensation for low volume listening. Separate controls for volume and degree of compensation. Use in hi-fi, radio, TV, etc. Universal (replaces 100K to 1 meg) control. Supplied with dual knob. Shpg. wt., 6 oz.

VD-229 C2-100 Senior Centropol Net 3.24

OHMITE TYPE "AS" MINIATURE MOLDED COMPOSITION POTENTIOMETER



* Meet MIL-R-94A Specs for Type RV6L Pots

Exceptionally reliable. Lightweight and compact. Only 3/8" long, 1/2" dia. Molded composition resistance and collector tracks bridged by a molded composition brush. Terminals molded directly into the control element. Unit is dust-tight, splash-proof and fungus resistant. Gold-plated terminals. Rated 0.5 watt continuous, 350V. Screwdriver slotted, shaft-locking type. Temp. range, -55 to 120°C. All linear taper type. Meet QQ-M-151, MIL-R-94A and Ela requirements. All tolerances ± 10% except * 20%. Shpg. wt., 2 oz.

| Stock No. | Type | Ohms | Stock No. | Type | Ohms |
|-----------|------|-------|-----------|-------|----------|
| 3VC-687 | 3601 | 100 | 3VC-695 | 3609 | 50000 |
| 3VC-688 | 3602 | 250 | 3VC-696 | 3610 | 1 meg. |
| 3VC-689 | 3603 | 500 | 3VC-697 | 3611 | .25 meg. |
| 3VC-690 | 3604 | 1000 | 3VC-698 | 3612 | .50 meg. |
| 3VC-691 | 3605 | 2500 | 3VC-699 | 3613* | 1.0 meg. |
| 3VC-692 | 3606 | 5000 | 3VC-702 | 3684* | 2.0 meg. |
| 3VC-693 | 3607 | 10000 | 3VC-700 | 3614* | 2.5 meg. |
| 3VC-694 | 3608 | 25000 | 3VC-701 | 3615* | 5.0 meg. |

Net Each Singly 5.00
Lots of 25 asst. ea. 4.50
Lots of 50 asst. ea. 4.25

MALLORY T and L PAD ATTENUATORS



For Level Control of low impedance audio circuits. Rated at 15 watts peak audio, 4 watts D.C. Accessories furnished: one bar knob, one Dial Plate, with matched rotation, one nut, one lock washer, 2" grooved shaft, Bushing 3/8 dia. x 3/8" long. Shpg. wt., 7 oz.

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|------|-----------|----------|------|
| VC-143 | L2 | 2 | VC-151 | L250 | 250 |
| VC-144 | L4 | 4 | VC-152 | L500 | 500 |
| VC-145 | L6 | 6 | VC-153 | L600 | 600 |
| VC-146 | L8 | 8 | VC-154 | L1000 | 1K |
| VC-147 | L15 | 15 | VC-155 | L2000 | 2K |
| VC-148 | L50 | 50 | VC-156 | L3000 | 3K |
| VC-149 | L100 | 100 | VC-157 | L4000 | 4K |
| VC-150 | L200 | 200 | | | |

Net Each 2.68

LA PADS

Same as above but with a 1" Bushing, 2 nuts, 2 lock washers, 1 1/2 x 1 1/2" dial plate. Shpg. wt., 8 oz.

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|------|-----------|----------|------|
| VC-158 | L8A | 8 | VC-159 | L16A | 16 |

Net Each 2.79

DUAL L PADS

Ganged pads for stereo use. Same specifications as single L pads bushing 3/8 x 3/4". Shpg. wt., 1 lb.

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|------|-----------|----------|------|
| VC-163 | LL8 | 8 | VC-164 | LL-16 | 16 |
| | | | VC-165 | LL50 | 50 |

Net Each 5.85

T PADS

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|------|-----------|----------|------|
| VC-171 | T2 | 2 | VC-178 | T200 | 200 |
| VC-172 | T4 | 4 | VC-179 | T250 | 250 |
| VC-173 | T6 | 6 | VC-180 | T500 | 500 |
| VC-174 | T8 | 8 | VC-181 | T600 | 600 |
| VC-175 | T-15 | 15 | VC-182 | T1000 | 1K |
| VC-176 | T50 | 50 | VC-183 | T2000 | 2K |
| VC-177 | T-100 | 100 | VC-184 | T3000 | 3K |

Net Each 3.03

MINIATURE 5 WATT WIRE WOUND

Wire wound control rated at 5 watts. Break down voltage 900VAC RMS. Linear taper ± 10% tol. Dim. 3/4" dia. x 7/8" depth 1/4" shaft dia. Bushing dia. 3/8" with 32 x 3/8" thread. Shpg. wt., 1 1/2 oz.

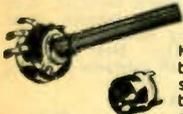
| Stock No. | Mfg. No. | Ohms | Net | Stock No. | Mfg. No. | Ohms | Net |
|-----------|----------|------|------|-----------|----------|------|------|
| VC-160 | VW-1 | 1 | 1.35 | VC-210 | VW-300 | 300 | 1.35 |
| VC-161 | VW-2 | 2 | 1.35 | VC-211 | VW-400 | 400 | 1.35 |
| VC-162 | VW-3 | 3 | 1.35 | VC-212 | VW-500 | 500 | 1.35 |
| VC-166 | | | | | | | |

CTS - IRC CONTROLS

EXPLANATION OF IRC TAPERS

A. Linear, C. Logarithmic, audio or antenna shunt. D. Tapered both ends, grid bias and antenna. H. Tapped log.; automatic bass compensation. L. Left hand taper for focus control. P. Semi-log. reverse taper for picture control. Q. Same as P but steeper curve. R. Right hand taper for contrast and picture control. S. Special taper—based on specific application. U. Standard linear taper.

IRC Q CONTROLS WITH UNIVERSAL SHAFTS



Knurled, flattened and slotted, 3" shaft. 1/8" dia., 1/4" long bushing. Has removable shaft, interchangeable with special shafts listed of this page. *Includes 270 ohm, 1/2-watt fixed bias resistor. Less switch. See taper explanation above Av. shpg. wt., 4 oz.

| Stock No. | IRC Type | OHMS | Taper | Stock No. | IRC Type | OHMS | Taper |
|-----------|----------|------|-------|-----------|----------|---------|-------|
| VC-961 | Q11-201 | 250 | A | VC-971 | Q13-128 | 100K | C |
| VC-931 | Q11-103 | 500 | A | VC-962 | Q11-228 | 125K | A |
| VC-932 | Q11-105 | 750 | A | VC-964 | Q11-328 | 150K | A |
| VC-987 | Q17-105 | 750 | P | VC-979 | Q13-328 | 150K | C |
| VC-933 | Q11-108 | 1000 | A | VC-947 | Q11-129 | 200K | A |
| VC-988 | Q17-108 | 1000 | Q | VC-948 | Q11-130 | 250K | A |
| VC-934 | Q11-109 | 1500 | A | VC-972 | Q13-130 | 250K | C |
| VC-989 | Q17-109 | 1500 | Q | VC-949 | Q11-131 | 300K | A |
| VC-935 | Q11-110 | 2000 | A | VC-950 | Q11-132 | 350K | A |
| VC-990 | Q17-110 | 2000 | Q | VC-973 | Q13-132 | 350K | C |
| VC-966 | Q13-111 | 2500 | C | VC-951 | Q11-133 | 500K | A |
| VC-991 | Q17-111 | 2500 | Q | VC-974 | Q13-133 | 500K | C |
| VC-936 | Q11-112 | 3000 | A | VC-983 | Q14-133 | 500K | D |
| VC-992 | Q17-112 | 3000 | Q | VC-995 | Q17-133 | 500K | Q |
| VC-937 | Q11-114 | 5000 | A | VC-952 | Q11-134 | 600K | A |
| VC-987 | Q13-114 | 5000 | C | VC-953 | Q11-136 | 750K | A |
| VC-993 | Q17-114 | 5000 | Q | VC-954 | Q11-137 | 1 meg | A |
| VC-938 | Q11-115 | 7500 | A | VC-975 | Q13-137 | 1 meg | C |
| VC-939 | Q11-116* | 10K | A | VC-984 | Q14-137 | 1 meg | D |
| VC-968 | Q13-116 | 10K | C | VC-996 | Q17-137 | 1 meg | Q |
| VC-980 | Q14-116* | 10K | D | VC-955 | Q11-138 | 1.5 meg | A |
| VC-994 | Q17-116 | 10K | Q | VC-956 | Q11-139 | 2 meg. | A |
| VC-940 | Q11-119 | 20K | A | VC-976 | Q13-139 | 2 meg | C |
| VC-986 | Q16-119* | 20K | S | VC-997 | Q17-139 | 2 meg | Q |
| VC-941 | Q11-120 | 25K | A | VC-963 | Q11-239 | 2.5 meg | A |
| VC-969 | Q13-120 | 25K | C | VC-957 | Q11-140 | 3 meg | A |
| VC-981 | Q14-120* | 25K | D | VC-977 | Q13-140 | 3 meg | C |
| VC-942 | Q11-121 | 30K | A | VC-998 | Q17-140 | 3 meg | Q |
| VC-943 | Q11-122 | 35K | A | VC-958 | Q11-141 | 5 meg | A |
| VC-944 | Q11-123 | 50K | A | VC-965 | Q12-141 | 5 meg | S |
| VC-970 | Q13-123 | 50K | C | VC-978 | Q13-141 | 5 meg | C |
| VC-982 | Q14-123* | 50K | D | VC-999 | Q17-141 | 5 meg | Q |
| VC-945 | Q11-125 | 75K | A | VC-959 | Q11-142 | 7.5 meg | A |
| VC-946 | Q11-128 | 100K | A | VC-960 | Q11-143 | 10 meg | A |
| NET EACH | | | | | | | 1.00 |

TAPPED Q CONTROLS

All values are in megohms except with * which are in ohms.

| Stock No. | IRC Type | Megs | Taps Ω | TPR. | Stock No. | IRC Type | Megs | Taps Ω | TPR. |
|-----------|-----------|------|-----------|------|-----------|-----------|------|-------------|------|
| VD-153 | Q17-105X | 750* | 250 | S | VD-159 | Q17-137X | 1.0 | 35K | S |
| VD-154 | Q17-110X | 2K* | 250/500 | S | VD-148 | Q13-137X | 1.0 | 250K | H |
| VD-144 | Q13-118X | 15K* | 10K | S | VD-160 | Q17-137X | 1.0 | 50K/100K | S |
| VD-145 | Q13-118X | 15K* | 5K/10K | S | VD-168 | Q18-137X | 1.0 | 100K | S |
| VD-155 | Q17-118X | 15K* | 5K | S | VD-169 | Q18-137X | 1.0 | 250K/.5 meg | S |
| VD-156 | Q17-118X | 15K* | 5K/10K | S | VD-174 | Q19-137X | 1.0 | .5 meg | S |
| VD-162 | Q17-328XX | .15 | 19K/38K | S | VD-176 | QVC-539X | 1.0 | .5 meg | S |
| VD-163 | Q18-130X | .25 | 60K | H | VD-149 | Q13-138X | 1.5 | .25 meg | S |
| VD-146 | Q13-130X | .25 | 125K | S | VD-175 | Q19-139X | 2.0 | 50K | S |
| VD-164 | Q18-130XX | .25 | 60K/120K | S | VD-161 | Q17-139X | 2.0 | 150K | S |
| VD-157 | Q17-132X | .35 | 35K | S | VD-171 | Q18-139XX | 2.0 | 250K/.5 meg | S |
| VD-165 | Q18-132X | .35 | 75K | H | VD-151 | Q13-139XX | 2.0 | .5/1 meg | S |
| VD-158 | Q17-133X | .5 | 25K | S | VD-150 | Q13-139X | 2.0 | .5 meg | H |
| VD-166 | Q18-133X | .5 | 50K | S | VD-170 | Q18-139X | 2.0 | 1 meg | S |
| VD-147 | Q13-133X | .5 | 125K | H | VD-152 | Q13-140X | 3.0 | 900K | S |
| VD-173 | Q19-133X | .5 | 250K | S | VD-172 | Q18-140X | 3.0 | 1.5 meg | S |
| VD-167 | Q18-133XX | .5 | 100K/200K | S | | | | | |
| NET EACH | | | | | | | | | 1.41 |

TYPE M ADD-ON MULTI-SECTIONS

Easily attached to Q controls to form ganged multi-section controls Shpg. wt., 2 oz.

| Stock No. | IRC Type | OHMS | TPR. | Stock No. | IRC Type | OHMS | TPR. |
|-----------|----------|------|------|-----------|----------|---------|------|
| VD-118 | M11-103 | 500 | A | VD-135 | M13-130 | 250K | C |
| VD-119 | M11-108 | 1K | A | VD-129 | M11-133 | 500K | A |
| VD-120 | M11-110 | 2K | A | VD-136 | M13-133 | 500K | C |
| VD-121 | M11-112 | 3K | A | VD-130 | M11-137 | 1 meg | A |
| VD-122 | M11-114 | 5K | A | VD-137 | M13-137 | 1 meg | C |
| VD-123 | M11-116 | 7.5K | A | VD-138 | M13-138 | 1.5 meg | C |
| VD-141 | M17-116 | 10K | Q | VD-131 | M11-139 | 2 meg | A |
| VD-124 | M11-120 | 25K | A | VD-139 | M13-139 | 2 meg | C |
| VD-125 | M11-121 | 30K | A | VD-140 | M13-140 | 3 meg | C |
| VD-126 | M11-123 | 50K | C | VD-142 | M17-140 | 3 meg | Q |
| VD-127 | M11-128 | 100K | A | VD-132 | M11-141 | 5 meg | A |
| VD-134 | M13-128 | 100K | C | VD-133 | M11-143 | 10 meg | A |
| VD-128 | M11-130 | 250K | A | | | | |
| NET EACH | | | | | | | 1.32 |

Q CONTROL SWITCHES

Quickly attached. U.L. Approved. Shpg. wt., 2 oz.

| | | |
|-----------------|---------|---------|
| VD-10 Type 76-1 | — SPST. | Net .59 |
| VD-11 Type 76-2 | — DPST. | Net .59 |
| VD-14 Type 76-4 | — SPDT. | Net .73 |

4 WATT WIRE WOUND TYPE WPK



Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1 1/4" dia., 3/8" deep behind mounting face. 3" long Knob Master Shaft. Shpg. wt., 4 oz.

| Stock No. | Type | Ohms | Tpr. | Stock No. | Type | Ohms | Tpr. |
|-----------|----------|------|------|-----------|-----------|------|------|
| VD-23 | WPK-10 | 10 | U | VD-40 | WPK-1350R | 1350 | R |
| VD-24 | WPK-20 | 20 | U | VD-41 | WPK-1500 | 1500 | U |
| VD-25 | WPK-30 | 30 | U | VD-42 | WPK-1500L | 1500 | L |
| VD-26 | WPK-50 | 50 | U | VD-43 | WPK-2000 | 2000 | U |
| VD-27 | WPK-100 | 100 | U | VD-44 | WPK-2000L | 2000 | L |
| VD-28 | WPK-200 | 200 | U | VD-45 | WPK-2250L | 2250 | L |
| VD-29 | WPK-250 | 250 | U | VD-46 | WPK-2500 | 2500 | U |
| VD-30 | WPK-300 | 300 | U | VD-47 | WPK-2500R | 2500 | R |
| VD-31 | WPK-400 | 400 | U | VD-48 | WPK-3000 | 3000 | U |
| VD-32 | WPK-500 | 500 | U | VD-49 | WPK-4000L | 4000 | L |
| VD-33 | WPK-600 | 600 | U | VD-50 | WPK-5000 | 5000 | U |
| VD-34 | WPK-650 | 650 | U | VD-54 | WPK-5000L | 5000 | L |
| VD-35 | WPK-750 | 750 | U | VD-55 | WPK-6000 | 6000 | U |
| VD-36 | WPK-750L | 750 | L | VD-81 | WPK-6000L | 6000 | L |
| VD-37 | WPK-750R | 750 | R | VD-82 | WPK-7500 | 7500 | U |
| VD-38 | WPK-1000 | 1000 | U | VD-53 | WPK-7500L | 7500 | L |
| VD-39 | WPK-1350 | 1350 | U | VD-56 | WPK-10000 | 10K | U |
| NET EACH | | | | | | | 1.29 |

| Stock No. | Type | Ohms | Tpr. | Stock No. | Type | Ohms | Tpr. |
|-----------|------------|-------|------|-----------|------------|------|------|
| VD-57 | WPK-12500 | 12.5K | U | VD-59 | WPK-20000 | 20K | U |
| VD-58 | WPK-15000 | 15K | U | VD-60 | WPK-25000 | 25K | U |
| NET EACH | | | | | | | 1.56 |
| VD-61 | WPK-30,000 | 30K | U | VD-63 | WPK-50,000 | 50K | U |
| VD-62 | WPK-40,000 | 40K | U | | | | 1.79 |
| NET EACH | | | | | | | |

TYPE WPS 4 WATT WIRE WOUND



Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1 1/4" dia., 3/8" deep behind mounting face. 3 1/4" long shaft, slotted and knurled. All types have linear taper except those marked * which have left hand taper for focus control.

| Stock No. | IRC Type | Ohms | Tap | Stock No. | IRC Type | Ohms | Tap |
|----------------|-------------|------|------|-----------|-----------------|------|-----------|
| VD-70 | WPS-10X5 | 10 | 5 | VD-83 | WPS-200X100 | 200 | 100 |
| VD-71 | WPS-15X7.5 | 15 | 7.5 | VD-84 | WPS-250 | 250 | — |
| VD-72 | WPS-20X10 | 20 | 10 | VD-85 | WPS-500 | 500 | — |
| VD-69 | WPS-25 | 25 | — | VD-86* | WPS-500L | 500 | — |
| VD-73 | WPS-25X12.5 | 25 | 12.5 | VD-87 | WPS-1000 | 1000 | — |
| VD-74 | WPS-30X15 | 30 | 15 | VD-88 | WPS-1500 | 1500 | — |
| VD-75 | WPS-40 | 40 | — | VD-89 | WPS-2000 | 2000 | — |
| VD-76 | WPS-40X20 | 40 | 20 | VD-90 | WPS-2250 | 2250 | — |
| VD-77 | WPS-50X25 | 50 | 25 | VD-91* | WPS-2250L | 2250 | — |
| VD-78 | WPS-60 | 60 | — | VD-92 | WPS-2500 | 2500 | — |
| VD-79 | WPS-80X40 | 80 | 40 | VD-93 | WPS-3000 | 3000 | — |
| VD-80 | WPS-100X50 | 100 | 50 | VD-94 | WPS-4000 | 4000 | — |
| VD-81 | WPS-140X70 | 140 | 70 | VD-95* | WPS-4000L | 4000 | — |
| VD-82 | WPS-150X75 | 150 | 75 | VD-96 | WPS-5000 | 5000 | — |
| Plain Controls | | | | each 1.29 | Tapped Controls | | each 1.68 |

SWITCHES FOR IRC "W" CONTROLS

Net .74 VD-13 76-12 DPST Net .74

WM MULTISECTION CONTROLS

4 watt "add-on" control sections for use with types WPK or WPS controls. Addition of WM section converts either of the above types to dual section control units. Size 3/8" deep + pot. dimensions. Shpg. wt., 2 oz.

| Stock No. | IRC Type | Ohms | Stock No. | IRC Type | Ohms |
|------------------|----------|------|-----------|----------|----------|
| VD-102 | WM- 50 | 50 | VD-109 | WM-2000 | 2000 |
| VD-103 | WM- 100 | 100 | VD-110 | WM-2500 | 2500 |
| VD-104 | WM- 200 | 200 | VD-111 | WM-3000 | 3000 |
| VD-105 | WM- 250 | 250 | VD-112 | WM-5000 | 5000 |
| VD-106 | WM- 500 | 500 | VD-114 | WM-10000 | 10000 |
| VD-107 | WM-1000 | 1000 | | | |
| VD-108 | WM-1500 | 1500 | | | |
| Any of the above | | | | | Net 1.29 |

Any of the above

TYPE LC-2 LOUDNESS CONTROL



TYPE QJ-3 TV ATTENUATOR



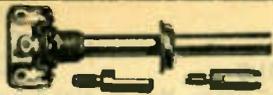
A continuously compensated control that boosts lows and highs as volume is decreased. Specifically designed for the audio frequency spectrum. Maintains depth and brilliance even at whisper levels. Complete with instructions. Types 76-1, 76-2, or 76-4 switches may be added to this control. Shpg. wt., 4 oz. VD-16 Net 5.47

A ready adjustment of signal input to television sets. In most installations, it corrects or substantially reduces such conditions as: adjacent channel interference; background picture on weaker stations; poor definition. In service work it can be used to duplicate fringe area signals. Shpg. wt., 4 oz. Net 2.99

SPECIAL Q CONTROL SHAFTS

| Stock No. | Type | Description | Net | Stock No. | Type | Description | Net |
|-----------|------|---------------------------|-----|-----------|------|--------------------------|-----|
| VC-914 | AQ | Master Shaft, 3" Long | .44 | VC-923 | NQ | 3/10" Universal Shaft | .56 |
| VC-915 | AQ5 | Master Shaft, 5" Long | .65 | VC-924 | PQ | 3/4" full round shaft | .56 |
| VC-916 | BQ | Slotted Remote Auto Cntl. | .82 | VC-925 | RQ | 1/2" slotted S.D. Shaft | .56 |
| VC-917 | GQ | Slotted Philco Shaft | .50 | VC-926 | SQ | 3/4" slotted S.D. Shaft | .41 |
| VC-918 | HQ | RCA Shaft | .65 | VC-927 | TQ | Insulated Shaft | .56 |
| VC-919 | JQ | 1/2" Shaft for Zenith | .65 | VC-928 | UQ | Same BQ, but with clutch | .82 |
| VC-920 | KQ | Motorola Shaft | .56 | VC-929 | VQ | Magnavox Shaft | .65 |
| VC-921 | LQ | Belmont and M.W. Shaft | .82 | VC-930 | WQ | Zenith Shaft | .65 |
| VC-922 | MQ | Belmont and M.W. Shaft | .82 | | | | |

MALLORY CONTROLS



MALLORY MIDGETROL

A high quality round shaft carbon control only 15/16" in dia. to service radio sets, amplifiers and TV. Shaft can be easily cut to any required length, and is readily adaptable to any type knob. Supplied with two steel shaft and knob adaptors for knurled and push-on-knobs, one Palmot and instruction sheet. Shpg. wt., 3 oz.

| Stock No. | Mfg. No. | Ohms | Tpr. | Stock No. | Mfg. No. | Ohms | Tpr. |
|-----------|----------|------|------|-----------|----------|----------|------|
| VC-413 | U-1 | 100 | 4 | VC-439 | U-36 | 75K | 1 |
| VC-414 | U-2 | 500 | 4 | VC-440 | U-39 | 100K | 1 |
| VC-467 | U-751R | 750 | 2 | VC-441 | U-40 | 100K | 2 |
| VC-415 | U-3 | 1K | 2 | VC-442 | U-41 | 100K | 4 |
| VC-416 | U-4 | 1K | 4 | VC-445 | U-415 | 125K | 4 |
| VC-417 | U-5 | 1500 | 2 | VC-443 | U-42 | 150K | 1 |
| VC-418 | U-5L | 1500 | 4 | VC-444 | U-43 | 300K | 1 |
| VC-419 | U-6 | 2K | 4 | VC-445 | U-44 | 250K | 4 |
| VC-420 | U-7 | 2500 | 2 | VC-446 | U-45 | 250K | 2 |
| VC-421 | U-8 | 3K | 4 | VC-447 | U-46 | 250K | 4 |
| VC-422 | U-9 | 3K | 2 | VC-448 | U-48 | 500K | 1 |
| VC-423 | U-12 | 5K | 1 | VC-449 | U-50 | 500K | 4 |
| VC-424 | U-14 | 5K | 4 | VC-450 | U-51 | 750K | 1 |
| VC-425 | U-18 | 10K | 1 | VC-451 | U-52 | 1 Meg. | 2 |
| VC-426 | U-19 | 10K | 2 | VC-452 | U-52R | 500 | 2 |
| VC-427 | U-20 | 10K | 4 | VC-453 | U-53 | 1 Meg. | 4 |
| VC-428 | U-21 | 15K | 1 | VC-454 | U-54 | 1 Meg. | 4 |
| VC-429 | U-22 | 15K | 2 | VC-463 | U-155 | 1.5 Meg. | 4 |
| VC-430 | U-24 | 20K | 1 | VC-455 | U-55 | 2 Meg. | 1 |
| VC-431 | U-26 | 20K | 4 | VC-456 | U-56 | 2 Meg. | 4 |
| VC-432 | U-28 | 25K | 2 | VC-464 | U-255 | 2.5 Meg. | 4 |
| VC-433 | U-28A | 25K | 1 | VC-457 | U-57 | 3 Meg. | 4 |
| VC-434 | U-29 | 25K | 4 | VC-458 | U-59 | 3 Meg. | 4 |
| VC-435 | U-30 | 30K | 4 | VC-459 | U-63 | 5 Meg. | 2 |
| VC-436 | U-33 | 50K | 1 | VC-460 | U-65 | 5 Meg. | 1 |
| VC-437 | U-34 | 50K | 2 | VC-461 | U-67 | 5 Meg. | 4 |
| VC-438 | U-35 | 50K | 4 | VC-462 | U-82 | 10 Meg. | 4 |

Any Type Above, Each .91

| Stock No. | Mfg. No. | Ohms | Tpr. | Stock No. | Mfg. No. | Ohms | Tpr. |
|-----------|----------|--------|------|-----------|----------|----------|------|
| VC-439 | U-36 | 75K | 1 | VC-453 | U-53 | 1 Meg. | 4 |
| VC-440 | U-39 | 100K | 1 | VC-454 | U-54 | 1 Meg. | 4 |
| VC-441 | U-40 | 100K | 2 | VC-463 | U-155 | 1.5 Meg. | 4 |
| VC-442 | U-41 | 100K | 4 | VC-455 | U-55 | 2 Meg. | 1 |
| VC-445 | U-415 | 125K | 4 | VC-456 | U-56 | 2 Meg. | 4 |
| VC-443 | U-42 | 150K | 1 | VC-464 | U-255 | 2.5 Meg. | 4 |
| VC-444 | U-43 | 300K | 1 | VC-457 | U-57 | 3 Meg. | 4 |
| VC-445 | U-44 | 250K | 4 | VC-458 | U-59 | 3 Meg. | 4 |
| VC-446 | U-45 | 250K | 2 | VC-459 | U-63 | 5 Meg. | 2 |
| VC-447 | U-46 | 250K | 4 | VC-460 | U-65 | 5 Meg. | 1 |
| VC-448 | U-48 | 500K | 1 | VC-461 | U-67 | 5 Meg. | 4 |
| VC-449 | U-50 | 500K | 4 | VC-462 | U-82 | 10 Meg. | 4 |
| VC-450 | U-51 | 750K | 1 | | | | |
| VC-451 | U-52 | 1 Meg. | 2 | | | | |
| VC-452 | U-52R | 500 | 2 | | | | |

Any Type Above, Each .91

MIDGETROL ACCESSORIES

- DS-36 Special 3" Extension Shaft. For tubular shaft Midgetrols and 2-watt wire-wound controls. Also couples front and rear sections together for single-shaft dual control. Shpg. wt., 2 oz. Net .32
- VC-380 (DS-36)
- DS-37 3/4" diameter shaft. For use with round-shaft Midgetrols to accommodate knobs requiring 3/8" shaft. Shpg. wt., 2 oz. Net .32
- VC-381 (DS-37)
- EB-158 Special Bushing. 3/8" -28 thread, 1 1/4" long with 3/8" milled double flat. Shpg. wt., 2 oz. Net .50
- VC-382 (EB-158)
- EB-214 Special Bushing 1/2" -28 thread, 2 3/4" long with .403 milled double flat. Shpg. wt., 2 oz. Net .53
- VC-383 (EB-214)

VOLUME CONTROL ACCESSORIES

- A, B, C, D, E, F
- VC-345 EB-247 A Extends control body 3/8" from surface .41
- VC-344 178 D Wrench for 1/2 - 3/8" V.C. hex nuts .50
- VC-349 RS242 E Ext. shaft 4x1/4x1/2" flat .56
- VC-350 RS243 E Ext. shaft 4x1/4x3/8" flat .36
- VC-351 RS244 E Ext. shaft 4x1/4x1/4" flat .56
- VC-352 RS245 E Ext. shaft 2x1/4" with 3/32" slot .79
- VC-346 EC240 B Couples 1/4" shaft to 1/4" 3/8" shafts .59
- VC-353 UB241 C Bushing for panel mounting .09
- VC-348 RB249 F Mtg. Bkt. 2 1/2" Mtg. centers .24
- VC-347 RB248 F Mtg. Bkt. 1 3/4" Mtg. centers .24

THEATRE SPEAKER CONTROLS

Designed for use with Motograph Simplex, International and other outdoor theater motion picture equipment. Corrosion-resistant finish assures long, noise-free life. Shaft 1 1/4" dia. 3/8" - 32 thread. Shpg. wt., 4 oz.

| Stock No. | Mfg. No. | Ohms | Net |
|-----------|----------|-------------|------|
| VC-364 | TSA-10 | 4-ohm-L Pad | 1.44 |
| VC-365 | TSA-35 | 35 | 1.06 |
| VC-366 | TSA-6 | 6 | 1.06 |

SINGLE TAPPED MIDGETROLS

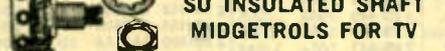
| Stock No. | Mfg. No. | Ohms | Tap At | Stock No. | Mfg. No. | Ohms | Tap At |
|-----------|----------|------|--------|-----------|----------|---------|--------|
| VC-494 | UT-153 | 15K | 10K | VC-502 | UT-438 | 1 Meg. | 300K |
| VC-512 | UT-415 | 30K | 25K | VC-504 | UT-443 | 1 Meg. | 450K |
| VC-495 | UT-420 | 250K | 50K | VC-507 | UT-450 | 2 Meg. | 125K |
| VC-496 | UT-421 | 250K | 150K | VC-505 | UT-448 | 2 Meg. | 250K |
| VC-497 | UT-425 | 350K | 70K | VC-509 | UT-454 | 2 Meg. | 400K |
| VC-498 | UT-429 | 500K | 50K | VC-506 | UT-449 | 2 Meg. | 600K |
| VC-499 | UT-427 | 500K | 100K | VC-508 | UT-451 | 2 Meg. | 900K |
| VC-500 | UT-430 | 500K | 150K | VC-510 | UT-457 | 3 Meg. | 900K |
| VC-501 | UT-431 | 500K | 225K | VC-511 | UT-461 | 3.25 M. | 300K |
| VC-503 | UT-440 | 1 M. | 200K | | | | |

Any Type above, Each 1.32

DOUBLE TAPPED MIDGETROLS

| Stock No. | Mfg. No. | Overall-Resistances | Tap Resistances Tap 1 | Tap Resistances Tap 2 |
|-----------|----------|---------------------|-----------------------|-----------------------|
| VC-477 | UDT-283 | 500K | 100K | 200K |
| VC-483 | UDT-289 | 1 Meg. | 250K | 500K |
| VC-478 | UDT-291 | 1.5 Meg. | 225K | 500K |
| VC-479 | UDT-295 | 2.25 Meg. | 250K | 500K |
| VC-480 | UDT-296 | 2.25 Meg. | 500K | 1 Meg. |
| VC-482 | UDT-303 | 3.3 Meg. | 300K | 1.5 Meg. |

Any Type Above, Each 1.32



SU INSULATED SHAFT MIDGETROLS FOR TV

3/8" dia. carbon controls with 1/4" dia. fixed knurled and slotted phenolic shafts. Shaft protrudes 1/4" beyond bushing. Linear taper. With hex nut. Shpg. wt., 3 oz.

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|------|-----------|----------|----------|
| VC-389 | SU-6 | 1500 | VC-396 | SU-46 | 250K |
| VC-390 | SU-8 | 3K | VC-397 | SU-50 | 500K |
| VC-391 | SU-14 | 10K | VC-398 | SU-54 | 1 Meg. |
| VC-392 | SU-20 | 5K | VC-399 | SU-56 | 2 Meg. |
| VC-393 | SU-29 | 25K | VC-402 | SU-565 | 2.5 Meg. |
| VC-394 | SU-35 | 50K | VC-400 | SU-59 | 3 Meg. |
| VC-395 | SU-41 | 100K | VC-401 | SU-67 | 5 Meg. |
| | | | VC-403 | SU-69 | 7.5 Meg. |

Any Type Above, Each .91

ATTACHABLE MIDGETROL SWITCHES

Easily and quickly attached to any midgetrol types U, UT and UDT without disassembling control. *—With Dummy Terminal. Wt., 2 oz.

| Stock No. | Mfg. No. | Description | Each |
|-----------|----------|-------------|------|
| VC-522 | US-26 | S.P. S.T. | .41 |
| VC-523 | US-26T | S.P. S.T.* | .53 |
| VC-524 | US-27 | D.P. S.T. | .41 |
| VC-525 | US-28 | S.P. D.T. | .99 |



TYPE PP PUSH-PULL CONTROLS

Carbon element controls with a Push-Pull type SPST switch permanently attached. Shpg. wt., 4 oz.

| Stock No. | Mfg. No. | Ohms | Tapped @ | Taper | Net |
|-----------|-------------|---------|---------------|-------|------|
| VC-296 | PP-13R | 1K | | 1 | 1.32 |
| VC-276 | PP-15A | 100K | | 1 | 1.32 |
| VC-277 | PP-16A | 1 Meg | | 1 | 1.32 |
| VC-278 | PP-16L | 1 Meg | | 4 | 1.32 |
| VC-297 | PP-16T15 | 1 Meg | 100K | 1 | 1.32 |
| VC-298 | PP-16T25 | 1 Meg | 200K | 1 | 1.73 |
| VC-279 | PP-16T55 | 1 Meg | 500K | 2 | 1.73 |
| VC-292 | PP-16DT55 | 1 Meg | 250K-500K | 4 | 1.73 |
| VC-299 | PP-25L | 200K | | 4 | 1.32 |
| VC-280 | PP-25A4 | 250K | | 1 | 1.32 |
| VC-281 | PP-25ADT154 | 250K | 100K-150K | 4 | 1.73 |
| VC-282 | PP-26A | 2 Meg | | 1 | 1.32 |
| VC-290 | PP-26T16 | 2 Meg | 1 Meg | 4 | 1.73 |
| VC-291 | PP-26DT16 | 2 Meg | 500K-1 Meg. | 1 | 1.73 |
| VC-294 | PP-36DT26 | 3 Meg | 1 Meg - 2 Meg | 4 | 1.73 |
| VC-283 | PP-55T25 | 500K | 200K | 4 | 1.73 |
| VC-284 | PP-46T26 | 4 Meg | 2 Meg | 4 | 1.73 |
| VC-285 | PP-55A | 500K | | 1 | 1.32 |
| VC-286 | PP-55DT1683 | 500K | 84K-168K | 4 | 1.73 |
| VC-287 | PP-55L | 500K | | 4 | 1.32 |
| VC-288 | PP-55T254 | 500K | 250K | 1 | 1.73 |
| VC-295 | PP-56L | 5 Meg | | 4 | 1.32 |
| VC-293 | PP-155I | 1.5 Meg | | 4 | 1.32 |

TV FOCUS CONTROLS

1 1/4" dia. 4 watt, wire-wound taper, 2" round shaft with slot. Shaft length, 2". Shpg. wt., 4 oz.

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|------|-----------|----------|------|
| VC-372 | TVF 140 | 1500 | VC-373 | TVF 143 | 2500 |

Net Each 1.32

EXPLANATION OF MALLORY TAPERS

Taper No. 1—For audio or antenna shunt circuits
Taper No. 2—For series circuits or cathode voltage controls.
Taper No. 4—Linear taper for voltage divider circuits

SENSITIVITY CONTROLS

Replaces hum, balance, linearity, agc, hold controls, etc. Contact arm grounded to cup small wire wound, rated at 2 watts. Slot is provided for screw driver adjustment. *Stops at 100 ohms. All are rheostats except † are potentiometers, ** has polyethylene knob. Shpg. wt., 6 oz

FLANGE MOUNTING RHEOSTATS AND POTENTIOMETERS

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|----------|------|-----------|----------|------|
| VC-108 | FL-6 | 6 | VC-117 | FL-500 | 500 |
| VC-106 | FL-15 | 15 | VC-118 | FL-600 | 600 |
| VC-107 | FL-40P† | 40 | VC-119 | FL-600S* | 600 |
| VC-110 | FL-75 | 75 | VC-120 | FL-750 | 750 |
| VC-121 | FL-100 | 100 | VC-100 | FL-1K | 1K |
| VC-111 | FL-100P† | 100 | VC-101 | FL-2K | 2K |
| VC-112 | FL-150 | 150 | VC-102 | FL-2KS* | 2K |
| VC-113 | FL-200 | 200 | VC-103 | FL-3K | 3K |
| VC-114 | FL-200P† | 200 | VC-104 | FL-4K | 4K |
| VC-115 | FL-250 | 250 | VC-105 | FL-5K | 5K |
| VC-116 | FL-250P† | 250 | | | |

Any type Above, Each .41

PRINTED CIRCUIT RHEOSTATS

| Stock No. | Mfg. No. | Ohms | Stock No. | Mfg. No. | Ohms |
|-----------|------------|------|-----------|----------|------|
| VC-129 | PFL-1.5 | 1.5 | VC-137 | PFL-1K | 1000 |
| VC-130 | PFL-15 | 15 | VC-133 | PFL-1.5K | 1500 |
| VC-138 | PFL-60A** | 60 | VC-134 | PFL-3K | 3000 |
| VC-131 | PFL-100 | 100 | VC-135 | PFL-4K | 4000 |
| VC-139 | PFL-100A** | 100 | VC-136 | PFL-5K | 5000 |
| VC-132 | PFL-600 | 600 | | | |

Any type Above, Each .59

CARBON TRANSISTOR CONTROLS

Linear taper (4) rated 1/4 Watt. Audio taper (1) rated 1/2 Watt. Diam. 1/2" Universal 1/8" steel shaft 1 1/4" long with 1/4" -32 bushing and screw-driver slot except * has 3/8" long nylon shaft. Shpg. wt., 4 oz.

| Stock No. | Mfg. No. | Ohms | Tpr. | Stock No. | Mfg. No. | Ohms | Tpr. |
|-----------|----------|------|------|-----------|----------|-------|------|
| VC-530 | MLC13L | 1K | 4 | VC-536 | MLC15A | 100K | 1 |
| VC-531 | MLC252A | 2500 | 1 | VC-551 | MLC15L | 100K | 4 |
| VC-532 | MLC53A | 5K | 1 | VC-537 | MLC256 | 200K | 4 |
| VC-533 | MLC53L | 5K | 4 | VC-538 | MLC254L | 250K | 4 |
| VC-534 | MLC14L | 10K | 4 | VC-539 | MLCN55L* | 500K | 4 |
| VC-535 | MLC54L | 50K | 4 | VC-540 | MLCN16A* | 1 Meg | 1 |
| | | | | VC-541 | MLCN16L* | 1 Meg | 4 |

Any type above Each 1.32

SWITCH TYPES

Same as above but with an S. P. S. T. Switch rated at 2 Amp. 125 VAC.

| Stock No. | Mfg. No. | Ohms | Tpr. | Stock No. | Mfg. No. | Ohms | Tpr. |
|-----------|-----------|------|------|-----------|----------|-------|------|
| VC-542 | MLC222L-S | 2200 | 4 | VC-547 | MLC55A-S | 500K | 1 |
| VC-543 | MLC252A-S | 2500 | 1 | VC-548 | MLC55L-S | 500K | 4 |
| VC-544 | MLC53A-S | 5K | 1 | VC-549 | MLC16A-S | 1 Meg | 1 |
| VC-545 | MLC53L-S | 5K | 4 | VC-550 | MLC16L-S | | |

CLAROSTAT MILITARY AND INDUSTRIAL CONTROLS



CLAROSTAT RV-4

2 WATT CONTROLS

With 1/2" Long Shaft With Standard Bushing

Variable composition controls. Meet MIL-R94B government specifications: Rated 2 watts at 70°C. All are linear taper. Tolerance $\pm 10\%$ except * are $\pm 20\%$. Max. ambient operating temperature 120°C; humidity test of 100% meg min. insulation resistance and max. change of $\pm 10\%$ in resistance value. Body size max. 1 1/4" diam. 3/8" depth. All shafts are slotted 1/4" diam. See listing for varying lengths and bushings. Shaft length figured from mtg. surface. Shpg. wt., 4 oz.

| Stock No. | RV-4 NAY- SK- Dhms | Stock No. | RV-4 NAYSK- Dhms |
|-----------|--------------------|-----------|------------------|
| 3VD-420 | 101A 100 | 3VD-427 | 253A 25K |
| 3VD-421 | 251A 250 | 3VD-428 | 503A 50K |
| 3VD-422 | 501A 500 | 3VD-429 | 104A 100K |
| 3VD-423 | 102A 1K | 3VD-430 | 254A 250K |
| 3VD-424 | 252A 2500 | 3VD-431 | 504A 500K |
| 3VD-425 | 502A 5K | 3VD-432 | 105A 1 meg |
| 3VD-426 | 103A 10K | 3VD-433* | 255B 2.5 meg |
| | | 3VD-434* | 505B 5 meg |

ANY OF ABOVE IN LOTS OF

| | |
|---------|-----------|
| 1-24 | 2.94 each |
| 25-34 | 2.63 each |
| 35-49 | 2.10 each |
| 50-64 | 1.71 each |
| 65-99 | 1.50 each |
| 100-249 | 1.25 each |

With 1/2" Long Shaft With Standard Bushing

| Stock No. | RV-4 NAY- Dhms | Stock No. | RV-4 NAY- Dhms |
|-----------|----------------|-----------|----------------|
| 3VD-390 | SB101A 100 | 3VD-405 | SD101A 100 |
| 3VD-391 | SB251A 250 | 3VD-406 | SD251A 250 |
| 3VD-392 | SB501A 500 | 3VD-407 | SD501A 500 |
| 3VD-393 | SB102A 1K | 3VD-408 | SD102A 1K |
| 3VD-394 | SB252A 2500 | 3VD-409 | SD252A 2500 |
| 3VD-395 | SB502A 5K | 3VD-410 | SD502A 5K |
| 3VD-396 | SB103A 10K | 3VD-411 | SD103A 10K |
| 3VD-397 | SB253A 25K | 3VD-412 | SD253A 25K |
| 3VD-398 | SB503A 50K | 3VD-413 | SD503A 50K |
| 3VD-399 | SB104A 100K | 3VD-414 | SD104A 100K |
| 3VD-400 | SB254A 2500K | 3VD-415 | SD254A 2500K |
| 3VD-401 | SB504A 5000K | 3VD-416 | SD504A 5000K |
| 3VD-402 | SB105A 1M | 3VD-417 | SD105A 1M |
| 3VD-403* | SB255B 2.5M | 3VD-418* | SD255B 2.5M |
| 3VD-404* | SB505B 5M | 3VD-419* | SD505B 5M |

ANY OF ABOVE IN LOTS OF

| | |
|---------|-----------|
| 1-24 | 2.94 each |
| 25-34 | 2.71 each |
| 35-49 | 2.18 each |
| 50-64 | 1.79 each |
| 65-99 | 1.58 each |
| 100-249 | 1.33 each |

TYPE RA-20LASB LOCKING CONTROLS

With 1/2" Long Shaft With Locking Bushing

| Stock No. | RA-20 LA- SB- Dhms | Stock No. | RA-20 LASB- Dhms |
|-----------|--------------------|-----------|------------------|
| 3VD-558 | 3ROA 3 | 3VD-568 | 101A 100 |
| 3VD-559 | 6ROA 6 | 3VD-569 | 151A 150 |
| 3VD-560 | 8ROA 8 | 3VD-570 | 201A 200 |
| 3VD-561 | 100A 10 | 3VD-571 | 251A 250 |
| 3VD-562 | 150A 15 | 3VD-572 | 351A 350 |
| 3VD-563 | 200A 20 | 3VD-573 | 501A 500 |
| 3VD-564 | 250A 25 | 3VD-574 | 751A 750 |
| 3VD-565 | 350A 35 | 3VD-575 | 102A 1K |
| 3VD-566 | 500A 50 | 3VD-576 | 152A 1500 |
| 3VD-567 | 750A 75 | 3VD-577 | 202A 2K |

ANY OF ABOVE IN LOTS OF

| | |
|---------|-----------|
| 1-24 | 2.94 each |
| 25-34 | 2.62 each |
| 35-49 | 2.09 each |
| 50-64 | 1.70 each |
| 65-99 | 1.49 each |
| 100-249 | 1.24 each |



CLAROSTAT RA-20

AND RA-30 CONTROLS

RA-20

Variable wire wound controls. Meet MIL-R19A government specifications. Type RA-20 rated 2 Watts, RA-30 4 watts at 40°C. All linear taper. Tolerance $\pm 10\%$. Body size RA-20 1 1/2" diam. x 3/8" depth, RA-30 1 3/4" x 1/2". All shafts are slotted 1/4" diam. See listing for various lengths and bushings. Shaft length figured from mounting surface. Shpg. wt., 4 oz.

TYPE RA-20 2 WATT CONTROLS

With 1/2" Long Shaft With Standard Bushing

| Stock No. | RA-20 NA- Dhms | Stock No. | RA-20 NA- Dhms |
|-----------|----------------|-----------|----------------|
| 3VD-450 | SA3ROA 3 | 3VD-477 | SD3ROA 3 |
| 3VD-451 | SA6ROA 6 | 3VD-478 | SD6ROA 6 |
| 3VD-452 | SA8ROA 8 | 3VD-479 | SD8ROA 8 |
| 3VD-453 | SA100A 10 | 3VD-480 | SD100A 10 |
| 3VD-454 | SA150A 15 | 3VD-481 | SD150A 15 |
| 3VD-455 | SA200A 20 | 3VD-482 | SD200A 20 |
| 3VD-456 | SA250A 25 | 3VD-483 | SD250A 25 |
| 3VD-457 | SA350A 35 | 3VD-484 | SD350A 35 |
| 3VD-458 | SA500A 50 | 3VD-485 | SD500A 50 |
| 3VD-459 | SA750A 75 | 3VD-486 | SD750A 75 |
| 3VD-460 | SA101A 100 | 3VD-487 | SD101A 100 |
| 3VD-461 | SA151A 150 | 3VD-488 | SD151A 150 |
| 3VD-462 | SA201A 200 | 3VD-489 | SD201A 200 |
| 3VD-463 | SA251A 250 | 3VD-490 | SD251A 250 |
| 3VD-464 | SA351A 350 | 3VD-491 | SD351A 350 |
| 3VD-465 | SA501A 500 | 3VD-492 | SD501A 500 |
| 3VD-466 | SA751A 750 | 3VD-493 | SD751A 750 |
| 3VD-467 | SA102A 1K | 3VD-494 | SD102A 1K |
| 3VD-468 | SA152A 1500 | 3VD-495 | SD152A 1500 |
| 3VD-469 | SA202A 2K | 3VD-496 | SD202A 2K |
| 3VD-470 | SA252A 2500 | 3VD-497 | SD252A 2500 |
| 3VD-471 | SA352A 3K | 3VD-498 | SD352A 3K |
| 3VD-472 | SA502A 5K | 3VD-499 | SD502A 5K |
| 3VD-473 | SA752A 7500 | 3VD-500 | SD752A 7500 |
| 3VD-474 | SA103A 10K | 3VD-501 | SD103A 10K |
| 3VD-475 | SA153A 15K | 3VD-502 | SD153A 15K |

TYPE RA-30 4 WATT CONTROLS

With 1/2" Long Shaft With Standard Bushing

| Stock No. | RA-30 NA- Dhms | Stock No. | RA-30 NA- Dhms |
|-----------|----------------|-----------|----------------|
| 3VD-502 | SA3ROA 3 | 3VD-530 | SD3ROA 3 |
| 3VD-503 | SA6ROA 6 | 3VD-531 | SD6ROA 6 |
| 3VD-504 | SA8ROA 8 | 3VD-532 | SD8ROA 8 |
| 3VD-505 | SA100A 10 | 3VD-533 | SD100A 10 |
| 3VD-506 | SA150A 15 | 3VD-534 | SD150A 15 |
| 3VD-507 | SA200A 20 | 3VD-535 | SD200A 20 |
| 3VD-508 | SA250A 25 | 3VD-536 | SD250A 25 |
| 3VD-509 | SA350A 35 | 3VD-537 | SD350A 35 |
| 3VD-510 | SA500A 50 | 3VD-538 | SD500A 50 |
| 3VD-511 | SA750A 75 | 3VD-539 | SD750A 75 |
| 3VD-512 | SA101A 100 | 3VD-540 | SD101A 100 |
| 3VD-513 | SA151A 150 | 3VD-541 | SD151A 150 |
| 3VD-514 | SA201A 200 | 3VD-542 | SD201A 200 |
| 3VD-515 | SA251A 250 | 3VD-543 | SD251A 250 |
| 3VD-516 | SA351A 350 | 3VD-544 | SD351A 350 |
| 3VD-517 | SA501A 500 | 3VD-545 | SD501A 500 |
| 3VD-518 | SA751A 750 | 3VD-546 | SD751A 750 |
| 3VD-519 | SA102A 1K | 3VD-547 | SD102A 1K |
| 3VD-520 | SA152A 1500 | 3VD-548 | SD152A 1500 |
| 3VD-521 | SA202A 2K | 3VD-549 | SD202A 2K |
| 3VD-522 | SA252A 2500 | 3VD-550 | SD252A 2500 |
| 3VD-523 | SA352A 3500 | 3VD-551 | SD352A 3500 |
| 3VD-524 | SA502A 5K | 3VD-552 | SD502A 5K |
| 3VD-525 | SA752A 7500 | 3VD-553 | SD752A 7500 |
| 3VD-526 | SA103A 10K | 3VD-554 | SD103A 10K |
| 3VD-527 | SA153A 15K | 3VD-555 | SD153A 15K |
| 3VD-528 | SA203A 20K | 3VD-556 | SD203A 20K |
| 3VD-529 | SA253A 25K | 3VD-557 | SD253A 25K |

ANY OF THE ABOVE IN LOTS OF

| | |
|---------|-----------|
| 1-24 | 2.94 each |
| 25-34 | 2.72 each |
| 35-49 | 2.19 each |
| 50-64 | 1.80 each |
| 65-99 | 1.59 each |
| 100-249 | 1.34 each |

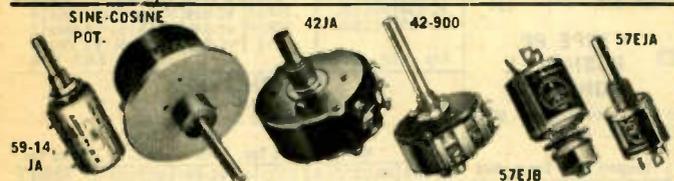
TYPE RA-30LASB LOCKING CONTROLS

With 1/2" Long Shaft With Locking Bushing

| Stock No. | RA-30 LASB- Dhms | Stock No. | RA-30 LASB- Dhms |
|-----------|------------------|-----------|------------------|
| 3VD-584 | 3ROA 3 | 3VD-595 | 151A 150 |
| 3VD-585 | 6ROA 6 | 3VD-596 | 201A 200 |
| 3VD-586 | 8ROA 8 | 3VD-597 | 251A 250 |
| 3VD-587 | 100A 10 | 3VD-598 | 351A 350 |
| 3VD-588 | 150A 15 | 3VD-599 | 501A 500 |
| 3VD-589 | 200A 20 | 3VD-600 | 751A 750 |
| 3VD-590 | 250A 25 | 3VD-601 | 102A 1K |
| 3VD-591 | 350A 35 | 3VD-602 | 152A 1500 |
| 3VD-592 | 500A 50 | 3VD-603 | 202A 2K |
| 3VD-593 | 750A 75 | 3VD-604 | 252A 2500 |
| 3VD-594 | 101A 100 | 3VD-605 | 352A 3500 |

ANY OF ABOVE IN LOTS OF

| | |
|---------|-----------|
| 1-24 | 2.94 each |
| 25-34 | 2.80 each |
| 35-49 | 2.27 each |
| 50-64 | 1.88 each |
| 65-99 | 1.67 each |
| 100-249 | 1.42 each |



10 TURN TIGHT TOLERANCE POTENTIOMETERS

Series 59-14 JA. Multi-turn potentiometer. Fits all standard multi-turn read out indicators. Res. tol. $\pm 5\%$ linear output, dissipation 4.5 watts at 40°C, Dielectric strength 1000 VAC effective electrical rotation 3600° (tenturns) Max. speed of rotation 60 RPM. 3/4" long shaft x 2.498 dia. Bushing 3/8" x 1/2" long, body dia .875" x 1.5" long overall length 2 3/4". Shpg. wt. 1 1/2 oz.

| Stock No. | Ohms | 1-9 Ea. | 10-24 Ea. | 25-99 Ea. | 100-199 Ea. | 200-499 Ea. |
|-----------|------|---------|-----------|-----------|-------------|-------------|
| 3VD-676 | 500 | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |
| 3VD-677 | 1K | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |
| 3VD-678 | 5K | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |
| 3VD-679 | 10K | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |
| 3VD-680 | 20K | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |
| 3VD-681 | 30K | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |
| 3VD-682 | 50K | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |
| 3VD-683 | 100K | 10.75 | 10.21 | 9.68 | 9.14 | 8.60 |

SINE-COSINE POTENTIOMETER

Single-turn potentiometer used in radar, computer and servomechanisms or any application requiring two output voltages accurately proportioned to the sine and cosine rotation angle. Resistance 16K ohms $\pm 10\%$. RATED 2.46 watts at 40°C. 360° continuous rotation. Resolution 0.14% of max. peak to peak volt. Max. shaft speed 30RPM. Body 2 3/8" dia x 1 3/4" long. Shaft 1 1/4" long x 2.498" dia. Shpg. wt. 8 oz.

| | | | | | |
|-----------|---------|-------------|-----------|-------------|-------|
| 3VD-684 | 1-9 ea. | 45.00 | 10-24 ea. | 42.75 | |
| 25-99 ea. | 40.50 | 100-199 ea. | 38.25 | 200-499 ea. | 36.00 |

SINGLE TURN POTENTIOMETER

SERIES 42 JA Extra-dependable potentiometer. Rated 3 watts at 40°C. $\pm 5\%$ tolerance linear output, Electrical rotation 330° $\pm 5\%$, mechanical rotation 360° continuous. Speed of rotation 90 RPM. Body is 1 3/4" dia x 1 1/4" long with 3/8" bushing, shaft is 1/2" long x .249" dia. Shpg. wt. 4 oz.

| Stock No. | Ohms | 1-9 Ea. | 10-24 Ea. | 25-99 Ea. | 100-199 Ea. | 200-499 Ea. |
|-----------|------|---------|-----------|-----------|-------------|-------------|
| 3VD-685 | 50 | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-686 | 100 | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-687 | 500 | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-688 | 1K | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-689 | 2500 | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-690 | 5K | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-691 | 10K | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-692 | 20K | 8.00 | 7.60 | 7.20 | 6.80 | 6.40 |
| 3VD-693 | 50K | 9.00 | 8.55 | 8.10 | 7.65 | 7.20 |
| 3VD-694 | 100K | 9.00 | 8.55 | 8.10 | 7.65 | 7.20 |

1/2" SINGLE TURN POTENTIOMETERS

Rated 2 watts at 70°C. Glass sealed terminals. 57EJA series have 1/2" long slotted shaft. 57EJB has locking bushing mtg. with 1/4" slotted shaft. Res. tol. $\pm 5\%$ Indp. Lin. $\pm 2\%$ Dielectric strength 1000 VAC, Electrical and Mechanical rotation 320° $\pm 5\%$ centerless ground, stainless steel shaft. Corrosion Resistance housing per QQ-M-151 Body dia. 1/2" Shpg. wt., 1 1/2 oz.

1 TURN TAPPED POTENTIOMETER

Series 42-900. Extra tap affords greater electrical versatility. Shaft extension through rear permits addition of switching or other functions. Dissipation 3 watts at 40°C linear voltage. Speed of rotation 90RPM. Body is 1 3/4" dia. x 1 1/4" long with 3/8" bushing. Shaft 1 1/2" long x .25 dia. Shpg. wt. 4 oz.

| Stock No. | Ohms | 1-9 Ea. | 10-24 Ea. | 25-99 Ea. | 100-199 Ea. | 200-499 Ea. |
|-----------|------|---------|-----------|-----------|-------------|-------------|
| 3VD-695 | 50 | 14.00 | 13.30 | 12.60 | 11.90 | 11.20 |
| 3VD-696 | 100 | 14.00 | 13.30 | 12.60 | 11.90 | 11.20 |
| 3VD-697 | 500 | 14.00 | 13.30 | 12.60 | 11.90 | 11.20 |
| 3VD-698 | 1K | 14.00 | 13.30 | 12.60 | 11.90 | 11.20 |
| 3VD-699 | 2500 | 14.00 | 13.30 | | | |

BATTERY CHARGERS AND ACCESSORIES

2-IN-1 BATTERY CHARGER



UL Approved

End dead battery trouble in your car, boat, truck or tractor. This powerhouse battery charger keeps all 6 and 12 volt batteries fully charged for peak performance even at 40° below freezing. Full 1 amp. "safe" charge rate prevents flacking and plate buckling—same method used by storage battery dealers. Easy to use—plug the line cord into any 110V outlet, connect the two terminals and forget it. Can't overcharge—automatically tapers off. Welded constructed steel. Shpg. wt., 3½ lbs.

CV-56

Net 4.25

PROFESSIONAL 3-AMP. BATTERY CHARGER



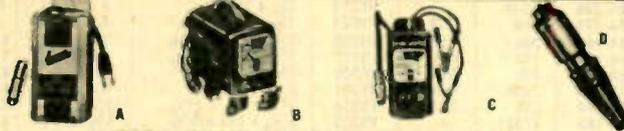
UL Approved

For Both
6 and
12 Volts

A professional type 6 - 12 volt battery charger with automatic reset circuit breaker. Indicator light flashes on when circuit breaker trips. Front panel switch for change-over from 6 to 12 volts. Delivers a tapering charge starting at 3 amps for 6 or 12 volts. Noiseless, aircooled construction. Oversized components and vented case for troublefree operation. Runs cool even under constant use. 6 ft. charging cables with heavy duty, 25 amp battery clips. Measures 4x6x3¼". For 105-125 volt, 50-60 cycle A.C. Shpg. wt., 5 lbs.

CV-51

Net 8.95



TERADO 5-AMP HI-POWER CHARGER (A)

A five ampere taper charger, to charge 6-12 volt batteries overnight. Full wave circuit contains 2 silicon rectifiers. Includes charge indicator light, 8' AC cord. No installation—plugs into cigarette lighter socket. Size: 2¼x2½x4½". Shpg. wt., 3 lbs.

CV-21 Model 50180

Net 13.69

TERADO 10-AMP SUPER CHARGER (B)

A ten ampere taper charger, for 6 or 12 volt batteries. Charges 12 volt battery in 5 hours. Full wave silicon rectifier circuit. Includes charge indicator meter, 8' heavy duty AC cord, overload circuit breaker. Connects directly to battery, or plugs into cigarette lighter socket. Size: 3x5x6". Shpg. wt., 7½ lbs.

CV-22 Model 50181

Net 25.45

TERADO 10-AMP HI-WAY CHARGER (C)

CHARGE YOUR BOAT BATTERY WHILE ENROUTE

Now, while you are taking your boat to the lake or river, you can be charging the boat battery. 30 ft. extension cord for use from trailer to car battery; simply plugs into cigarette lighter. Operates from any 12 volt American car battery and charges any 6 or 12 volt battery without removal from boat. Charge rate up to 10 amperes. Has large dial indicator. Size: 5½x3x2¼". Shpg. wt., 3 lbs.

CV-27 Model 50193

Net 12.32

SCHAUER MODEL A-8410 CHARGER PLUG FOR CAR (D)

Permits charger to be plugged into convenient cigarette lighter receptacle. A real convenience.

MS-707 Model A-8410 For 6v cars Shpg. wt., 8 oz.

Net 1.15

MS-708 Model A-8412 For 12v cars Shpg. wt., 8 oz.

Net 1.15

WILLARO RECHARGEABLE BATTERIES

Type 25-2. Rated at 2 volts for 21 ampere-hours. Original equipment in G.E. models 250 and 260. Size: 2½x2½x6". Shpg. wt., 3½ lbs.

BA-450

Net 9.25

Type ER6-2B Photo-Flash Battery. Rated at 2 volts for 6 amp. hours. Up to 250 flashes per charge. Size: 1¼x2¼x4¼". Shpg. wt., 1½ lbs.

BA-451

Net 6.39



BATTERY BOOSTER CABLES



Standard equipment for starting stalled cars, charging batteries, etc. Made with heavy duty, flexible rubber-covered cable. Rugged copper-clad positive action grips identified by Black and Red heavy vinyl covered handles. Shpg. wt., 3 lbs.

MS-766 8 ft. long, set of 2 Net 1.49

MS-767 12 ft. long, set of 2 Net 2.25

MS-491 12 ft. long, 6 gauge copper cable Net 3.15

MS-492 Battery Booster Clip only (specify Red or Black) Net .49

SHURITE BATTERY TESTER



Pocket tester with bright plated case, metal dial, and prods. Sturdily built. Test batteries without load. Ideal for testing batteries used in transistor circuits, model railroads, hearing aids, portable radios, etc. Shpg. wt., 8 oz.

HEARING AID BATTERY TESTER

Ideal for checking 1.5, 15, 22.5, 30, 33, and 45 volt batteries.

MT-446

Net 3.77



BATTERY HOLDER

Ultra-compact bakelite battery case. Holds 8 - 1½ volt "Z" penlite cells for supplying 12 volts. 2½" holes, 1½" on centers for mounting. Size: 2½ x 2½ x 1¼". Imported MS-902 Shpg. wt., 3 oz. Net .99

SCHAUER BATTERY CHARGER

This is one of Schauer's smaller but highly efficient units that will recharge most batteries overnight. Definitely not a midget type, but built with quality components for dependable performance. The 4 amp. charge rate tapers to approximately 2 amps as battery becomes fully charged. Size 4¼x4¼x6¼". Shpg. wt., 4 lbs.

MS-701 For 6V batteries

Net 7.15

MODEL K412, 12V ECONOMY CHARGER

A small, efficient, low priced unit for charging 12V batteries at a 3 amp. rate. Built according to Schauer's high standard of quality of components and engineering. Size: 4¼x4¼x6¼". Shpg. wt., 4½ lbs.

MS-702 For 12V batteries

Net 6.69

A5612 4-AMP 6 AND 12 VOLT CHARGER

Charges both 6 and 12 volt batteries, recharging average battery overnight. 4-amp. charging rate tapers to 2 amps. Has automatic circuit breaker, accurate ammeter and selector switch for 6 or 12 volts. Size: 4¼x4¼x6¼". Shpg. wt., 5 lbs.

MS-910

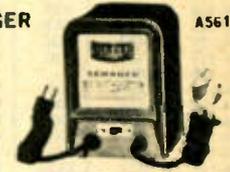
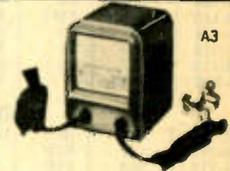
Net 10.63

6-AMP OVERNIGHT CHARGERS

Will charge the average run-down battery in 7-9 hours. Delivers 6 amps to charge battery. Has ammeter to indicate exact rate of charge. Size 6¼x6¼x7¼". Shpg. wt., 8 lbs.

MS-703 Model B412 for 12V batteries Net 10.88

MS-911 Model B4612. Charges either 6 or 12 volt batteries Net 12.98



MODEL C4612, 10-AMP HEAVY DUTY CHARGER

This model will recharge 6 and 12 volt batteries in 6 hours or less. Ideal for heavy-duty batteries on trucks, tractors, etc. Charging rate tapers to a safe finishing charge. Has meter. Size 6¼x6¼x7¼". Shpg. wt., 10 lbs.

MS-928 Model C4612 For 6 and 12 volt batteries

Net 15.84

TRANSISTOR BATTERY HOLDERS



These Battery Holders were especially designed for use in transistor and sub-miniature electronic gear, are made of Aluminum Alloy, sturdy construction with insulated, nickel plated Brass eyelets. All multiple holders mount batteries side by side except items marked * mount end to end. Av. shpg. wt., 3 ozs.

| Stock No. | Holds | Burgess | Eveready | RCA | Mallory | Net Ea. |
|-----------|-------|------------|--------------------------------------|-------|-------------------------------------|---------------------------------|
| MS-137 | 1 | | | | | .20 |
| MS-138 | 2 | | | | | .34 |
| MS-169 | 3 | 7 | 912 | VS074 | | .44 |
| MS-170 | 4 | | | | | .57 |
| MS-139 | 1 | Z, 9R, Y15 | E9, E12, E133, E502, 505, 915, 1015E | VS034 | RM12R, TR133R, RM502R, ZM-9, TR233R | .20 .34 .44 .44 .57 |
| MS-173 | 1 | 1 | 935, TR233R | VS035 | | .24 |
| MS-174 | 2 | | | | | .34 |
| MS-381* | 2 | | | | | .44 |
| MS-175 | 1 | 2, D, Z4 | 950 | | RM42R | .24 |
| MS-176 | 2 | | | | | .34 |
| MS-382* | 2 | | | | | .44 |
| MS-177 | 1 | U15 | 412 | VS084 | RM412R | .24 |
| MS-178 | 2 | | | | | .34 |
| MS-183 | 1 | U20 | 413 | VS085 | RM413R | .28 |
| MS-184 | 2 | | | | | .36 |
| MS-225 | 1 | Y10 | 504 | | | .20 |
| MS-383 | 2 | | | | | .34 |
| MS-384 | 1 | Y20 | 506 | | | .28 |
| MS-385 | 1 | K10 | 417 | VS083 | | .28 |
| MS-386 | 1 | K15 | 420 | | | .28 |
| MS-387 | 1 | U10 | 411 | | RM411R | .28 |
| MS-388 | 1 | | E401 | | | .20 |
| MS-389 | 2 | | | | RM401R | .37 |
| MS-390 | 3 | | | | | .44 |
| MS-391 | | | E1 | | RM1R | .28 |
| MS-392 | | | E3 | | RM3R | .26 |
| MS-393 | | | E4 | | RM4R | .28 |

CINCH BATTERY CLIPS

Avg. Shipping Weight 1 oz.



A—male B—female

Stock #

Fig.

For Burgess
P6, D5, P6M, M6,
XX45, XX30, XX50

For RCA
VS300A, VS315,
VS322, VS016,
VS055, VS217

Net Ea.

CN-191

A

K45, P45, P45M,
P60, D6, 4D4,
N60X, C6X

VS082, VS218,
VS215, VS219,
VS306, VS316

.05

CN-192

B

U30, 2U6, 2N6

VS312, VS305,
VS086, VS323

.05

CN-193

C

XX50, P45,
P60, N60X

VS217, VS218,
VS215, VS219

.27

CN-194

D

.27

BURGESS-RCA-EVEREADY BATTERIES

PORTABLE A TYPES

| Lafayette Stock No. | "Eveready" No. | Burgess | R.C.A. | Dimensions in Inches L x W x H | Volt-age | Shpg. Wt. Lbs. | Net |
|---------------------|----------------|---------|--------|--------------------------------|----------|----------------|--------|
| BA-100 | A100 | Z30 | VS336 | 1 1/2 diam. x 2 1/2 | 1 1/2 | 3/4 | \$.84 |
| BA-101 | 720 | 2D | VS069 | 2 1/2 x 1 3/8 x 3 1/2 | 1 1/2 | 3/8 | .16 |
| BA-102 | 742 | 4F | VS004 | 2 1/2 x 2 1/4 x 3 1/2 | 1 1/2 | 1 3/8 | 1.15 |
| BA-104 | 964 | 21R | VS236 | 1 1/2 diam. x 4 1/2 | 1 1/2 | 3/8 | .32 |
| BA-276 | 206 | — | VS327: | 4 1/2 x 1 1/4 x 2 1/2 | 9 | 1 | .53 |
| BA-106 | 736 | F3 | VS067 | 3 1/2 x 1 1/4 x 4 1/2 | 4 1/2 | 1 1/2 | .95 |
| BA-107 | 746 | G3 | VS002 | 3 1/2 x 1 1/4 x 4 1/2 | 4 1/2 | 1 1/2 | 1.05 |
| BA-108 | 718 | 2F4 | VS010 | 3 1/2 x 2 3/4 x 5 1/2 | 6 | 2 1/4 | 2.73 |
| BA-109 | 724 | Z4 | VS068 | 1 1/2 x 1 1/4 x 2 1/2 | 6 | 1 1/2 | .70 |
| BA-110 | 744 | F4P1 | VS009 | 2 1/2 x 2 1/4 x 3 1/2 | 6 | 1 3/8 | 1.16 |
| BA-111 | 707 | D5 | VS315 | 2 1/2 x 2 1/4 x 2 1/2 | 7 1/2 | 3/4 | 1.05 |
| BA-112 | 713 | B5 | VS129 | 3 1/2 x 2 1/4 x 2 1/2 | 7 1/2 | 3/4 | 1.92 |
| BA-113 | 717 | C5 | VS065 | 2 1/2 x 1 1/4 x 3 1/2 | 7 1/2 | 1/2 | 1.15 |
| BA-190 | W353 | 2F | VS141 | 2 1/2 x 1 3/8 x 4 1/4 | 1 1/2 | 1 1/4 | .77 |

PORTABLE B TYPES

| Lafayette Stock No. | "Eveready" No. | Burgess | R.C.A. | Dimensions in Inches L x W x H | Volt-age | Shpg. Wt. Lbs. | Net |
|---------------------|----------------|---------|--------|--------------------------------|----------|----------------|--------|
| BA-114 | 411 | U10 | VS083 | 1 x 1 1/4 x 1 3/8 | 15 | 3/8 | \$.81 |
| BA-M5 | 417 | K10 | — | 1 1/2 x 2 1/8 x 1 3/8 | 15 | 3/8 | 1.16 |
| BA-116 | 504 | V10 | — | 5/8 x 1 1/2 x 1 3/8 | 15 | 3/8 | .81 |
| BA-117 | 412 | U15 | VS084 | 1 1/2 x 2 1/8 x 1 3/8 | 22 1/2 | 1/8 | 1.05 |
| BA-118 | 420 | K15 | — | 1 1/2 x 2 1/8 x 2 3/8 | 22 1/2 | 1/8 | 1.23 |
| BA-119 | 505 | Y15 | — | 5/8 x 1 1/2 x 1 3/8 | 22 1/2 | 1/8 | 1.05 |
| BA-120 | 413 | U20 | VS085 | 1 1/2 x 2 1/8 x 2 1/8 | 30 | 1/8 | 1.23 |
| BA-121 | 430 | K20 | — | 1 1/2 x 2 1/8 x 2 1/8 | 30 | 1/8 | 1.51 |
| BA-122 | 506 | Y20 | — | 1 1/2 x 2 1/8 x 2 1/8 | 30 | 1/8 | 1.30 |
| BA-123 | 507 | Y20S | — | 1 1/2 x 2 1/8 x 2 1/8 | 30 | 1/8 | 1.30 |
| BA-124 | 415 | U30 | VS086 | 1 1/2 x 2 1/8 x 3 1/8 | 45 | 3/8 | 1.75 |
| BA-125 | 485 | XX30 | VS055 | 2 1/4 x 1 x 3 1/8 | 45 | 1/2 | 2.08 |
| BA-126 | 482 | M30 | VS013 | 3 1/2 x 2 1/8 x 5 1/2 | 45 | 1 | 2.70 |
| BA-127 | 484 | B30 | VS012 | 3 1/2 x 2 1/8 x 5 1/2 | 45 | 3/8 | 3.29 |
| BA-128 | 738 | Z30 | VS015 | 5 1/2 x 2 1/8 x 7 1/2 | 45 | 4 1/8 | 3.47 |
| BA-130 | 416 | UX45 | VS318 | 3 x 2 1/8 x 4 1/8 | 45 | 1 1/4 | 2.76 |
| BA-131 | 457 | K45 | VS082 | 1 1/2 x 1 1/8 x 3 1/2 | 67 1/2 | 1/4 | 2.07 |
| BA-132 | 467 | XX45 | VS016 | 2 1/4 x 1 1/8 x 2 1/2 | 67 1/2 | 1/2 | 2.42 |
| BA-133 | 477 | P45 | VS218 | 2 1/4 x 1 1/8 x 3 3/4 | 67 1/2 | 1/2 | 2.45 |
| BA-134 | 437 | XX50 | VS217 | 1 1/2 x 1 1/8 x 3 3/4 | 67 1/2 | 1/2 | 2.27 |
| BA-135 | 479 | P60 | VS219 | 1 1/2 x 1 1/8 x 3 3/4 | 75 | 2/8 | 3.15 |
| BA-136 | 490 | N60 | VS090 | 1 1/2 x 1 1/8 x 3 3/4 | 90 | 1 | 3.15 |
| BA-137 | 495 | N60X | VS316 | 1 1/2 x 1 1/8 x 3 3/4 | 90 | 1 | 3.47 |
| BA-219 | W359 | A30 | VS014 | 3 1/2 x 2 1/4 x 4 1/8 | 90 | 2 1/2 | 2.49 |
| BA-304 | W361 | XX69 | — | 1 1/2 x 1 1/8 x 1 1 3/2 | 103 1/2 | 2 | 4.60 |
| BA-305 | 492 | N150 | — | 3 1/2 x 2 1/4 x 4 1/4 | 225 | 2 1/2 | 6.13 |
| BA-306 | 491 | U160 | — | 2 1/2 x 1 1/8 x 4 1/2 | 240 | 3/4 | 5.56 |
| BA-225 | 493 | U200 | VS093 | 2 1/2 x 2 1/8 x 3 3/8 | 300 | 2 | 8.37 |

PORTABLE A-B TYPES

| Lafayette Stock No. | "Eveready" No. | Burgess | R.C.A. | Dimensions in Inches L x W x H | Volt-age | Shpg. Wt. Lbs. | Net |
|---------------------|----------------|---------|--------|--------------------------------|-----------|----------------|--------|
| BA-143 | 729 | 4T260 | VS064 | 3 1/2 x 2 1/8 x 7 1/2 | 1 1/2, 90 | 2 1/8 | \$4.38 |
| BA-144 | 759 | 17G060 | VS022 | 15 1/2 x 4 1/8 x 16 1/2 | 1 1/2, 90 | 16 1/4 | 7.95 |
| BA-146 | 755 | T5250 | VS050 | 8 1/2 x 3 3/8 x 2 1/8 | 6, 7 1/2, | 75 | 5.08 |
| BA-148 | 753 | F6A60 | VS019 | 9 1/2 x 2 1/8 x 4 1/8 | 7 1/2, 9, | 90 | 5.43 |
| BA-149 | 756 | T6260 | VS057W | 8 7/8 x 2 1/8 x 3 3/8 | 7 1/2, 9, | 90 | 4.87 |
| BA-150 | 727 | T6260P | VS059 | 8 7/8 x 2 1/8 x 3 3/8 | 9 | 2 1/2 | 5.22 |
| BA-151 | 752 | G6B60 | VS047 | 14 1/2 x 2 1/8 x 4 1/8 | 9 | 6 1/2 | 5.78 |
| BA-308 | 757 | F6A60P | VS058 | 9 1/2 x 2 1/8 x 4 1/2 | 9-90 | 7 | 5.57 |

FLASHLIGHT, LANTERN BATTERIES

General Purpose, Portable Lighting

| Lafayette Stock No. | "Eveready" No. | Burgess | R.C.A. | Dimensions in Inches L x W x H | Volt-age | Shpg. Wt. Lbs. | Net |
|---------------------|----------------|---------|--------|--------------------------------|----------|----------------|------|
| BA-154 | 912 | 7 | VS074 | 1 1/2 Diam. x 1 1/4 | 1 1/2 | 1/4 | .10 |
| BA-155 | 915 | Z | VS034 | 1 1/2 Diam. x 1 1/4 | 1 1/2 | 2 1/8 | .095 |
| BA-156 | 935 | 1 | VS035 | 1 1/2 Diam. x 1 1/4 | 1 1/2 | 1/4 | .13 |
| BA-157 | 950 | 2 | VS036 | 1 1/2 Diam. x 2 1/2 | 1 1/2 | 1 1/8 | .13 |
| BA-158 | D-99 | — | — | 1 1/2 Diam. x 2 1/2 | 1 1/2 | 1 1/8 | .16 |
| BA-159 | 735 | 4FH | VS106 | 2 1/4 x 2 1/4 x 4 1/2 | 1 1/2 | 1 1/8 | .84 |
| BA-160 | ±6 lgn. | 6 lgn. | VS006S | 2 1/2 Diam. x 6 5/8 | 1 1/2 | 2 1/8 | .84 |
| BA-161 | 509 | F4H | VS040C | 2 1/4 x 2 1/4 x 4 1/2 | 6 | 1 1/4 | .79 |
| BA-162 | 510S | F4BP | VS040S | 2 1/4 x 2 1/4 x 4 1/2 | 6 | 1 1/4 | .79 |
| BA-163 | 731 | TW1 | VS137 | 5 1/2 x 2 1/4 x 4 1/8 | 6 | 3 1/4 | 1.83 |
| BA-164 | 706 | 4F4H | VS013 | 8 1/2 x 2 1/4 x 6 1/8 | 6 | 5 1/8 | 4.01 |
| BA-166 | 1462 | — | — | 5 1/2 x 5 1/2 x 7 1/2 | 6 | 9 1/2 | 4.01 |
| BA-169 | 716 | 4F6H | VS140 | 8 1/2 x 4 1/4 x 6 1/8 | 9 | 3 1/2 | 5.53 |
| BA-275 | 560 | — | — | 7 1/2 x 5 1/2 x 7 1/2 | 7 1/2 | 2 | 3.50 |
| BA-309 | 904 | NE | VS073 | 3/4 Diam. x 1 1/4 | 1 1/2 | 1 | .08 |
| BA-203 | W357 | 4F2H | VS138 | 3 3/8 x 2 1/4 x 5 1/2 | 3 | 3 1/2 | 1.45 |
| BA-310 | 510F | F4SC | — | 2 1/2 x 2 1/4 x 4 1/2 | 6 | 1 3/4 | .79 |
| BA-311 | 715 | 4F5H | VS139 | 7 3/8 x 3 3/8 x 5 1/8 | 7 1/2 | 8 1/2 | 4.86 |

TECH. MANUAL ON NICKEL CADMIUM BATTERIES

"Eveready" Battery Engineering Bulletin #8 for Technical Specifications and Recharging Instructions. Net .25

ALKALINE ENERGIZERS

Uses Electronic Flash Equipment . . . Hobby Equipment . . . other Heavy-Duty. Up to 10 times longer service life than standard cells in continuous high-drain use. Hermetically sealed . . . will not leak or corrode. More power in less space.

| Lafayette Stock No. | "Eveready" No. | Dimensions (Diam.) | Voltage | Shpg. Weight | Net |
|---------------------|----------------|--------------------|---------|--------------|-----|
| BA-267 | E94 | 1.328 x 1.188 | 1.5 | 1.8 | .33 |
| BA-268 | E95 | 1.328 x 2.375 | 1.5 | 4.1 | .49 |
| BA-269 | E97S | 1.328 x 5.185 | 1.5 | 8 1/4 | .73 |
| BA-272 | E91 | .54 x 1.95 | 1.5 | .9 | .33 |
| BA-277 | E93 | 1.95 x 1.188 | 1.5 | 2 | .39 |

TRANSISTOR AND HEARING AID BATTERIES

ENERGIZERS — CATHODE ENVELOPE TYPES

| Lafayette Stock No. | "Eveready" No. | Burgess | R.C.A. | Dimensions in Inches L x W x H | Volt-age | Shpg. Wt. Lbs. | Net |
|---------------------|----------------|---------|--------|--------------------------------|----------|----------------|------|
| BA-230 | E9 | — | VS313 | .550 diam. x 1.968 | 1.4 | 1/8 | .51 |
| BA-242 | E630 | — | VS147 | .615 diam. x .238 | 1.35 | 1/8 | .30 |
| BA-100 | A100 | 230 | VS336 | 1 1/2 diam. x 2 1/2 | 1.5 | 1/8 | .16 |
| BA-173 | G35 | 130 | VS335 | 1 1/2 diam. x 1 1/4 | 1.5 | 1/8 | .16 |
| BA-174 | 1015 | 930 | VS334 | 1 1/2 diam. x 1 1/2 | 1.5 | 1/8 | .16 |
| BA-237 | E233 | — | VS400 | 1 1/2 diam. x 1 1/2 | 4.2 | 1/8 | 1.80 |
| BA-176 | 243 | 223 | VS324 | 1 1/2 x 1 1/2 x 2 3/4 | 4 1/2 | 1/8 | 1.19 |
| BA-236 | E146 | — | VS312 | 1 1/2 x 3/8 x 2 | 8.4 | 1/8 | 1.02 |
| BA-178 | 216 | 2U6 | VS323 | 1 1/2 x 1 1/4 x 1 3/2 | 9.0 | 1/8 | .48 |
| BA-180 | 246 | 2N6 | VS305 | 1 1/2 x 1 1/2 x 2 3/4 | 9.0 | 1/8 | 1.30 |
| BA-181 | 266 | M6 | VS322 | 1 1/2 x 1 1/4 x 2 1/4 | 9.0 | 1/2 | 1.05 |
| BA-182 | 276 | D6 | VS306 | 2 1/4 x 2 1/4 x 3 3/8 | 9.0 | 1 | 1.26 |
| BA-183 | 2506 | D6P1 | VS301 | 8 x 2 1/4 x 1 1/4 | 9.0 | 1 1/2 | 1.76 |
| BA-184 | 239 | XX9 | VS304 | 1 1/2 x 1 1/2 x 2 1/4 | 13 1/2 | 1 1/2 | 1.05 |
| BA-185 | 2731 | — | VS321 | 2 1/4 x 1 1/4 x 8 1/2 | 4 1/2 | 3 | 1.93 |
| BA-187 | 2356 | C6X | — | 2 1/2 x 1 1/4 x 6 1/4 | 9.0 | 1 1/4 | 1.10 |
| BA-273 | 2709 | — | — | 2 1/2 x 1 1/4 x 4 1/4 | 9 | 1/2 | 1.05 |
| BA-302 | 274 | 4D4 | — | 2 1/2 x 2 x 7 1/2 | 6 | 3 | 3.33 |
| BA-318 | 226 | P6M | — | 1 1/2 x 1 1/2 x 1 1/2 | 9 | 3 | .62 |
| BA-400 | E177 | YL6 | VS309A | 3/2 diam. x 1 1/2 | 9 | 2 | 1.15 |

INDUSTRIAL BATTERY TYPES

(For Radios, Electronic Equipment, Test Instruments and Other Applications)

| Lafayette Stock No. | "Eveready" No. | Burgess | R.C.A. | Dimensions in Inches L x W x H | Volt-age | Shpg. Wt. Lbs. | Net |
|---------------------|----------------|---------|--------|--------------------------------|-------------|----------------|------|
| BA-190 | W353 | 2F | VS141 | 2 1/2 x 1 1/8 x 4 1/4 | 1 1/2 | 3/4 | .77 |
| BA-200 | W354 | 2FBP | VS101 | 2 1/2 x 1 1/8 x 4 3/8 | 1 1/2 | 3/8 | .87 |
| BA-201 | — | 2BBP | — | 1 1/2 x 1 1/8 x 2 1/2 | 1 1/2 | 1/2 | 1.16 |
| BA-202 | W356 | 2F2H | VS136 | 2 1/2 x 2 1/8 x 4 1/4 | 3 | 1 1/8 | 1.08 |
| BA-203 | W357 | 4F2H | VS138 | 3 1/2 x 2 1/8 x 5 1/4 | 3 | 2 3/4 | 1.45 |
| BA-204 | W371 | 2Z2P1 | — | 1 1/2 x 1 1/8 x 2 1/2 | 3 | 1/8 | .68 |
| BA-205 | 750 | 422 | VS134 | 1 1/2 x 1 1/8 x 2 1/2 | 3 | — | .65 |
| BA-206 | 703 | 532 | VS133 | 2 1/2 x 2 1/8 x 3 1/4 | 4 1/2 | 1/4 | .74 |
| BA-207 | 761T | 2370ST | VS130 | 4 1/2 x 1 1/8 x 3 1/2 | 4 1/2 | 7/8 | 1.57 |
| BA-208 | 771 | 2370P1 | VS030 | 3 1/2 x 1 1/8 x 3 1/4 | 4 1/2 | 7/8 | 1.65 |
| BA-209 | 781 | 5360 | VS028 | 2 1/2 x 1 1/8 x 3 1/4 | 4 1/2 | 1/4 | .88 |
| BA-210 | W362 | W58P | — | 2 1/2 x 1 1/8 x 1 3/4 | 4 1/2 | 1/8 | 1.47 |
| BA-211 | 773 | 5540 | VS029 | 3 1/2 x 2 1/8 x 3 1/4 | 7 1/2 | 1/2 | 1.65 |
| BA-270 | 763 | 4156 | VS102 | 3 1/2 x 2 1/8 x 2 1/4 | +22 1/2 | 1/4 | 1.61 |
| BA-215 | 778 | 5156SC | VS131 | 4 1/2 x 2 1/8 x 3 1/4 | -22 1/2 | 1 1/2 | 3.12 |
| BA-216 | W350 | Z30NX | VS114 | 3 1/2 x 1 1/8 x 4 1/2 | +22 1/2 +45 | 7/8 | 2.69 |
| BA-218 | W358 | W30BPX | — | 2 1/2 x 1 1/8 x 4 1/2 | +45 | 1/2 | 2.49 |
| BA-219 | W359 | A30 | VS014 | 3 1/2 x 2 1/8 x 4 1/2 | +45 | 1 1/2 | 2.49 |
| BA-220 | W363F | 10308SC | VS127 | 2 1/2 x 4 1/8 x 7 1/8 | +22 1/2 +45 | 10 1/4 | 4.84 |
| BA-312 | W352 | F28P | VS100 | 2 1/2 x 1 1/8 x 4 1/2 | 3 | 1 1/4 | .87 |
| BA-313 | 762S | 5308 | VS112 | 4 1/2 x 2 1/8 x 5 1/4 | 45 | 3 1/2 | 3.05 |

ELECTRONIC PHOTOFLASH AND HIGH VOLTAGE TYPES

| | | | | | | | |
|--------|-----|------|-------|-----------------------|-----|-------|-------|
| BA-225 | 493 | U200 | VS093 | 2 1/2 x 2 1/8 x 3 3/8 | 300 | 3/4 | 8.37 |
| BA-226 | 497 | U320 | — | 3 x 1 1/2 x 5 1/8 | 510 | 1 1/2 | 11.16 |

NICKEL CADMIUM RECHARGEABLE BATTERIES

Hermetically sealed steel nickel-cadmium cells. High energy, long lasting. May be recharged many times. In Button or penlite type. Unaffected by idle periods.

| Lafayette Stock No. | "Eveready" No. | No. Cells | Dimensions in Inches L x W x H | Capacity (10 Hour Rate) | Average Dischg. Voltage | Wt. of Unit Pkg. in Oz. | Net |
|---------------------|----------------|-----------|--------------------------------|-------------------------|-------------------------|-------------------------|-----|
| BA-244 | N24 | 1 | 1 1/2 Diam. x 1 1/4 | 50 mah | 1.25 | 0.12 | .70 |
| BA-245 | N26 | 1 | 1 1/2 Diam. x 1 1/4 | 100 mah | 1.25 | 0.32 | .75 |
| BA-246 | *N26T | 1 | 1 1/2 Diam. x 1 1/4 | 100 mah | 1.25 | 0.32 | .84 |
| BA-247 | N28 | 1 | 1 1/2 Diam. x 1 1/4 | 150 mah | 1.2 | | |

BATTERIES, CHARGERS & MERCURY CELLS

NEW! "STORAGE CELL" for TRANSISTOR RADIOS!

ONE CHARGEABLE BATTERY OUTLASTS 100 CONVENTIONAL BATTERIES

- Replaces 2U6, 216, BL-006P and BA-2
- Fluid Storage Type—Can't Leak Out
- Plays about 15 Hours on One Charging
- Battery Recharges Overnight
- Battery Can Be Used Over and Over Again
- Complete—Battery Plus Charger

Only **269**

The next best thing to a battery that will last a lifetime—this battery can be used for 1100 to 1500 hours of playing time, AND MORE. Its long life is based on 2 new features: 1. A fine storage battery that cannot have fluid leakage; 2. Recharges Overnight—just plug the battery into the charger, then charge into your electrical outlet. Let it charge for 10-12 hours. It cannot burn out on recharge. After charging, the battery is good for about 15 hours of playing time. When the battery runs down, just charge it up and it's ready to play. Will outlast more than 100 conventional batteries. 9V Battery complete with charger. Battery 1 7/8x1 3/8"; charger 3 3/4x1 1/4x7/8". Shpg. wt., 6 oz. Imported

F-619 Battery and Charger Net 2.69
BA-8 Battery Replacement for above Net 1.29

LAFAYETTE BATTERIES

AT TREMENDOUS SAVINGS

These popular batteries are for Portable and Transistor radios, R/C equipment, experimenters, labs, and hobbyists, etc. Imported

FRESH STOCK—BRAND NEW GUARANTEED

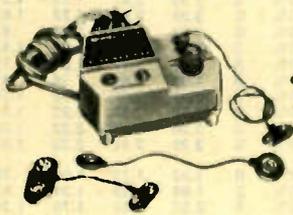
Here are six of the most popular types used and at

RICIDULOUSLY LOW PRICES

| Stock No. | Voltage | Singly | Lots 10 Each | REPLACEMENTS FOR | | | |
|-----------|---------|--------|--------------|-------------------------|-------------|----------|---------|
| | | | | RCA | Burgess | Eveready | Others |
| BA-1 | 67 1/2 | 1.49 | 1.39 | VS215 VS216 VS218 | P45 P45M | 477 | BL-M145 |
| BA-2 | 9 | .21 | .20 | VS312 VS323 | 2U6 | 216 | BL-006F |
| BA-3 | 9 | .34 | .29 | VS300A VS314 | P6 P6M | 226 | BL-M106 |
| BA-5 | 67 1/2 | 1.29 | 1.19 | VS318 | UX45 | 416 | BL-045 |
| BA-6 | 67 1/2 | 1.45 | 1.35 | VS016 | XX45 | 467 | BL-145 |
| BA-7 | 9 | .53 | .45 | VS309A | YL-6 | E-177 | TR-177 |

LAFAYETTE 9-VOLT TRANSISTOR RADIO BATTERY CHARGER AND ELIMINATOR

NEW!



- Charge Battery, Operate Set On AC, or Both
- Isolated Transformer - Shock-Proof

290

Just Plug into any 117-volt AC receptacle and recharge your old 9-volt battery for many hours of extra use; or operate your set indoors without using the battery at all; or you can both charge battery and operate set at the same time. Has 4-position switch for above functions plus off position and pilot light. It is well filtered insuring low hum and excellent regulation to minimize power losses and to extend life of your set. Transformer is isolated to eliminate shock hazard. Complete with ivory plastic case, AC cord and assort. of snaps to fit all 9-volt batteries. Size: 4Wx1 3/8x2 3/8"D. Shpg. wt., 1 lb.

F-790 Net 2.90

"B" BATTERY ELIMINATOR and CHARGER for PORTABLE RADIOS

- Adjustable Terminals

245



Features adjustable terminals that accept batteries with terminals 7/8" to 1 1/2" apart. Adaptor included permits use with batteries having terminals on 1/2" mtg. centers. Convenient switch for battery eliminator or charger. Replaces all snap terminal 67 1/2 V. B batteries. When indoors you can operate set on regular 110V AC without using the battery. Also rejuvenates old batteries for many extra hours of use. Complete with AC cord and plug. Size: 1 7/8x2 1/2x1". Shpg. wt., 8 oz. Imported

F-195 Battery Charger Net 2.45

LAFAYETTE PHOTOFLASH, BC AND HEARING AID BATTERIES



| Stock No. | Voltage | Singly | Lots 10 Ea. | Fig. | Replacements for | | | RCA | Shpg. Wt. |
|-----------|---------|--------|-------------|------|------------------|----------|--------|-------|-----------|
| | | | | | Burgess | Eveready | Others | | |
| BA-11 | 15 | .49 | .44 | A | Y10 | 504 | — | 3 oz. | |
| BA-14 | 22 1/2 | .59 | .53 | A | Y15 | 505 | — | 3 oz. | |
| BA-12 | 22 1/2 | .59 | .53 | B | U15 | 412 | VS084 | 3 oz. | |
| BA-16 | 45 | 1.98 | 1.83 | C | M30 | 482 | VS013 | 2 lb. | |
| BA-15 | 90 | 2.36 | 2.12 | D | N60 | 490 | VS090 | 1 lb. | |
| BA-13 | 240 | 4.50 | — | E | U160 | 491 | — | 1 lb. | |

"B" BATTERY ELIMINATOR and CHARGER

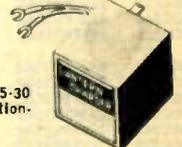


245

Replaces Eveready 416, Burgess UX-45, and RCA VS 318 67 1/2 V B batteries used in Radio Control units and many portables. Just plug in the AC cord and you can save your battery for outdoor use. Also recharges your battery 110 volts. 3 1/4x1 3/8". Shpg. wt., 7 oz. Imported

F-550 Net 2.45

NEW! DYNAMIC BATTERY CHARGER FOR 6-VOLT LANTERN BATTERIES



- Extends Battery Life 15-30 Times
- Guaranteed Unconditionally for One Year

Keep lantern batteries like new for months—far exceeding their normal life. Pays for itself many times over. Equipped with an isolating step-down power transformer, it is safe from shock hazard. Just connect charger leads to battery binding posts and plug charger into any 117-volt AC outlet. Chart showing chargeable battery types and charging time required is included. Size: 1 3/4x 1 3/4x2 1/4". Shpg. wt., 3/4 lb. Net 4.95

MERCURY BATTERIES

FOR TRANSISTOR APPLICATIONS

| Stock No. | Mallory | Replaces | | Volts | Shpg. Wt. | Net Ea. |
|-----------|---------|----------|---------|-------|-----------|---------|
| | | Eveready | Burgess | | | |
| BA-501 | TR-152R | — | — | 2.5 | 2 oz. | .78 |
| BA-502 | TR-162R | — | — | 2.5 | 3 oz. | .87 |
| BA-233 | TR-132R | E-132 | — | 2.5 | 3 oz. | .92 |
| BA-504 | TR-143R | — | — | 4.0 | 3 oz. | 1.29 |
| BA-505 | TR-153R | — | — | 4.0 | 2 oz. | 1.02 |
| BA-506 | TR-163 | E-163 | H-163 | 4.0 | 3 oz. | 1.02 |
| BA-234 | TR-133 | E-133 | H-133 | 4.0 | 3 oz. | 1.00 |
| BA-237 | TR-233 | E-233 | H-233 | 4.0 | 9 oz. | 1.80 |
| BA-507 | TR-114 | — | — | 5.0 | 3 oz. | 1.50 |
| BA-508 | TR-164 | E-164 | H-164 | 5.0 | 3 oz. | 1.15 |
| BA-235 | TR-134 | E-134 | — | 5.0 | 3 oz. | 1.45 |
| BA-531 | TR-234R | E-234 | — | 5.4 | 4 oz. | 2.50 |
| BA-509 | TR-115 | — | — | 6.5 | 3 oz. | 1.70 |
| BA-510 | TR-165 | E-165 | H-165 | 6.5 | 3 oz. | 1.50 |
| BA-511 | TR-135 | — | — | 6.5 | 4 oz. | 1.85 |
| BA-532 | TR-175 | E-175 | — | 7.0 | 1 oz. | 1.02 |
| BA-512 | TR-145 | — | — | 7.5 | 3 oz. | 1.55 |
| BA-513 | TR-136 | — | — | 8.0 | 5 oz. | 2.18 |
| BA-533 | TR-126 | E-126 | H-126 | 8.4 | 1 oz. | .85 |
| BA-236 | TR-146 | E-146 | H-146 | 9.0 | 3 oz. | 1.02 |
| BA-534 | TR-177 | E-177 | H-177 | 9.8 | 1 oz. | 1.15 |
| BA-535 | TR-169 | E-169 | H-169 | 12.6 | 3 oz. | 3.20 |

FOR INDUSTRIAL APPLICATIONS

| Stock No. | Mallory | Replaces | | Volts | Shpg. Wt. | Net Ea. |
|-----------|----------|----------|---------|-------|-----------|---------|
| | | Eveready | Burgess | | | |
| BA-227 | RM-1R | E-1 | HG-1R | 1.35 | 3 oz. | .44 |
| BA-228 | RM-3R | E-3 | HG-3R | 1.35 | 3 oz. | .54 |
| BA-229 | RM-4R | E-4 | HG-4R | 1.35 | 4 oz. | .69 |
| BA-514 | RM-4RT | — | — | 1.35 | 4 oz. | .74 |
| BA-232 | RM-12R | E-12 | HG-12R | 1.35 | 3 oz. | .82 |
| BA-516 | RM-42R | E-42 | HG-42R | 1.35 | 10 oz. | 1.85 |
| BA-517 | RM-42RT | — | — | 1.35 | 10 oz. | 1.90 |
| BA-238 | RM-400R | E-400 | HG-400R | 1.35 | 1 oz. | .24 |
| BA-239 | RM-401 | E-401 | HG-401 | 1.35 | 2 oz. | .34 |
| BA-518 | RM-450R | — | HG-450R | 1.35 | 2 oz. | .34 |
| BA-240 | RM-502R | E-502 | HG-502R | 1.35 | 3 oz. | .62 |
| BA-519 | RM-601R | — | HG-601R | 1.35 | 3 oz. | .65 |
| BA-241 | RM-625R | E-625 | HG-625R | 1.35 | 1 oz. | .34 |
| BA-520 | RM-625RT | — | — | 1.35 | 1 oz. | .39 |
| BA-242 | RM-630 | E-630 | HG-630 | 1.35 | 1 oz. | .30 |
| BA-521 | RM-640 | E-640 | HG-640 | 1.35 | 2 oz. | .30 |
| BA-515 | RM-4Z | — | — | 1.4 | 3 oz. | .58 |
| BA-522 | RM-675 | E-675 | — | 1.4 | 1 oz. | .26 |
| BA-536 | RM-312 | E-312 | — | 1.4 | 1 oz. | .24 |
| BA-537 | RM-520 | — | — | 1.4 | 1 oz. | .16 |
| BA-230 | ZM-9 | E-9 | HG-9 | 1.5 | 5 oz. | .51 |
| BA-231 | DM-9N | E-9N | — | 1.5 | 5 oz. | .54 |
| BA-243 | E-302478 | — | — | 9.8 | 9 lbs. | 4.29 |



TEXAS INSTRUMENTS



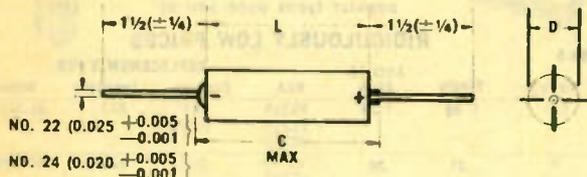
SOLID TANTALUM ELECTROLYTIC CAPACITORS

SOLID TANTALUM ELECTROLYTICS

PARENT DEVICE SYSTEM

Extremely compact capacitors for miniaturized circuitry. Feature long life, stable operation, low DC leakage. Provide reliable performance from -80°C. to +125°C. Dry construction — cannot leak. *at 85°C; derate 35% at 125°C. Meets MIL-C-2665A/2B for moisture resistance shock, vibration. Absence of external weld allows either lead to be bent next to case. 2 oz. For plastic insulating sleeving, change Mfr. Type No. from "A" to "C" and add .02 each to price; for Mylar insulating sleeves, change Mfr. Type No. from "A" to "D" and add .05 each to price.

Texas Instruments Parent Device capacitor rating system gives you the advantage of high-voltage capacitors for lower voltage applications AT NO INCREASE IN COST. Higher voltage parent devices give you a built-in safety factor and simplify your stocking and procurement procedures. For example, a tan-TI-cap solid tantalum capacitor 1µf parent device is rated at 6 to 35 volts and functions in any circuit up to this maximum voltage rating. Lower voltage parent device ratings are also available, such as 10µf 6-20 volt capacitor. All Texas Instruments tan-TI-cap solid tantalum capacitors listed below are parent devices and are stocked by LAFAYETTE RADIO ELECTRONICS CORPORATION for your convenience and immediate delivery.



| Case Size | D +0.010 -0.005 | L ±0.031 | C Max. | Wire Size Avg. | D ±0.010 | L ±0.031 | C Max. | Avg. Wt. gms |
|-----------|-----------------------|-------------|-----------|-------------------|-------------|-------------|-----------|-----------------|
| F | 0.125 | 0.250 | 0.422 | 24 | 0.135 | 0.286 | 0.422 | 0.4 |
| B | 0.175 | 0.438 | 0.610 | 24 | 0.185 | 0.474 | 0.610 | 1.2 |
| G | 0.279 | 0.650 | 0.822 | 22 | 0.289 | 0.686 | 0.822 | 2.0 |
| H | 0.341 | 0.750 | 0.922 | 22 | 0.351 | 0.786 | 0.922 | 3.4 |

AWG SOLDERABLE LEADS

| AWG SOLDERABLE LEADS | | | | NET EACH | | | | NET EACH | | | | | | | | | | | |
|----------------------|----------------|-------|----|-----------|------|------|-------|----------|---------|-----------|----------------|-----|----|-----------|------|------|-------|-------|---------|
| Stock No. | Mfg's Type SCM | mfd | V | Tolerance | Size | 1-24 | 25-49 | 50-99 | 100-499 | Stock No. | Mfg's Type SCM | mfd | V | Tolerance | Size | 1-24 | 25-49 | 50-99 | 100-499 |
| 3CC240 | 472FP035A4 | .0047 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC19 | 565FP006A2 | 5.6 | 6 | 10% | F | 1.92 | 1.54 | 1.30 | .95 |
| 3CC213 | 472FP035A2 | .0047 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC132 | 565BP035A2 | 5.6 | 35 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC214 | 562FP035A2 | .0056 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC149 | 685FP006A4 | 6.8 | 6 | 20% | F | 1.46 | 1.17 | .99 | .73 |
| 3CC241 | 682FP035A4 | .0068 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC20 | 685FP006A2 | 6.8 | 6 | 10% | F | 1.92 | 1.54 | 1.30 | .95 |
| 3CC215 | 682FP035A2 | .0068 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC20 | 685FP006A2 | 6.8 | 6 | 10% | F | 1.92 | 1.54 | 1.30 | .95 |
| 3CC254 | 822FP035A2 | .0082 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC207 | 685BP035A4 | 6.8 | 35 | 20% | B | 1.52 | 1.22 | 1.03 | .75 |
| 3CC242 | 103FP035A4 | .010 | 35 | 20% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC133 | 685BP035A2 | 6.8 | 35 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC216 | 103FP035A2 | .010 | 35 | 10% | F | 1.30 | 1.04 | .88 | .72 | 3CC108 | 825BP020A2 | 8.2 | 20 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC217 | 123FP035A2 | .012 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC134 | 825GP035A2 | 8.2 | 35 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC243 | 153FP035A4 | .015 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC195 | 106BP020A4 | 10 | 20 | 20% | B | 1.52 | 1.22 | 1.03 | .75 |
| 3CC218 | 153FP035A2 | .015 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC109 | 106BP020A2 | 10 | 20 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC219 | 183FP035A2 | .018 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC208 | 106GP035A4 | 10 | 35 | 20% | G | 2.52 | 2.02 | 1.70 | 1.24 |
| 3CC244 | 223FP035A4 | .022 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC135 | 106GP035A2 | 10 | 35 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC220 | 223FP035A2 | .022 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC110 | 126BP020A2 | 12 | 20 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC221 | 273FP035A2 | .027 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC136 | 126GP035A2 | 12 | 35 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC245 | 333FP035A4 | .033 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC196 | 156BP020A4 | 15 | 20 | 20% | B | 1.52 | 1.22 | 1.03 | .75 |
| 3CC222 | 333FP035A2 | .033 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC111 | 156BP020A2 | 15 | 20 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC223 | 393FP035A2 | .039 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC209 | 156GP035A4 | 15 | 35 | 20% | G | 2.52 | 2.02 | 1.70 | 1.24 |
| 3CC246 | 473FP035A4 | .047 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC137 | 156GP035A2 | 15 | 35 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC224 | 473FP035A2 | .047 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC112 | 186GP020A2 | 18 | 20 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC225 | 563FP035A2 | .056 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC138 | 186GP035A2 | 18 | 35 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC247 | 683FP035A4 | .068 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC183 | 226BP015A4 | 22 | 15 | 20% | B | 1.52 | 1.22 | 1.03 | .75 |
| 3CC226 | 683FP035A2 | .068 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC186 | 226BP015A2 | 22 | 15 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC227 | 823FP035A2 | .082 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC210 | 226GP035A4 | 22 | 35 | 20% | G | 2.52 | 2.02 | 1.70 | 1.24 |
| 3CC248 | 104FP035A4 | .10 | 35 | 20% | F | 1.30 | 1.04 | .88 | .72 | 3CC139 | 226GP035A2 | 22 | 35 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC228 | 104FP035A2 | .10 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC58 | 276GP010A2 | 27 | 10 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC229 | 124FP035A2 | .12 | 35 | 10% | F | 1.69 | 1.36 | 1.14 | .94 | 3CC114 | 276GP020A2 | 27 | 20 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC249 | 154FP035A4 | .15 | 35 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC140 | 276HP035A2 | 27 | 35 | 10% | H | 6.12 | 4.90 | 4.13 | 3.18 |
| 3CC230 | 154FP035A2 | .15 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC169 | 336BP010A4 | 33 | 10 | 20% | B | 1.52 | 1.22 | 1.03 | .75 |
| 3CC231 | 184FP035A2 | .18 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC59 | 336BP010A2 | 33 | 10 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC250 | 224FP035A4 | .22 | 35 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC198 | 336GP020A4 | 33 | 20 | 20% | G | 2.52 | 2.02 | 1.70 | 1.24 |
| 3CC232 | 224FP035A2 | .22 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC115 | 336GP020A2 | 33 | 20 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC233 | 274FP035A2 | .27 | 35 | 10% | F | 1.46 | 1.17 | .99 | .73 | 3CC211 | 336HP035A4 | 33 | 35 | 20% | H | 4.70 | 3.76 | 3.18 | 2.45 |
| 3CC251 | 334FP035A4 | .33 | 35 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC141 | 336HP035A2 | 33 | 35 | 10% | H | 6.12 | 4.90 | 4.13 | 3.18 |
| 3CC234 | 334FP035A2 | .33 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC60 | 396BP010A2 | 39 | 10 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC235 | 394FP035A2 | .39 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC116 | 396GP020A2 | 39 | 20 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC252 | 474FP035A4 | .47 | 35 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC142 | 396HP035A2 | 39 | 35 | 10% | H | 6.12 | 4.90 | 4.13 | 3.18 |
| 3CC236 | 474FP035A2 | .47 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC154 | 476BP006A4 | 47 | 6 | 20% | B | 1.52 | 1.22 | 1.03 | .75 |
| 3CC237 | 564FP035A2 | .56 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC30 | 476BP006A2 | 47 | 6 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC253 | 684FP035A4 | .68 | 35 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC199 | 476GP020A4 | 47 | 20 | 20% | G | 2.52 | 2.02 | 1.70 | 1.24 |
| 3CC238 | 684FP035A2 | .68 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC117 | 476GP020A2 | 47 | 20 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC239 | 824FP035A2 | .82 | 35 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC212 | 476HP035A4 | 47 | 35 | 20% | H | 4.70 | 3.76 | 3.18 | 2.45 |
| 3CC202 | 105FP035A2 | 1.0 | 35 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC143 | 476HP035A2 | 47 | 35 | 10% | H | 6.12 | 4.90 | 4.13 | 3.18 |
| 3CC98 | 125FP020A4 | 1.2 | 20 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC31 | 566BP006A2 | 56 | 6 | 10% | B | 1.98 | 1.59 | 1.34 | .97 |
| 3CC124 | 125BP035A2 | 1.2 | 35 | 10% | B | 1.98 | 1.59 | 1.34 | .97 | 3CC91 | 566GP015A2 | 56 | 15 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC190 | 155FP020A4 | 1.5 | 20 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC118 | 566HP020A2 | 56 | 20 | 10% | H | 6.12 | 4.90 | 4.13 | 3.18 |
| 3CC99 | 155FP020A2 | 1.5 | 20 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC186 | 686GP015A4 | 68 | 15 | 20% | G | 2.52 | 2.02 | 1.70 | 1.24 |
| 3CC203 | 155BP035A4 | 1.5 | 35 | 20% | B | 1.52 | 1.22 | 1.03 | .75 | 3CC185 | 686GP015A2 | 68 | 15 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC125 | 155BP035A2 | 1.5 | 35 | 10% | B | 1.98 | 1.59 | 1.34 | .97 | 3CC200 | 686HP020A4 | 68 | 20 | 10% | H | 4.70 | 3.76 | 3.18 | 2.45 |
| 3CC100 | 185FP020A2 | 1.8 | 20 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC119 | 686HP020A2 | 68 | 20 | 10% | H | 6.12 | 4.90 | 4.13 | 3.18 |
| 3CC126 | 185BP035A2 | 1.8 | 35 | 10% | B | 1.98 | 1.59 | 1.34 | .97 | 3CC64 | 826GP010A2 | 82 | 10 | 10% | G | 3.28 | 2.62 | 2.22 | 1.62 |
| 3CC191 | 225FP020A4 | 2.2 | 20 | 20% | F | 1.46 | 1.17 | .99 | .73 | 3CC120 | 826HP020A2 | 82 | 20 | 10% | H | 6.12 | 4.90 | 4.13 | 3.18 |
| 3CC101 | 225FP020A2 | 2.2 | 20 | 10% | F | 1.92 | 1.54 | 1.30 | .95 | 3CC172 | 107GP010A4 | 100 | 10 | 20% | G | 2.52 | 2.02 | 1.70 | 1.24 |
| 3CC204 | 225BP035A4 | 2.2 | 35 | 20% | B | 1.52 | 1.22 | 1.03 | .75 | 3CC65 | 107GP010A2 | 100 | 10 | 10% | G | 3.28 | 2.62 | 2.22 | 1 |



Sprague 150D "Tantalex" Capacitors



Hermetically sealed in subminiature metal cases. Solid electrolyte cannot leak or corrode, stable capacitance and low dissipation over temperature range of -80°C to +85°C. Temp. coefficient is unusually low and linear.

nominally 600 ppm/°C. With plastic film sleeves. Shpg. wt., 3 ozs. Case size indicated by last letter in type number. All sizes include plastic sleeve.

| Code | Diam. & Length | Code | Diam. & Length |
|------|----------------|------|----------------|
| A | .104" x .312" | R | .285" x .759" |
| B | .190" x .500" | S | .347" x .859" |

TYPE 150D 6WVDC-8VDC SURGE ± 20% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-10 | 224x0006A2 | .22 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-11 | 334x0006A2 | .33 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-12 | 474x0006A2 | .47 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-13 | 684x0006A2 | .68 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-14 | 105x0006A2 | 1.0 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-15 | 155x0006A2 | 1.5 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-16 | 225x0006A2 | 2.2 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-17 | 335x0006A2 | 3.3 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-18 | 475x0006A2 | 4.7 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-19 | 685x0006A2 | 6.8 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-20 | 106x0006R2 | 10 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-21 | 156x0006R2 | 15 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-22 | 226x0006R2 | 22 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-23 | 336x0006R2 | 33 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-24 | 476x0006R2 | 47 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-25 | 606x0006R2 | 60 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-26 | 686x0006R2 | 68 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-27 | 107x0006R2 | 100 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-28 | 127x0006R2 | 120 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-29 | 157x0006R2 | 150 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-30 | 187x0006R2 | 180 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-31 | 227x0006S2 | 220 | 4.72 | 3.78 | 3.19 | 2.47 |
| 3CB-32 | 337x0006S2 | 330 | 4.72 | 3.78 | 3.19 | 2.47 |

TYPE 150D 15WVDC-18 VDC SURGE ± 20% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-53 | 224x0015A2 | .22 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-54 | 334x0015A2 | .33 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-55 | 474x0015A2 | .47 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-56 | 684x0015A2 | .68 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-57 | 105x0015A2 | 1.0 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-58 | 155x0015A2 | 1.5 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-59 | 225x0015A2 | 2.2 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-60 | 335x0015A2 | 3.3 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-61 | 475x0015A2 | 4.7 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-62 | 685x0015B2 | 6.8 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-63 | 106x0015B2 | 10 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-64 | 156x0015B2 | 15 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-65 | 226x0015B2 | 22 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-66 | 336x0015R2 | 33 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-67 | 476x0015R2 | 47 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-68 | 686x0015R2 | 68 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-69 | 107x0015S2 | 100 | 4.72 | 3.78 | 3.19 | 2.47 |
| 3CB-70 | 157x0015S2 | 150 | 4.72 | 3.78 | 3.19 | 2.47 |

TYPE 150D 6WVDC-8VDC SURGE ± 10% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-168 | 565x9006A2 | 5.6 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-170 | 685x9006A2 | 6.8 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-181 | 476x9006B2 | 47 | 2.00 | 1.60 | 1.36 | 1.00 |
| 3CB-182 | 566x9006B2 | 56 | 2.00 | 1.60 | 1.36 | 1.00 |

TYPE 150D 10WVDC-13VDC SURGE ± 10% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-164 | 395x9010A2 | 3.9 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-166 | 475x9010A2 | 3.9 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-178 | 276x9010B2 | 27 | 2.00 | 1.60 | 1.36 | 1.00 |
| 3CB-179 | 336x9010B2 | 33 | 2.00 | 1.60 | 1.36 | 1.00 |
| 3CB-180 | 396x9010B2 | 39 | 2.00 | 1.60 | 1.36 | 1.00 |

TYPE 150D 15WVDC-18VDC SURGE ± 10% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-160 | 275x9015A2 | 2.7 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-162 | 335x9015A2 | 3.3 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-176 | 186x9015B2 | 18 | 2.00 | 1.60 | 1.36 | 1.00 |
| 3CB-177 | 226x9015B2 | 22 | 2.00 | 1.60 | 1.36 | 1.00 |

TYPE 150D 10 WVDC-13 VDC SURGE ± 20% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-33 | 224x0010A2 | .22 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-34 | 334x0010A2 | .33 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-35 | 474x0010A2 | .47 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-36 | 684x0010A2 | .68 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-37 | 105x0010A2 | 1.0 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-38 | 155x0010A2 | 1.5 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-39 | 225x0010A2 | 2.2 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-40 | 335x0010A2 | 3.3 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-41 | 475x0010A2 | 4.7 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-42 | 685x0010B2 | 6.8 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-43 | 106x0010B2 | 10 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-44 | 156x0010B2 | 15 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-45 | 226x0010B2 | 22 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-46 | 336x0010B2 | 33 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-47 | 406x0010B2 | 40 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-48 | 686x0010R2 | 68 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-49 | 107x0010R2 | 100 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-50 | 127x0010R2 | 120 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-51 | 157x0010S2 | 150 | 4.72 | 3.78 | 3.19 | 2.47 |
| 3CB-52 | 227x0010S2 | 220 | 4.72 | 3.78 | 3.19 | 2.47 |

TYPE 150D 20WVDC-23 VDC SURGE ± 20% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-------|------|-------|-------|---------|
| 3CB-71 | 472x0020A2 | .0047 | 1.32 | 1.06 | .90 | .74 |
| 3CB-72 | 682x0020A2 | .0068 | 1.32 | 1.06 | .90 | .74 |
| 3CB-73 | 103x0020A2 | .01 | 1.32 | 1.06 | .90 | .74 |
| 3CB-74 | 153x0020A2 | .015 | 1.32 | 1.06 | .90 | .74 |
| 3CB-75 | 223x0020A2 | .022 | 1.32 | 1.06 | .90 | .74 |
| 3CB-76 | 333x0020A2 | .033 | 1.32 | 1.06 | .90 | .74 |
| 3CB-77 | 473x0020A2 | .047 | 1.32 | 1.06 | .90 | .74 |
| 3CB-78 | 683x0020A2 | .068 | 1.32 | 1.06 | .90 | .74 |
| 3CB-79 | 104x0020A2 | 1.0 | 1.32 | 1.06 | .90 | .74 |
| 3CB-80 | 154x0020A2 | 1.5 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-81 | 224x0020A2 | 2.2 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-82 | 334x0020A2 | 3.3 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-83 | 474x0020A2 | 4.7 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-84 | 684x0020A2 | 6.8 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-85 | 105x0020A2 | 1.0 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-86 | 155x0020A2 | 1.5 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-87 | 225x0020A2 | 2.2 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-88 | 335x0020B2 | 3.3 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-89 | 475x0020B2 | 4.7 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-90 | 685x0020B2 | 6.8 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-91 | 106x0020B2 | 10 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-92 | 156x0020B2 | 15 | 1.54 | 1.24 | 1.05 | .77 |
| 3CB-93 | 226x0020R2 | 22 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-94 | 336x0020R2 | 33 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-95 | 476x0020R2 | 47 | 2.54 | 2.04 | 1.72 | 1.26 |
| 3CB-96 | 686x0020S2 | 68 | 4.72 | 3.78 | 3.19 | 2.47 |
| 3CB-97 | 107x0020S2 | 100 | 4.72 | 3.78 | 3.19 | 2.47 |

TYPE 150D 20WVDC-23VDC SURGE ± 10% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-152 | 125x9020A2 | 1.2 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-154 | 155x9020A2 | 1.5 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-156 | 185x9020A2 | 1.8 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-158 | 225x9020A2 | 2.2 | 1.92 | 1.54 | 1.30 | .97 |
| 3CB-172 | 825x9020B2 | 8.2 | 2.00 | 1.60 | 1.36 | 1.00 |
| 3CB-173 | 106x9020B2 | 10 | 2.00 | 1.60 | 1.36 | 1.00 |
| 3CB-174 | 126x9020B2 | 12 | 2.00 | 1.60 | 1.36 | 1.00 |
| 3CB-175 | 156x9020B2 | 15 | 2.00 | 1.60 | 1.36 | 1.00 |

TYPE 150D 35WVDC-40VDC SURGE ± 10% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-------|------|-------|-------|---------|
| 3CB-123 | 472x9035A2 | .0047 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-124 | 682x9035A2 | .0068 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-125 | 103x9035A2 | .01 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-126 | 153x9035A2 | .015 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-127 | 223x9035A2 | .022 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-128 | 333x9035A2 | .033 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-129 | 473x9035A2 | .047 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-130 | 683x9035A2 | .068 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-131 | 104x9035A2 | 1.0 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-132 | 154x9035A2 | 1.5 | 1.72 | 1.38 | 1.17 | .96 |

TYPE 150D 35 WVDC-40 VDC SURGE ± 20% TOLERANCE

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-------|------|-------|-------|---------|
| 3CB-98 | 472x0035A2 | .0047 | 1.72 | 1.38 | 1.17 | .96 |
| 3CB-99 | 682x0035A2 | .0068 | 1.32 | 1.06 | .90 | .74 |
| 3CB-100 | 103x0035A2 | .01 | 1.32 | 1.06 | .90 | .74 |
| 3CB-101 | 153x0035A2 | .015 | 1.32 | 1.06 | .90 | .74 |
| 3CB-102 | 223x0035A2 | .022 | 1.32 | 1.06 | .90 | .74 |
| 3CB-103 | 333x0035A2 | .033 | 1.32 | 1.06 | .90 | .74 |
| 3CB-104 | 473x0035A2 | .047 | 1.32 | 1.06 | .90 | .74 |
| 3CB-105 | 683x0035A2 | .068 | 1.32 | 1.06 | .90 | .74 |
| 3CB-106 | 104x0035A2 | 1.0 | 1.32 | 1.06 | .90 | .74 |
| 3CB-107 | 154x0035A2 | 1.5 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-108 | 224x0035A2 | 2.2 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-109 | 334x0035A2 | 3.3 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-110 | 474x0035A2 | 4.7 | 1.48 | 1.19 | 1.01 | .75 |

| STOCK No. | 150D No. | µF | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|-----|------|-------|-------|---------|
| 3CB-111 | 684x0035A2 | .68 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-112 | 105x0035A2 | 1.0 | 1.48 | 1.19 | 1.01 | .75 |
| 3CB-113 | 155x | | | | | |

MALLORY TANTALUM CAPACITORS



TAS SOLID ELECTROLYTE

Commercial equivalent to MIL-C-26655/2, CS12 (uninsulated) and CS13 (insulated). Sintered anode-sold electrolyte in hermetically sealed miniature metal case. ± 20% tolerance (± 10% tolerances available on request). Values with (*) are preferred MIL types. Size: (A) .125 dia. x .250, (C) .175 dia. x .438, (F) .279 dia. x .650, (G) .341 dia. x .750. For MYLAR Insul. sleeve, add .02 to prices shown and change next-to-last type number to "1". (Example: TAS 334 M006P1A).

6WVDC—8VDC SURGE

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-597 | 334M006POA | .33 | 1.43 | 1.15 | .98 .73 |
| 3CB-602 | 474M006POA | .47 | 1.43 | 1.15 | .98 .73 |
| 3CB-607 | 684M006POA | .68 | 1.43 | 1.15 | .98 .73 |
| 3CB-612 | 105M006POA | 1.0 | 1.43 | 1.15 | .98 .73 |
| 3CB-657 | 155M006POA | 1.5 | 1.43 | 1.15 | .98 .73 |
| 3CB-662 | 225M006POA | 2.2 | 1.43 | 1.15 | .98 .73 |
| 3CB-667 | 335M006POA | 3.3 | 1.43 | 1.15 | .98 .73 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-672 | 475M006POA | 4.7 | 1.43 | 1.15 | .98 .73 |
| 3CB-677 | 685M006POA | 6.8 | 1.43 | 1.15 | .98 .73 |
| 3CB-617 | 106M006POC | 10 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-622 | 156M006POC | 15 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-627 | 226M006POC | 22 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-632 | 336M006POC | 33 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-637 | 476M006POC | 47 | 1.52 | 1.22 | 1.03 .75 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-642 | 626M006POF | 68 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-647 | 107M006POF | 100 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-651 | 157M006POF | 150 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-654 | 227M006POG | 220 | 4.64 | 3.72 | 3.14 2.45 |
| 3CB-656 | 337M006POG | 330 | 4.64 | 3.72 | 3.14 2.45 |

10WVDC—12VDC SURGE

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-598 | 334M010POA | .33 | 1.43 | 1.15 | .98 .73 |
| 3CB-603 | 474M010POA | .47 | 1.43 | 1.15 | .98 .73 |
| 3CB-608 | 684M010POA | .68 | 1.43 | 1.15 | .98 .73 |
| 3CB-613 | 105M010POA | 1.0 | 1.43 | 1.15 | .98 .73 |
| 3CB-658 | 155M010POA | 1.5 | 1.43 | 1.15 | .98 .73 |
| 3CB-663 | 225M010POA | 2.2 | 1.43 | 1.15 | .98 .73 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-668 | 335M010POA | 3.3 | 1.43 | 1.15 | .98 .73 |
| 3CB-673 | 475M010POA | 4.7 | 1.43 | 1.15 | .98 .73 |
| 3CB-645 | 685M010POC | 6.8 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-618 | 106M010POC | 10 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-623 | 156M010POC | 15 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-628 | 226M010POC | 22 | 1.52 | 1.22 | 1.03 .75 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-633 | 336M010POC | 33 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-638 | 476M010POF | 47 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-643 | 686M010POF | 68 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-648 | 107M010POF | 100 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-652 | 157M010POG | 150 | 4.64 | 3.72 | 3.14 2.45 |
| 3CB-655 | 227M010POG | 220 | 4.64 | 3.72 | 3.14 2.45 |

15WVDC—17VDC SURGE

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-599 | 334M015POA | .33 | 1.43 | 1.15 | .98 .73 |
| 3CB-604 | 474M015POA | .47 | 1.43 | 1.15 | .98 .73 |
| 3CB-609 | 684M015POA | .68 | 1.43 | 1.15 | .98 .73 |
| 3CB-614 | 105M015POA | 1.0 | 1.43 | 1.15 | .98 .73 |
| 3CB-659 | 155M015POA | 1.5 | 1.43 | 1.15 | .98 .73 |
| 3CB-664 | 225M015POA | 2.2 | 1.43 | 1.15 | .98 .73 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-669 | 335M015POA | 3.3 | 1.43 | 1.15 | .98 .73 |
| 3CB-646 | 475M015POC | 4.7 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-679 | 685M015POC | 6.8 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-619 | 106M015POC | 10 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-624 | 156M015POC | 15 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-629 | 226M015POC | 22 | 1.52 | 1.22 | 1.03 .75 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-634 | 336M015POF | 33 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-639 | 476M015POF | 47 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-644 | 686M015POF | 68 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-649 | 107M015POG | 100 | 4.64 | 3.72 | 3.14 2.45 |
| 3CB-653 | 157M015POG | 150 | 4.64 | 3.72 | 3.14 2.45 |

20WVDC—23VDC SURGE

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-788 | 684M020POA | .68 | 1.43 | 1.15 | .98 .73 |
| 3CB-789 | 155M020POA | 1.5 | 1.43 | 1.15 | .98 .73 |
| 3CB-790 | 225M020POA | 2.2 | 1.43 | 1.15 | .98 .73 |
| 3CB-791 | 475M020POC | 4.7 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-792 | 685M020POC | 6.8 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-793 | 106M020POC | 10 | 1.52 | 1.22 | 1.03 .75 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-794 | 156M020POC | 15 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-795 | 226M020POF | 22 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-796 | 336M020POF | 33 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-797 | 476M020POF | 47 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-798 | 686M020POG | 68 | 4.64 | 3.72 | 3.14 2.45 |
| 3CB-799 | 107M020POG | 100 | 4.64 | 3.72 | 3.14 2.45 |

35WVDC—41VDC SURGE

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-601* | 334M035POA | .33 | 1.43 | 1.15 | .98 .73 |
| 3CB-606* | 474M035POA | .47 | 1.43 | 1.15 | .98 .73 |
| 3CB-611* | 684M035POA | .68 | 1.43 | 1.15 | .98 .73 |
| 3CB-616* | 105M035POA | 1.0 | 1.43 | 1.15 | .98 .73 |
| 3CB-661* | 155M035POC | 1.5 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-666* | 225M035POC | 2.2 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-671* | 335M035POC | 3.3 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-676* | 475M035POC | 4.7 | 1.52 | 1.22 | 1.03 .75 |

| Stock No. | TAS Type | NET EACH | | | |
|-----------|------------|----------|------|-------|-----------|
| | | MFD. | 1-24 | 25-49 | 50-99 499 |
| 3CB-681* | 685M035POC | 6.8 | 1.52 | 1.22 | 1.03 .75 |
| 3CB-621* | 106M035POF | 10 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-626* | 156M035POF | 15 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-631* | 226M035POF | 22 | 2.50 | 2.00 | 1.69 1.24 |
| 3CB-636* | 336M035POG | 33 | 4.64 | 3.72 | 3.14 2.45 |
| 3CB-641* | 476M035POG | 47 | 4.64 | 3.72 | 3.14 2.45 |
| 3CB-646 | 686M035POG | 68 | 4.64 | 3.72 | 3.14 2.45 |

TAM-SOLID ELECTROLYTE

Sintered anode-sold electrolyte plastic encapsulated. Temp. range: —55° to +85°C. ± 20% tol. Parallel leads .175 spacing. SIZE: $\frac{3}{16}$ " square x $\frac{1}{8}$ " thick.

| Stock No. | TAM Type | MFD. | WVDC |
|-----------|------------|------|------|
| 3CB-682 | 685M025PSC | 6.8 | 25 |
| 3CB-683 | 106M025PSC | 10 | 25 |
| 3CB-684 | 156M025PSC | 15 | 25 |
| 3CB-685 | 226M015PSC | 22 | 15 |
| 3CB-686 | 336M010PSC | 33 | 10 |
| 3CB-687 | 396M010PSC | 39 | 10 |
| 3CB-688 | 566M006PSC | 56 | 6 |

1-24, EACH 1.20 25-49 EACH .96
50-99, EACH .82 100-499 EACH .69

SUBMINIATURE PELLET ANODE

TNT, TAP, TAH are subminiature pellet anode types. Liquid electrolyte sintered anode, with metal case and epoxy end seal. CASE SIZES: TNT, .165 dia. x (A) .350 and (B) .500; TAP & TAH, .238 dia. x (A) .500, (B) .660, and (C) .875 length. Add .05 to prices shown for MYLAR sleeve.

| Stock No. | TNT Type | WVDC | Net Each | | | |
|-----------|------------|------|----------|------|-------|-----------|
| | | | MFD | 1-24 | 25-49 | 50-99 499 |
| 3CB-564 | 205U050POA | 2 | 50 | 1.24 | .99 | .84 .71 |
| 3CB-563 | 405U050POA | 4 | 50 | 1.24 | .99 | .84 .71 |
| 3CB-562 | 605U035POA | 6 | 35 | 1.24 | .99 | .84 .71 |
| 3CB-553 | 805U050POB | 8 | 50 | 1.46 | 1.17 | .99 .84 |
| 3CB-561 | 126U015POA | 12 | 15 | 1.24 | .99 | .84 .71 |
| 3CB-800 | 126U035POB | 12 | 35 | 1.46 | 1.17 | .99 .84 |
| 3CB-554 | 156U030POB | 15 | 30 | 1.46 | 1.17 | .99 .84 |
| 3CB-560 | 256U006POA | 25 | 6 | 1.24 | .99 | .84 .71 |
| 3CB-555 | 256U015POB | 25 | 15 | 1.46 | 1.17 | .99 .84 |
| 3CB-801 | 356U012POB | 35 | 12 | 1.46 | 1.17 | .99 .84 |
| 3CB-559 | 406U003POA | 40 | 3 | 1.24 | .99 | .84 .71 |
| 3CB-556 | 506U006POB | 50 | 6 | 1.46 | 1.17 | .99 .84 |
| 3CB-557 | 806U003POB | 80 | 3 | 1.46 | 1.17 | .99 .84 |

| Stock No. | TAP Type | WVDC | Net Each | | | |
|-----------|------------|------|----------|------|-------|------------|
| | | | MFD | 1-24 | 25-49 | 50-99 499 |
| 3CB-565 | 205U090POA | 2 | 90 | 1.46 | 1.17 | .99 .84 |
| 3CB-566 | 355U075POA | 3.5 | 75 | 1.46 | 1.17 | .99 .84 |
| 3CB-567 | 405U060POA | 4 | 60 | 1.46 | 1.17 | .99 .84 |
| 3CB-568 | 505U050POA | 5 | 50 | 1.46 | 1.17 | .99 .84 |
| 3CB-569 | 605U040POA | 6 | 40 | 1.46 | 1.17 | .99 .84 |
| 3CB-570 | 805U030POA | 8 | 30 | 1.46 | 1.17 | .99 .84 |
| 3CB-571 | 106U025POA | 10 | 25 | 1.46 | 1.17 | .99 .84 |
| 3CB-802 | 116U090POB | 11 | 90 | 2.46 | 1.97 | 1.66 1.415 |
| 3CB-572 | 126U020POA | 12 | 20 | 1.46 | 1.17 | .99 .84 |
| 3CB-573 | 156U015POA | 15 | 15 | 1.46 | 1.17 | .99 .84 |
| 3CB-803 | 156U075POB | 15 | 75 | 2.46 | 1.97 | 1.66 1.415 |
| 3CB-574 | 206U010POA | 20 | 10 | 1.46 | 1.17 | .99 .84 |
| 3CB-804 | 206U060POB | 20 | 60 | 2.46 | 1.97 | 1.66 1.415 |
| 3CB-805 | 256U050POB | 25 | 50 | 2.46 | 1.97 | 1.66 1.415 |

| Stock No. | TAH Type | WVDC | Net Each | | | |
|-----------|------------|------|----------|------|-------|-----------|
| | | | MFD | 1-24 | 25-49 | 50-99 499 |
| 3CB-806 | 205R060POA | 2 | 60 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-807 | 355R050POA | 3.5 | 50 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-808 | 505R030POA | 5 | 30 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-809 | 605R025POA | 6 | 25 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-810 | 805R020POA | 8 | 20 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-811 | 106R015POA | 10 | 15 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-812 | 116R060POB | 11 | 60 | 3.68 | 2.94 | 2.49 2.12 |
| 3CB-813 | 126R013POA | 12 | 13 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-814 | 156R015POA | 15 | 10 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-815 | 156R050POB | 15 | 50 | 3.68 | 2.94 | 2.49 2.12 |
| 3CB-816 | 206R070POA | 20 | 7 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-817 | 206R040POB | 20 | 40 | 3.68 | 2.94 | 2.49 2.12 |
| 3CB-818 | 306R004POA | 30 | 4 | 2.20 | 1.75 | 1.48 1.26 |
| 3CB-819 | 306R060POC | 30 | 60 | 7.05 | 5.65 | 4.76 4.50 |
| 3CB-820 | 406R020POB | 40 | 20 | 3.68 | 2.94 | 2.49 2.12 |
| 3CB-821 | 406R050POC | 40 | 50</ | | | |

MALLORY TANTALUM CAPACITORS

CORNELL-DUBILIER CAPACITORS

TANTALUM FOIL CAPACITORS

Plain tantalum foil capacitors. Range .5 to 440 mfd.; ±20% tolerance. Temperature range -55° to +85°C. TAF case size designated by last letter of type No.: Uninsulated: A = 3/16" Dia x 1/4" L; B = 1/8" Dia x 3/16" L; C = 3/16" Dia x 1/4" L; D = 3/16" Dia x 2 1/4" L.

E = 3/16" Dia x 2 3/4" L. Available with Mylar insulating sleeve on special order. Specify "with Mylar sleeve." Change TAF 12th digit number from zero to I or CL-34 to CL-35 and add 10c to each price. Av. shpg. wt., 3 oz.

TAF PLORIZED

| Stock No. | Mfd. | WVOC | TAF No. | MIL Type | Size | Stock No. | Mfd. | WVOC | TAF No. | MIL Type | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|-------|------------|--------------|------|---|------|------|------------|--------------|------|------|------|-------|-------|---------|---|------|------|------|------|---|------|------|------|------|---|-------|------|------|------|---|-------|------|------|------|---|-------|-------|------|------|
| 3CB-691 | .5 | 150 | 504M150POA | CL34BQ0R5MP3 | A | 3CB-769 | 28 | 75 | 286M075POD | CL34BL280MP3 | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-692 | .8 | 100 | 804M100POA | CL34BN0R8MP3 | A | 3CB-772 | 30 | 6 | 306M006POB | CL34BB300MP3 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-693 | 1.0 | 75 | 105M075POA | CL34BL010MP3 | A | 3CB-770 | 30 | 30 | 306M030POC | CL34BH300MP3 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-694 | 1.0 | 150 | 105M150POB | | B | 3CB-771 | 30 | 100 | 306M100POE | CL34BN300MP3 | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-695 | 1.2 | 60 | 125M060POA | | A | 3CB-773 | 35 | 6 | 356M006POB | | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-696 | 1.5 | 50 | 155M050POA | CL34BJ1R5MP3 | A | 3CB-772 | 35 | 25 | 356M025POC | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-697 | 2.0 | 150 | 205M150POB | CL34BQ020MP3 | B | 3CB-773 | 40 | 50 | 406M050POD | CL34BJ400MP3 | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-698 | 2.5 | 30 | 255M030POA | CL34BH2R5MP3 | A | 3CB-774 | 40 | 75 | 406M075POE | CL34BL400MP3 | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-699 | 3 | 25 | 305M025POA | | A | 3CB-774 | 50 | 3 | 506M003POB | CL34BA500MP3 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-700 | 3 | 100 | 305M100POB | CL34BN030MP3 | B | 3CB-775 | 55 | 15 | 556M015POC | CL34BE550MP3 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-701 | 4 | 75 | 405M075POB | CL34BL040MP3 | B | 3CB-782 | 55 | 50 | 556M050POE | CL34BJ550MP3 | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-704 | 4 | 150 | 405M150POB | CL34BQ040MP3 | B | 3CB-783 | 60 | 30 | 606M030POD | CL34BB600MP3 | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-702 | 4.5 | 15 | 455M015POA | CL34BE4R5MP3 | A | 3CB-784 | 80 | 10 | 806M010POC | CL34BD800MP3 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-703 | 5 | 60 | 505M060POB | | B | 3CB-776 | 85 | 30 | 856M030POE | CL34BH850MP3 | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-704 | 6 | 10 | 605M010POA | CL34BD060MP3 | A | 3CB-777 | 100 | 6 | 107M006POC | CL34BB101MP3 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-705 | 6 | 50 | 605M050POB | CL34BJ060MP3 | B | 3CB-778 | 100 | 25 | 107M025POE | | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-706 | 8 | 6 | 805M006POA | CL34BB080MP3 | A | 3CB-779 | 160 | 3 | 167M003POC | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-762 | 8 | 150 | 805M150POD | CL34BQ080MP3 | D | 3CB-780 | 160 | 10 | 167M010POD | CL34BD161MP3 | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-707 | 10 | 3 | 106M003POA | CL34BA100MP3 | A | 3CB-781 | 200 | 6 | 207M006POD | CL34BB201MP3 | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-708 | 10 | 30 | 106M030POB | | B | 3CB-785 | 220 | 10 | 227M010POE | CL34BD221MP3 | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-763 | 10 | 100 | 106M100POC | | C | 3CB-786 | 300 | 6 | 307M006POE | CL34BB301MP3 | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-709 | 12 | 25 | 126M025POB | | B | 3CB-787 | 440 | 3 | 447M003POE | | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-764 | 12 | 150 | 126M150POD | CL34BQ120MP3 | D | <table border="1"> <thead> <tr> <th>Size</th> <th>1-24</th> <th>25-49</th> <th>50-99</th> <th>100-499</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>4.20</td> <td>2.55</td> <td>1.90</td> <td>1.40</td> </tr> <tr> <td>B</td> <td>6.60</td> <td>3.65</td> <td>2.75</td> <td>2.00</td> </tr> <tr> <td>C</td> <td>10.40</td> <td>5.80</td> <td>4.35</td> <td>3.15</td> </tr> <tr> <td>D</td> <td>14.60</td> <td>8.10</td> <td>6.10</td> <td>4.45</td> </tr> <tr> <td>E</td> <td>19.60</td> <td>10.85</td> <td>8.15</td> <td>5.95</td> </tr> </tbody> </table> | | | | | | Size | 1-24 | 25-49 | 50-99 | 100-499 | A | 4.20 | 2.55 | 1.90 | 1.40 | B | 6.60 | 3.65 | 2.75 | 2.00 | C | 10.40 | 5.80 | 4.35 | 3.15 | D | 14.60 | 8.10 | 6.10 | 4.45 | E | 19.60 | 10.85 | 8.15 | 5.95 |
| Size | 1-24 | 25-49 | 50-99 | 100-499 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | 4.20 | 2.55 | 1.90 | 1.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | 6.60 | 3.65 | 2.75 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | 10.40 | 5.80 | 4.35 | 3.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | 14.60 | 8.10 | 6.10 | 4.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | 19.60 | 10.85 | 8.15 | 5.95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-765 | 14 | 75 | 146M075POC | CL34BL140MP3 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-710 | 18 | 15 | 186M015POB | CL34BE180MP3 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-766 | 20 | 50 | 206M050POC | CL34BJ200MP3 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-767 | 20 | 100 | 206M100POD | CL34BQ200MP3 | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-768 | 20 | 150 | 206M150POE | CL34BD200MP3 | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3CB-711 | 25 | 10 | 256M010POB | CL34BD250MP3 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TAF NON-POLARIZED

| Stock No. | TAF Type | Mfd. | WV | OC | 1-24 | 25-49 | 50-99 | 100-499 | Stock No. | TAF Type | Mfd. | WV | OC | 1-24 | 25-49 | 50-99 | 100-499 |
|-----------|------------|------|----|------|------|-------|-------|---------|------------|----------|------|------|------|------|-------|-------|---------|
| 3CB-715 | 205M075NOB | 2.0 | 75 | 6.60 | 3.65 | 2.75 | 2.00 | 3CB-721 | 505M060NOA | 5.0 | 6 | 4.20 | 2.55 | 1.90 | 1.40 | | |
| 3CB-716 | 255M015NOA | 2.5 | 15 | 4.20 | 2.55 | 1.90 | 1.40 | 3CB-722 | 604M060NOA | .6 | 60 | 4.20 | 2.55 | 1.90 | 1.40 | | |
| 3CB-717 | 255M060NOB | 2.5 | 60 | 6.60 | 3.65 | 2.75 | 2.00 | 3CB-723 | 804M050NOA | .8 | 50 | 4.20 | 2.55 | 1.90 | 1.40 | | |
| 3CB-718 | 305M010NOA | 3.0 | 10 | 4.20 | 2.55 | 1.90 | 1.40 | 3CB-724 | 106M015NOB | 10 | 15 | 6.60 | 3.65 | 2.75 | 2.00 | | |
| 3CB-719 | 305M050NOB | 3.0 | 50 | 6.60 | 3.65 | 2.75 | 2.00 | 3CB-725 | 166M010NOB | 16 | 10 | 6.60 | 3.65 | 2.75 | 2.00 | | |
| 3CB-720 | 504M075NOA | .5 | 75 | 4.20 | 2.55 | 1.90 | 1.40 | 3CB-726 | 256M060NOB | 25 | 6 | 6.60 | 3.65 | 2.75 | 2.00 | | |



MALLORY "HC" HIGH CAPACITY DRY ELECTROLYTIC CAPACITORS

High quality, etch-plate electrolytic capacitors supplied in a moisture-resistant plastic case incorporating a newly designed silicone vent for proper venting without loss of electrolytic. Temperature range -40° to +85°C.

Tolerance: up to 150 Volts DC -10% to +100%; above 150 volts DC -10% to +50%. All units feature screw terminals except HC1000A which has solder lug terminals. Supplied with VR bracket for vertical mounting. Vary in size from 1 1/4" x 2 3/4" to 2 1/4" x 4 1/4".

| No. | HC No. | Mfd. | WVDC | 1-9 | 10-24 | 25-49 | 50-99 | 100-249 | No. | HC No. | Mfd. | WVDC | 1-9 | 10-24 | 25-49 | 50-99 | 100-249 |
|---------|--------|-------|------|------|-------|-------|-------|---------|---------|--------|------|------|------|-------|-------|-------|---------|
| 3CB-727 | 1020A | 2000 | 10 | 3.36 | 2.88 | 1.68 | 1.30 | 1.15 | 3CB-739 | 2540A | 4000 | 25 | 5.58 | 4.79 | 2.79 | 2.15 | 1.91 |
| 3CB-728 | 1040A | 4000 | 10 | 4.60 | 3.95 | 2.30 | 1.78 | 1.58 | 3CB-740 | 4040A | 4000 | 40 | 6.98 | 5.99 | 3.49 | 2.69 | 2.39 |
| 3CB-729 | 1060A | 6000 | 10 | 5.20 | 4.46 | 2.60 | 2.00 | 1.78 | 3CB-741 | 4040A | 4000 | 40 | 6.98 | 5.99 | 3.49 | 2.69 | 2.39 |
| 3CB-730 | 10100 | 10000 | 10 | 7.81 | 6.69 | 3.90 | 3.01 | 2.68 | 3CB-742 | 5005A | 500 | 50 | 3.33 | 2.85 | 1.66 | 1.28 | 1.14 |
| 3CB-731 | 1520A | 2000 | 15 | 3.47 | 2.97 | 1.73 | 1.34 | 1.19 | 3CB-743 | 5005A | 500 | 50 | 3.33 | 2.85 | 1.66 | 1.28 | 1.14 |
| 3CB-732 | 1540A | 4000 | 15 | 5.37 | 4.61 | 2.69 | 2.07 | 1.84 | 3CB-744 | 5010A | 1000 | 50 | 4.25 | 3.65 | 2.13 | 1.64 | 1.46 |
| 3CB-733 | 1560A | 6000 | 15 | 5.62 | 4.82 | 2.81 | 2.17 | 1.93 | 3CB-745 | 5020A | 2000 | 50 | 5.06 | 4.34 | 2.53 | 1.93 | 1.73 |
| 3CB-734 | 2050 | 5000 | 20 | 8.00 | 6.86 | 4.00 | 3.09 | 2.74 | 3CB-746 | 5040A | 4000 | 50 | 7.32 | 6.27 | 3.66 | 2.82 | 2.51 |
| 3CB-735 | 2060 | 6000 | 20 | 6.11 | 5.24 | 3.05 | 2.36 | 2.09 | 3CB-747 | 15010 | 1000 | 150 | 6.44 | 5.52 | 3.22 | 2.48 | 2.21 |
| 3CB-736 | 2060A | 6000 | 20 | 6.11 | 5.24 | 3.05 | 2.36 | 2.09 | 3CB-748 | 15010A | 1000 | 150 | 6.44 | 5.52 | 3.22 | 2.48 | 2.21 |
| 3CB-737 | 2510A | 1000 | 25 | 3.19 | 2.73 | 1.59 | 1.23 | 1.09 | 3CB-749 | 20005A | 500 | 200 | 5.53 | 4.74 | 2.77 | 2.13 | 1.90 |
| 3CB-738 | 2520A | 2000 | 25 | 4.15 | 3.56 | 2.07 | 1.60 | 1.42 | 3CB-750 | 45003 | 300 | 450 | 8.47 | 7.26 | 4.24 | 3.27 | 2.90 |

*Aluminum can with solder lug terminals



"NP" NON-POLARIZED DRY ELECTROLYTIC CAPACITORS

Same as "HC" except non-polarized. Tolerance -25% to +25% (except NP3003 is -15% to +25%).

| Stock No. | NP No. | Mfd. | WV DC | 1-9 | 10-24 | 25-49 | 50-99 | 100-249 |
|-----------|--------|------|-------|------|-------|-------|-------|---------|
| 3CB-751 | 1225A | 200 | 125 | 4.04 | 3.47 | 2.02 | 1.56 | 1.39 |
| 3CB-752 | 1235A | 300 | 125 | 4.87 | 4.17 | 2.43 | 1.88 | 1.67 |
| 3CB-753 | 1255A | 500 | 125 | 6.30 | 5.40 | 3.15 | 2.43 | 2.16 |
| 3CB-754 | 3003A | 15 | 300 | 2.87 | 2.46 | 1.44 | 1.11 | .98 |
| 3CB-755 | 3008 | 50 | 300 | 5.25 | 4.50 | 2.63 | 2.03 | 1.80 |
| 3CB-756 | 3014A | 100 | 300 | 6.13 | 5.25 | 3.06 | 2.37 | 2.10 |
| 3CB-757 | 3025 | 200 | 300 | 7.00 | 6.00 | 3.50 | 2.70 | 2.40 |
| 3CB-758 | 4505 | 50 | 450 | 6.30 | 5.40 | 3.15 | 2.43 | 2.16 |
| 3CB-759 | 4510 | 100 | 450 | 7.70 | 6.60 | 3.85 | 2.97 | 2.64 |

SPRAGUE HYPASS CAPACITORS

Three terminal network feed-thru capacitors. Bypass VHF currents (up to 150Mc). Suppress TVI from short-wave transmitters, diathermy machines, etc. Reduce vibrator hash and harmonic radiation generator and regulator noise. Install leads in series with circuit being filtered and ground the case. Av. shpg. wt. 4 oz. * Have female screw terminals; + Bulkhead mounting

| Stock No. | Type No. | μF | Ampps | WVDC | Dia. | x L. | Net |
|-----------|----------|------|-------|------|-----------|------|------|
| CG-76 | 48P18* | .5 | 40 | 50 | 1x1 1/4 | | 2.23 |
| CG-10 | 48P8* | .1 | 20 | 600 | 1/2x1 1/4 | | 1.53 |
| CG-77 | 46P12 | .002 | 15 | 600 | 1/2x1 1/4 | | 1.26 |
| CG-11 | 80P3*+ | .1 | 20 | 600 | 1/2x1 1/4 | | 1.74 |
| CG-78 | 47P16 | .002 | 20 | 5000 | 1x1 1/4 | | 1.88 |



CORNELL-DUBILIER ULTRA-SMALL ALUMINUM CASES ELECTROLYTICS

Type NLW—Compact hermetically sealed aluminum foil electrolytic capacitors. With welded leads. Shpg. wt., 2 ozs. Diam. vary from 3/16" to 3/8", lengths from 3/8" to 1 1/2".

| Stock No. | μf | WVOC | 1-24 | 25-49 | 50-99 | 100-249 |
|-----------|-----|------|------|-------|-------|---------|
| CG-603 | 25 | 3 | .75 | .48 | .38 | .30 |
| CG-604 | 40 | 3 | .75 | .48 | .38 | .30 |
| CG-605 | 50 | 3 | .75 | .48 | .38 | .30 |
| CG-607 | 200 | 3 | .90 | .56 | .44 | .35 |
| CG-614 | 10 | 6 | .81 | .46 | .36 | .29 |
| CG-615 | 15 | 6 | .81 | .48 | .38 | .30 |
| CG-616 | 20 | 6 | .81 | .48 | .38 | .30 |
| CG-618 | 30 | 6 | .84 | .48 | .38 | .30 |
| CG-619 | 40 | 6 | .84 | .48 | .38 | .30 |
| CG-625 | 25 | 10 | .91 | .51 | .39 | .32 |
| CG-626 | 50 | 10 | .90 | .56 | .44 | .35 |
| CG-628 | 5 | 15 | .84 | .46 | .36 | .29 |
| CG-629 | 10 | 15 | .84 | .48 | .38 | .30 |
| CG-630 | 20 | 15 | .87 | .48 | .38 | .30 |
| CG-631 | 30 | 15 | .90 | .51 | .39 | .32 |
| CG-633 | 6 | 25 | .84 | .48 | .38 | .30 |
| CG-634 | 10 | 25 | .87 | .48 | .38 | .30 |
| CG-635 | 15 | 25 | .87 | .51 | .39 | .32 |
| CG-637 | 5 | 50 | .87 | .55 | .43 | .34 |
| CG-638 | 10 | 50 | .90 | .56 | .43 | .35 |
| CG-639 | 20 | 50 | .90 | .56 | .43 | .35 |

SERIES TWU - DEMICON MINIATURE METAL-CASED TUBULAR CAPACITORS

Hermetically sealed in metal cases with glass-to-metal seal terminals. Contains Dykanol U oil impregnant with -55° to +125°C temperature range. In underground basic style. All ±20% tol. Av. shpg. wt., 3 oz.

CENTRALAB CERAMIC CAPACITORS



CRL ID 500 WVDC CERAMIC DISCS

Ideal for by-pass coupling in high frequency circuits. All 500 WVDC. Tolerance all $\pm 10\%$ except * $\pm 20\%$, † ± 5 MMF, ‡ GMV, ** $\pm 80-20\%$. Sizes range from $\frac{1}{8}$ " to $\frac{3}{16}$ " diam. Avg. shgp. wt., 2 oz.

| Stock No. | CRL No. | Cap. MMF. | Stock No. | CRL No. | Cap. MMF. |
|-----------|---------|-----------|-----------|------------|-----------|
| CA-10 | ID-3R3† | 3.3 | CA-48 | ID-391 | 390 |
| CA-11 | ID-050 | 5 | CA-49 | ID-401 | 400 |
| CA-12 | ID-060 | 6 | CA-50 | ID-471 | 470 |
| CA-13 | ID-6R8 | 6.8 | CA-51 | ID-.00047‡ | 470 |
| CA-14 | ID-7R5 | 7.5 | CA-52 | ID-501 | 500 |
| CA-15 | ID-080 | 8 | CA-53 | ID-511 | 510 |
| CA-16 | ID-100 | 10 | CA-54 | ID-561 | 560 |
| CA-17 | ID-120 | 12 | CA-55 | ID-601 | 600 |
| CA-18 | ID-150 | 15 | CA-56 | ID-681 | 680 |
| CA-498 | ID-180 | 18 | CA-57 | ID-751 | 750 |
| CA-19 | ID-200 | 20 | CA-500 | ID-.0008‡ | 800 |
| CA-20 | ID-220 | 22 | CA-58 | ID-821 | 820 |
| CA-21 | ID-240 | 24 | CA-59 | ID-911 | 910 |
| CA-22 | ID-250 | 25 | CA-60 | ID-102 | 1000 |
| CA-23 | ID-270 | 27 | CA-61 | ID-.001‡ | 1000 |
| CA-24 | ID-300 | 30 | CA-62 | ID-122 | 1200 |
| CA-25 | ID-330 | 33 | CA-63 | ID-.0012‡ | 1200 |
| CA-26 | ID-390 | 39 | CA-64 | ID-132 | 1300 |
| CA-27 | ID-470 | 47 | CA-65 | ID-152 | 1500 |
| CA-28 | ID-500 | 50 | CA-66 | ID-.0015‡ | 1500 |
| CA-29 | ID-510 | 51 | CA-67 | ID-162 | 1600 |
| CA-30 | ID-560 | 56 | CA-68 | ID-182 | 1800 |
| CA-499 | ID-680 | 68 | CA-69 | ID-.002‡ | 2000 |
| CA-31 | ID-750 | 75 | CA-70 | ID-.0022‡ | 2200 |
| CA-32 | ID-820 | 82 | CA-71 | ID-.0025‡ | 2500 |
| CA-33 | ID-910 | 91 | CA-72 | ID-.0027‡ | 2700 |
| CA-34 | ID-101 | 100 | CA-73 | ID-.003‡ | 3000 |
| CA-35 | ID-121 | 120 | CA-74 | ID-.0033‡ | 3300 |
| CA-36 | ID-131 | 130 | CA-75 | ID-.0039‡ | 3900 |
| CA-37 | ID-151 | 150 | CA-76 | ID-.004‡ | 4000 |
| CA-38 | ID-181 | 180 | CA-77 | ID-.0043‡ | 4300 |
| CA-39 | ID-201 | 200 | CA-78 | ID-4722* | 4700 |
| CA-40 | ID-221 | 220 | CA-79 | ID-.0047‡ | 4700 |
| CA-41 | ID-241 | 240 | CA-80 | ID-.005‡ | 5000 |
| CA-42 | ID-251 | 250 | CA-81 | ID-.0056‡ | 5600 |
| CA-43 | ID-271 | 270 | CA-82 | ID-.0068‡ | 6800 |
| CA-44 | ID-301 | 300 | CA-83 | ID-.0075‡ | 7500 |
| CA-45 | ID-331 | 330 | CA-84 | ID-.0082‡ | 8200 |
| CA-46 | ID-351 | 350 | CA-85 | ID-1032* | .01 MFD |
| CA-47 | ID-361 | 360 | CA-86 | ID-.01‡ | .01 MFD |

NET EACH ANY ABOVE IN LOTS OF

| | | |
|------|-------|---------|
| 1-24 | 25-99 | 100-249 |
| .15 | .119 | .10 |

NET EACH IN LOTS OF

| Stock No. | CRL No. | Cap. MMF. | 1-24 | 25-99 | 100-249 |
|-----------|-----------|-----------|------|-------|---------|
| CA-87 | ID-.015** | .015 | .18 | .143 | .12 |
| CA-88 | ID-.02** | .02 | .18 | .143 | .12 |
| CA-89 | ID-203‡ | .02 | .35 | .285 | .24 |
| CA-90 | ID-.03** | .03 | .35 | .285 | .24 |
| CA-91 | ID-.04** | .04 | .35 | .285 | .24 |
| CA-92 | ID-.05** | .05 | .35 | .285 | .24 |

FEED-THRU HI KAPS

TYPE FT



Rated 500 WVDC, 1000 VDC test. Brass cad. plated double-flatted mounting bushing with 12-28 thread and nut. Tinned copper leads, .050". Tolerance $\pm 20\%$ except * is $\pm 50-20\%$. Overall size with leads $1\frac{1}{2} \times \frac{1}{2}$ ". Shgp. wt., 2 oz.

| Stock No. | CRL No. | Cap. MMF. | Price Schedule | |
|-----------|----------|-----------|----------------|----------|
| CA-355 | FT-500 | 500 | | |
| CA-356 | FT-1000 | 1000 | 1-24 | .73 ea. |
| CA-357 | FT-1500* | 1500 | 25-99 | .594 ea. |
| CA-358 | FT-1800* | 1800 | 100-249 | .50 ea. |
| CA-359 | FT-2300* | 2300 | | |

TYPE MFT



Miniature version of the FT. $\frac{1}{4}$ " max. flange diameter eyelet to be inserted in .160" dia. hole and soldered directly to chassis. Tolerance $\pm 10\%$ except * is $\pm 20\%$ and † is G.M.V.

| Stock No. | CRL No. | Cap. MMF. | Price Schedule | |
|-----------|-----------|-----------|----------------|----------|
| CA-351 | MFT-50 | 50 | | |
| CA-352 | MFT-100 | 100 | 1-24 | .29 ea. |
| CA-353 | MFT-500* | 1000 | 25-99 | .238 ea. |
| CA-354 | MFT-1000† | 500 | 100-249 | .20 ea. |



TYPE DD 1000 WVDC CERAMIC DISCS

Ideal for by-pass coupling in high frequency circuits. 1000 VDC working except DD-103, DD-153, DD-203, DD-303, DD-403, DD-503 which are 600 VDC working. Tolerance all $\pm 10\%$ except * $\pm 20\%$, † ± 5 MMF, ‡ GMV, ** $\pm 80-20\%$. Sizes range from $\frac{1}{8}$ " to $\frac{3}{16}$ " diam. Avg. shgp. wt., 2 oz.

| Stock No. | CRL No. | Cap. MMF. | Stock No. | CRL No. | Cap. MMF. |
|-----------|---------|-----------|-----------|----------|-----------|
| CA-93 | DD-3R3† | 3.3 | CA-142 | DD-401 | 400 |
| CA-94 | DD-050 | 5 | CA-145 | DD-471 | 470 |
| CA-95 | DD-060 | 6 | CA-150 | DD-471G‡ | 470 |
| CA-96 | DD-6R8 | 6.8 | CA-147 | DD-501 | 500 |
| CA-97 | DD-7R5 | 7.5 | CA-150 | DD-511 | 510 |
| CA-98 | DD-080 | 8 | CA-152 | DD-561 | 560 |
| CA-99 | DD-100 | 10 | CA-153 | DD-601 | 600 |
| CA-103 | DD-120 | 12 | CA-255 | DD-681 | 680 |
| CA-109 | DD-150 | 15 | CA-257 | DD-751 | 750 |
| CA-114 | DD-180 | 18 | CA-258 | DD-801‡ | 800 |
| CA-117 | DD-200 | 20 | CA-260 | DD-821 | 820 |
| CA-121 | DD-220 | 22 | CA-262 | DD-911 | 910 |
| CA-124 | DD-240 | 24 | CA-101 | DD-102 | 1000 |
| CA-504 | DD-250 | 25 | CA-502 | DD-120G‡ | 1000 |
| CA-130 | DD-270 | 27 | CA-102 | DD-122 | 1200 |
| CA-133 | DD-300 | 30 | CA-106 | DD-122G‡ | 1200 |
| CA-136 | DD-330 | 33 | CA-108 | DD-132 | 1300 |
| CA-140 | DD-390 | 39 | CA-111 | DD-152 | 1500 |
| CA-144 | DD-470 | 47 | CA-503 | DD-152G‡ | 1500 |
| CA-146 | DD-500 | 50 | CA-113 | DD-162 | 1600 |
| CA-149 | DD-510 | 51 | CA-116 | DD-182 | 1800 |
| CA-151 | DD-560 | 56 | CA-119 | DD-202‡ | 2000 |
| CA-154 | DD-680 | 68 | CA-123 | DD-222‡ | 2200 |
| CA-256 | DD-750 | 75 | CA-129 | DD-252‡ | 2500 |
| CA-259 | DD-820 | 82 | CA-132 | DD-272‡ | 2700 |
| CA-261 | DD-910 | 91 | CA-127 | DD-302‡ | 3000 |
| CA-100 | DD-101 | 100 | CA-505 | DD-332‡ | 3300 |
| CA-104 | DD-121 | 120 | CA-506 | DD-392‡ | 3900 |
| CA-107 | DD-131 | 130 | CA-507 | DD-402‡ | 4000 |
| CA-110 | DD-151 | 150 | CA-508 | DD-432‡ | 4300 |
| CA-115 | DD-181 | 180 | CA-509 | DD-472* | 4700 |
| CA-118 | DD-201 | 200 | CA-510 | DD-472G‡ | 4700 |
| CA-122 | DD-221 | 220 | CA-511 | DD-502‡ | 5000 |
| CA-125 | DD-241 | 240 | CA-247 | DD-5022* | 5000 |
| CA-128 | DD-251 | 250 | CA-512 | DD-562‡ | 5600 |
| CA-131 | DD-271 | 270 | CA-513 | DD-682‡ | 6800 |
| CA-134 | DD-301 | 300 | CA-514 | DD-752‡ | 7500 |
| CA-137 | DD-331 | 330 | CA-515 | DD-822‡ | 8200 |
| CA-138 | DD-351 | 350 | CA-102 | DD-103‡ | .01 MFD |
| CA-139 | DD-361 | 360 | CA-263 | DD-1032* | .01 MFD |
| CA-141 | DD-391 | 390 | | | |

NET EACH ANY ABOVE IN LOTS OF

| | | |
|------|-------|---------|
| 1-24 | 25-99 | 100-249 |
| .15 | .119 | .10 |

NET EACH IN LOTS OF

| Stock No. | CRL No. | Cap. MMF. | 1-24 | 25-99 | 100-249 |
|-----------|----------|-----------|------|-------|---------|
| CA-112 | DD-153** | .015 | .18 | .143 | .12 |
| CA-120 | DD-203** | .02 | .18 | .143 | .12 |
| CA-135 | DD-303** | .03 | .35 | .285 | .24 |
| CA-143 | DD-403** | .04 | .35 | .285 | .24 |
| CA-148 | DD-503** | .05 | .35 | .285 | .24 |

TYPE DD3 600 WVDC DUAL SECTION DISCS



Two individually shielded capacitors in one small case. All 600 WVDC. Tolerance GMV. Avg. shgp. wt., 2 oz.

| Stock No. | CRL No. | Cap. MMF. | Price Schedule | |
|-----------|---------|-----------|----------------|----------|
| CA-267 | DD3-102 | 2X .001 | | |
| CA-269 | DD3-152 | 2X .0015 | 1-24 | .29 ea. |
| CA-270 | DD3-202 | 2X .002 | 25-99 | .238 ea. |
| CA-271 | DD3-502 | 2X .005 | 100-249 | .20 ea. |
| CA-268 | DD3-103 | 2X .001 | | |

CRL DD-16 1600 WVDC CERAMIC DISCS

All tolerance GMV except DD16-153 is $\pm 80-20\%$. Avg. shgp. wt., 2 oz.

| Stock No. | CRL No. | Cap. MMF. | NET EACH IN LOTS OF | | |
|-----------|----------|-----------|---------------------|------|-----|
| CA-236 | DD16-302 | .003 | .21 | .166 | .14 |
| CA-237 | DD16-402 | .004 | .21 | .166 | .14 |
| CA-238 | DD16-502 | .005 | .21 | .166 | .14 |
| CA-239 | DD16-602 | .006 | .21 | .166 | .14 |
| CA-240 | DD16-702 | .007 | .21 | .166 | .14 |
| CA-241 | DD16-752 | .0075 | .21 | .166 | .14 |
| CA-242 | DD16-802 | .008 | .21 | .166 | .14 |
| CA-234 | DD16-103 | .01 | .21 | .166 | .14 |
| CA-235 | DD16-153 | .015 | .35 | .285 | .24 |



CRL DD-30 3000 WVDC DISC CERAMICS

Tolerance $\pm 20\%$, Avg. Shgp. wt., 2 ozs.

| Stock No. | CRL No. | Cap. MMF. | Stock No. | CRL No. | Cap. MMF. |
|-----------|----------|-----------|-----------|----------|-----------|
| CA-243 | DD30-4R7 | 4.7 | CA-167 | DD30-201 | 200 |
| CA-244 | DD30-6R8 | 6.8 | CA-168 | DD30-221 | 220 |
| CA-245 | DD30-8R2 | 8.2 | CA-169 | DD30-251 | 250 |
| CA-246 | DD30-100 | 10 | CA-170 | DD30-271 | 270 |
| CA-248 | DD30-120 | 12 | CA-171 | DD30-301 | 300 |
| CA-249 | DD30-150 | 15 | CA-172 | DD30-331 | 330 |
| CA-250 | DD30-220 | 22 | CA-173 | DD30-391 | 390 |
| CA-251 | DD30-250 | 25 | CA-174 | DD30-401 | 400 |
| CA-252 | DD30-270 | 27 | CA-175 | DD30-471 | 470 |
| CA-253 | DD30-300 | 30 | CA-176 | DD30-501 | 500 |
| CA-254 | DD30-330 | 33 | CA-177 | DD30-561 | 560 |
| CA-255 | DD30-390 | 39 | CA-178 | DD30-681 | 680 |
| CA-156 | DD30-470 | 47 | CA-179 | DD30-751 | 750 |
| CA-157 | DD30-500 | 50 | CA-180 | DD30-821 | 820 |
| CA-158 | DD30-560 | 56 | CA-183 | DD30-102 | 1000 |
| CA-159 | DD30-680 | 68 | CA-161 | DD30-122 | 1200 |
| CA-160 | DD30-750 | 75 | CA-182 | DD30-152 | 1500 |
| CA-161 | DD30-820 | 82 | CA-183 | DD30-202 | 2000 |
| CA-162 | DD30-101 | 100 | CA-184 | DD30-222 | 2200 |
| CA-164 | DD30-121 | 120 | CA-185 | DD30-252 | 2500 |
| CA-165 | DD30-151 | 150 | CA-186 | DD30-272 | 2700 |
| CA-166 | DD30-181 | 180 | | | |

NET EACH ANY OF ABOVE IN LOTS

| | | |
|------|-------|---------|
| 1-24 | 25-99 | 100-249 |
| .24 | .19 | .18 |

| Stock No. | CRL No. | Cap. MMF. | Price Schedule | |
|-----------|----------|-----------|----------------|----------|
| CA-187 | DD30-302 | 3000 | | |
| CA-188 | DD30-332 | 3300 | 1-24 | .29 ea. |
| CA-189 | DD30-392 | 3900 | 25-99 | .237 ea. |
| CA-190 | DD30-472 | 4700 | 100-249 | .20 ea. |
| CA-191 | DD30-502 | 5000 | | |



CRL DD60 6000 WVDC DISC CERAMICS

Tolerance $\pm 20\%$. Avg. shgp. wt., 2 oz.

| Stock No. | CRL No. | Cap. MMF. | Stock No. | CRL No. | Cap. MMF. |
|-----------|----------|-----------|-----------|----------|-----------|
| CA-192 | DD60-4R7 | 4.7 | CA-220 | DD60-101 | 100 |
| CA-193 | DD60-6R8 | 6.8 | CA-221 | DD60-121 | 120 |
| CA-204 | DD60-8R2 | 8.2 | CA-222 | DD60-151 | 150 |
| CA-205 | DD60-100 | 10 | CA-223 | DD60-181 | 180 |
| CA-206 | DD60-120 | 12 | CA-224 | DD60-201 | 200 |
| CA-207 | DD60-150 | 15 | CA-225 | DD60-221 | 220 |
| CA-208 | DD60-220 | 22 | CA-226 | DD60-251 | 250 |
| CA-209 | DD60-250 | 25 | CA-227 | DD60-271 | 270 |
| CA-210 | DD60-27 | | | | |

CENTRALAB CERAMIC CAPACITORS



TYPE D6 TUBULAR BC HI KAPS

Small moisture-proof ceramic capacitors providing extensive operation under extremes of moisture, temperature and vibration. Compact and mechanically strong, make ideal replacements for mica and paper tubular units in bypass and coupling circuits. Radial leads 1/2" long. Rated 600 WVDC-1500V flash test. Tolerance $\pm 10\%$, except $\dagger = 20\%$; $\ast = GMV$. # Quality for Mil-C-11015A. Approx. 1/2" dia. length varies from 1/2 to 1 3/4". Avg. shpg. wt., 2 oz.

| Stock No. | Mfrs. Type O6 | Cap mmf | Stock No. | Mfrs. Type O6 | Cap mmf |
|-----------|---------------|---------|-----------|---------------|---------|
| CA-272 | 030 | 3 | CA-298 | 301 | 300 |
| CA-273 | 050 | 5 | CA-299 | 331 | 330 |
| CA-274 | 100 | 10 | CA-300 | 391 | 390 |
| CA-516 | 120 | 12 | CA-301 | 401 | 400 |
| CA-275 | 150 | 15 | CA-302 | 471 | 470 |
| CA-276 | 180 | 18 | CA-303 | 501 | 500 |
| CA-277 | 200 | 20 | CA-304 | 561 | 560 |
| CA-278 | 220 | 22 | CA-305 | 601 | 600 |
| CA-279 | 250 | 25 | CA-306 | 681 | 680 |
| CA-280 | 270 | 27 | CA-307 | 751 | 750 |
| CA-281 | 330 | 33 | CA-308 | 821 | 820 |
| CA-282 | 390 | 39 | CA-309 | 102 | 1000 |
| CA-283 | 400 | 40 | CA-310 | 122 | 1200 |
| CA-284 | 470 | 47 | CA-311 | 152 | 1500 |
| CA-285 | 500 | 50 | CA-312 | 182 | 1800 |
| CA-286 | 560 | 56 | CA-313 | 202 | 2000 |
| CA-287 | 680 | 68 | CA-314 | 222 | 2200 |
| CA-288 | 750 | 75 | CA-315 | 252 | 2500 |
| CA-289 | 820 | 82 | CA-316 | 272 | 2700 |
| CA-290 | 910 | 91 | CA-317 | 302 | 3000 |
| CA-291 | 101 | 101 | CA-318 | 332 | 3300 |
| CA-292 | 121 | 120 | CA-319 | 402 | 4000 |
| CA-293 | 151 | 150 | CA-320 | 472 | 4700 |
| CA-294 | 181 | 180 | CA-321 | 502 | 5000 |
| CA-517 | 201 | 200 | CA-322 | 562 | 5600 |
| CA-295 | 221 | 220 | CA-324 | 682 | 6800 |
| CA-296 | 251 | 250 | CA-325 | 752 | 7500 |
| CA-297 | 271 | 270 | CA-326 | 103 | .01 |

Net Each Any Above in Lots of

| 1-24 | 25-99 | 100-249 | 250-499 | 500-999 |
|------|-------|---------|---------|---------|
| .15 | .12 | .10 | .075 | .056 |

LOW VOLTAGE CAPACITORS FOR TRANSISTOR APPLICATIONS

High capacity low voltage ceramic capacitors for transistor circuit applications. Durez resin insulation.



TYPE DA PLATE CAPACITORS

Size 1/2x1/2x1/4" thick. Tolerance -20% to +100% 30 WVDC. Shpg. wt., 2 oz.

| Stock No. | Mfrs. Type OA | Cap mmf | Net Price | | | | |
|-----------|---------------|---------|-----------|-------|---------|-------------|------|
| | | | 1-24 | 25-99 | 100-249 | 250-500-999 | |
| CA-265 | 203 | .02 | .36 | .28 | .24 | .18 | .135 |
| CA-266 | 503 | .05 | .81 | .64 | .54 | .405 | .304 |
| CA-264 | 104 | .10 | 1.35 | 1.07 | .90 | .675 | .506 |



TYPE DDA DISC CAPACITORS

3/8" dia. x 3/8" thick; tolerance -30% to +80%. 75 WVDC. Shpg. wt., 2 oz.

| Stock No. | Mfrs. Type OOA | Cap mmf | Net Price | | | | |
|-----------|----------------|---------|-----------|-------|---------|-------------|------|
| | | | 1-24 | 25-99 | 100-249 | 250-500-999 | |
| CA-335 | 503 | .05 | .21 | .16 | .14 | .105 | .079 |
| CA-336 | 104 | .10 | .60 | .47 | .40 | .30 | .225 |



TYPE UK AND UK10 ULTRA-KAPS

Miniature ceramic disc capacitors for transistor circuitry. For low voltages use requiring high capacities and low power factors. Double "Durez" insulation. UK rated 3 WVDC, tolerance GMV; UK-10 rated 10WVDC; tol. +80%, -20%. Shpg. wt., 2 oz.

TYPE UK

| Stock No. | Mfrs. Type | Cap mmf | Net Price | | | | |
|-----------|------------|---------|-----------|-------|---------|-------------|------|
| | | | 1-24 | 25-99 | 100-249 | 250-500-999 | |
| CA-327 | UK104 | .1 | .54 | .43 | .36 | .27 | .203 |
| CA-328 | UK223 | .22 | .33 | .26 | .22 | .165 | .124 |
| CA-329 | UK474 | .47 | .33 | .26 | .22 | .165 | .124 |
| CA-330 | UK105 | 1.0 | .54 | .43 | .36 | .27 | .203 |
| CA-331 | UK225 | 2.0 | .54 | .43 | .36 | .27 | .203 |

TYPE UK10

| | | | | | | | |
|--------|----------|-----|-----|------|-----|------|------|
| CA-332 | UK10-503 | .05 | .33 | .26 | .22 | .165 | .124 |
| CA-333 | UK10-104 | .1 | .33 | .26 | .22 | .165 | .124 |
| CA-334 | UK10-204 | .2 | .33 | .26 | .22 | .165 | .124 |
| CA-333 | UK10-474 | .47 | .53 | .428 | .36 | .24 | .203 |

CRL TEMPERATURE COMPENSATING TUBULAR CAPACITORS

Designed especially to limit frequency drift in r.f. circuits where temperature variations are prevalent. These capacitors are constructed with a ceramic body which changes capacity as the temperature varies.

1,200 volts DC test; 600 volts DC working. All are made to comply with the JAN-C-20A specifications. Extremely compact. Sizes: (A) .400" x .200" (B) .690" x .200" (C) .860" x .225" (D) 1.165" x .285" (E) 1.625" x .285". Shpg. wt., 2 oz.

TYPE TCZ NEGATIVE-POSITIVE-ZERO NPO TUBULAR CAPACITORS

Zero temperature coefficient from -20°C to +85°C. Tolerances: .5-3.3 mmf, ± 25 mmf; 4.7-10 mmf, ± 5 mmf; 12-100 mmf, $\pm 2\%$; 110-300 mmf, $\pm 5\%$.

| Stock No. | Type TCZ | Cap mmf | Size | 100-250-500-999 | | | | |
|-----------|----------|---------|------|-----------------|-------|-----|-----|-----|
| | | | | 1-24 | 25-99 | 249 | 499 | 999 |
| CA-409 | R5 | 5 | A | .30 | .24 | .20 | .15 | .11 |
| CA-410 | R68 | 68 | A | .30 | .24 | .20 | .15 | .11 |
| CA-411 | 1 | 1.0 | A | .30 | .24 | .20 | .15 | .11 |
| CA-412 | 1R5 | 1.5 | A | .30 | .24 | .20 | .15 | .11 |
| CA-413 | 2R2 | 2.2 | A | .30 | .24 | .20 | .15 | .11 |
| CA-414 | 3R3 | 3.3 | A | .30 | .24 | .20 | .15 | .11 |
| CA-415 | 4R7 | 4.7 | A | .30 | .24 | .20 | .15 | .11 |
| CA-416 | 6R8 | 6.8 | A | .30 | .24 | .20 | .15 | .11 |
| CA-417 | 10 | 10 | A | .30 | .24 | .20 | .15 | .11 |
| CA-418 | 12 | 12 | A | .30 | .24 | .20 | .15 | .11 |
| CA-419 | 15 | 15 | A | .30 | .24 | .20 | .15 | .11 |
| CA-420 | 18 | 18 | A | .30 | .24 | .20 | .15 | .11 |
| CA-421 | 20 | 20 | A | .30 | .24 | .20 | .15 | .11 |
| CA-422 | 22 | 22 | A | .30 | .24 | .20 | .15 | .11 |
| CA-423 | 24 | 24 | A | .30 | .24 | .20 | .15 | .11 |
| CA-424 | 25 | 25 | A | .30 | .24 | .20 | .15 | .11 |
| CA-425 | 27 | 27 | A | .30 | .24 | .20 | .15 | .11 |
| CA-426 | 30 | 30 | A | .30 | .24 | .20 | .15 | .11 |
| CA-427 | 33 | 33 | A | .30 | .24 | .20 | .15 | .11 |
| CA-428 | 36 | 36 | A | .30 | .24 | .20 | .15 | .11 |
| CA-429 | 39 | 39 | A | .30 | .24 | .20 | .15 | .11 |
| CA-430 | 43 | 43 | B | .30 | .24 | .20 | .15 | .11 |
| CA-431 | 47 | 47 | B | .30 | .24 | .20 | .15 | .11 |
| CA-432 | 50 | 50 | B | .30 | .24 | .20 | .15 | .11 |
| CA-433 | 51 | 51 | B | .30 | .24 | .20 | .15 | .11 |
| CA-434 | 56 | 56 | B | .30 | .24 | .20 | .15 | .11 |
| CA-435 | 62 | 62 | B | .30 | .24 | .20 | .15 | .11 |
| CA-436 | 68 | 68 | B | .30 | .24 | .20 | .15 | .11 |
| CA-437 | 75 | 75 | B | .30 | .24 | .20 | .15 | .11 |
| CA-438 | 82 | 82 | B | .30 | .24 | .20 | .15 | .11 |
| CA-439 | 91 | 91 | C | .30 | .24 | .20 | .15 | .11 |
| CA-440 | 100 | 100 | C | .30 | .24 | .20 | .15 | .11 |
| CA-441 | 110 | 110 | D | .45 | .36 | .30 | .20 | .17 |
| CA-442 | 120 | 120 | D | .45 | .36 | .30 | .20 | .17 |
| CA-443 | 130 | 130 | D | .45 | .36 | .30 | .20 | .17 |
| CA-444 | 150 | 150 | D | .45 | .36 | .30 | .20 | .17 |
| CA-445 | 160 | 160 | D | .45 | .36 | .30 | .20 | .17 |
| CA-446 | 180 | 180 | D | .45 | .36 | .30 | .20 | .17 |
| CA-447 | 200 | 200 | D | .45 | .36 | .30 | .20 | .17 |
| CA-448 | 220 | 220 | D | .45 | .36 | .30 | .20 | .17 |
| CA-449 | 240 | 240 | E | .60 | .45 | .40 | .30 | .22 |
| CA-518 | 270 | 270 | E | .60 | .45 | .40 | .30 | .22 |
| CA-450 | 300 | 300 | E | .60 | .45 | .40 | .30 | .22 |

TYPE DM MIN KAPS

1/2x1/2x1/4" thick; Triple Durez insulated. 150 WVDC. Tolerance: * is -50%. -20%; all other are -80-20%. Shpg. wt., 2 oz.

| Stock No. | Mfrs. Type | Cap mmf | 100-250-500-999 | | | | |
|-----------|------------|---------|-----------------|-------|-----|-----|------|
| | | | 1-24 | 25-99 | 249 | 499 | 999 |
| CA-337 | DM101 | .0001 | .30 | .24 | .20 | .15 | .113 |
| CA-338 | DM201 | .0002 | .30 | .24 | .20 | .15 | .113 |
| CA-339 | DM301 | .0003 | .30 | .24 | .20 | .15 | .113 |
| CA-340 | DM501 | .0005 | .30 | .24 | .20 | .15 | .113 |
| CA-341 | DM102 | .001 | .30 | .24 | .20 | .15 | .113 |
| CA-342 | DM202 | .002 | .30 | .24 | .20 | .15 | .113 |
| CA-343 | DM302 | .003 | .30 | .24 | .20 | .15 | .113 |
| CA-344 | DM502 | .005 | .30 | .24 | .20 | .15 | .113 |
| CA-345 | DM103 | .01 | .60 | .48 | .40 | .30 | .225 |
| CA-346 | DM2-502 | 2X.005 | .60 | .48 | .40 | .30 | .225 |

TYPE DDM DISC CAPACITORS

3/8" dia; 150WVDC; Tolerance: +60%. -40%. Shpg. wt., 2 oz.

| Stock No. | Mfrs. Type | Cap mmf | 100-250-500-999 | | | | |
|-----------|------------|---------|-----------------|-------|-----|-----|------|
| | | | 1-24 | 25-99 | 249 | 499 | 999 |
| CA-347 | DDM203 | .02 | .54 | .43 | .36 | .27 | .206 |
| CA-348 | DDM502 | .005 | .30 | .24 | .20 | .15 | .113 |
| CA-349 | DDM103 | .01 | .30 | .24 | .20 | .15 | .113 |
| CA-350 | DDM2-103 | 2X.01 | .54 | .43 | .36 | .27 | .206 |

4 STAGE PACKAGED AMPLIFIER

Subminiature 4 stage high-gain audio amplifier. Up to 1/2 mw. output; 2.5 db down at 3 kc; 73 db min. gain at 1 kc. Operates from a 1.34V. mercury battery. 1/2" dia. Less battery. Shpg. wt., 4 oz. PA-562 TA-12-B Net 45.00



TYPE TCN NEGATIVE (N750)

Negative coefficient of 750 parts/million/°C temperature rise. Tolerance: 3.3 - 10mmf are $\pm .5$ mmf; 12-100mmf, $\pm 2\%$; 110-750mmf $\pm 5\%$.

| Stock No. | Type TCN | Cap mmf | Size | 100-250-500-999 | | | | |
|-----------|----------|---------|------|-----------------|-------|-----|-----|-----|
| | | | | 1-24 | 25-99 | 249 | 499 | 999 |
| CA-451 | 3R3 | 3.3 | A | .30 | .24 | .20 | .15 | .11 |
| CA-452 | 5 | 5 | A | .30 | .24 | .20 | .15 | .11 |
| CA-453 | 10 | 10 | A | .30 | .24 | .20 | .15 | .11 |
| CA-454 | 12 | 12 | A | .30 | .24 | .20 | .15 | .11 |
| CA-455 | 15 | 15 | A | .30 | .24 | .20 | .15 | .11 |
| CA-456 | 18 | 18 | A | .30 | .24 | .20 | .15 | .11 |
| CA-457 | 20 | 20 | A | .30 | .24 | .20 | .15 | .11 |
| CA-458 | 22 | 22 | A | .30 | .24 | .20 | .15 | .11 |
| CA-459 | 24 | 24 | A | .30 | .24 | .20 | .15 | .11 |
| CA-460 | 25 | 25 | A | .30 | .24 | .20 | .15 | .11 |
| CA-461 | 27 | 27 | A | .30 | .24 | .20 | .15 | .11 |
| CA-462 | 30 | 30 | A | .30 | .24 | .20 | .15 | .11 |
| CA-463 | 33 | 33 | A | .30 | .24 | .20 | .15 | .11 |
| CA-464 | 36 | 36 | A | .30 | .24 | .20 | .15 | .11 |
| CA-465 | 39 | 39 | A | .30 | .24 | .20 | .15 | .11 |
| CA-466 | 43 | 43 | A | .30 | .24 | .20 | .15 | .11 |
| CA-467 | 47 | 47 | A | .30 | .24 | .20 | .15 | .11 |
| CA-468 | 50 | 50 | A | .30 | .24 | .20 | .15 | .11 |
| CA-469 | 51 | 51 | A | .30 | .24 | .20 | .15 | .11 |
| CA-470 | 56 | 56 | A | .30 | .24 | .20 | .15 | .11 |
| CA-471 | 62 | 62 | A | .30 | .24 | .20 | .15 | .11 |
| CA-472 | 68 | 68 | A | .30 | .24 | .20 | .15 | .11 |
| CA-473 | 75 | 75 | A | .30 | .24 | .20 | .15 | .11 |
| CA-474 | 82 | 82 | A | .30 | .24 | .20 | .15 | .11 |
| CA-475 | 91 | 91 | A | .30 | .24 | .20 | .15 | .11 |
| CA-476 | 100 | 100 | A | .30 | .24 | .20 | .15 | .11 |
| CA-477 | 110 | 110 | B | .30 | .24 | .20 | .15 | .11 |
| CA-478 | 120 | 120 | B | .30 | .24 | .20 | .15 | .11 |
| CA-479 | 130 | 130 | B | .30 | .24 | .20 | .15 | .11 |
| CA-480 | | | | | | | | |



ARCO-ELMENCO DIPPED MYLAR PAPER CAPACITORS

MYLAR PAPER SILVERED MICA CAPACITORS

ELMENCO TYPE MPD DIPPED MYLAR PAPER CAPACITORS

Type MPD capacitors are dip-coated tubular mylar-paper dielectric capacitors. Type MPD capacitors are non-inductively wound and vacuum dipped to obtain solid impregnation and a rugged, moisture-proof coat. Type MPD gives high reliability in operation at 110°C without derating. All 10% tolerance. C = case size;



| | |
|---------------------|----------------------|
| SIZE: | D-1 1/2 x 3/4 x 1 |
| A-1 1/4 x 3/4 x 1/2 | P-1 1/2 x 1/2 x 3/4 |
| B-3/4 x 1/2 x 1/2 | Q-1 1/4 x 3/4 x 3/4 |
| C-3/4 x 1/2 x 3/4 | R-1 1/4 x 3/4 x 3/4 |
| D-3/4 x 3/4 x 3/4 | S-1 1/2 x 3/4 x 7/8 |
| E-7/8 x 1/2 x 1/2 | T-1 1/4 x 3/4 x 7/8 |
| F-7/8 x 3/4 x 3/4 | U-1 1/4 x 3/4 x 1 |
| G-7/8 x 3/4 x 3/4 | V-7/8 x 3/4 x 3/4 |
| H-7/8 x 3/4 x 3/4 | W-7/8 x 3/4 x 3/4 |
| I-1 1/4 x 3/4 x 3/4 | X-7/8 x 3/4 x 3/4 |
| J-1 1/4 x 3/4 x 3/4 | Y-1 1/4 x 3/4 x 3/4 |
| K-1 1/4 x 3/4 x 3/4 | Z-1 1/4 x 3/4 x 3/4 |
| L-1 1/4 x 3/4 x 3/4 | AA-1 1/4 x 3/4 x 3/4 |
| M-1 1/4 x 3/4 x 3/4 | BB-1 1/4 x 3/4 x 3/4 |
| N-1 1/4 x 3/4 x 3/4 | CC-1 1/4 x 3/4 x 3/4 |

| | |
|--------------------------|--------------------------|
| DD-1 1/4 x 3/4 x 3/4 | DD-1 1/2 x 1 1/2 x 1 1/2 |
| EE-1 1/4 x 3/4 x 1 1/4 | PP-1 1/2 x 3/4 x 3/4 |
| FF-2 3/8 x 1 1/4 x 1 1/4 | QQ-1 1/2 x 3/4 x 3/4 |
| GG-1 1/4 x 1 1/2 x 1 1/2 | RR-1 1/4 x 3/4 x 1 1/4 |
| HH-1 1/4 x 1 1/2 x 1 1/2 | SS-1 1/4 x 3/4 x 1 1/4 |
| II-2 3/8 x 3/4 x 3/4 | TT-2 3/8 x 3/4 x 1 |
| JJ-3/4 x 1 1/2 x 3/4 | UU-2 3/8 x 3/4 x 1 1/4 |
| KK-7/8 x 1 1/2 x 3/4 | VV-7/8 x 1 1/2 x 3/4 |
| LL-7/8 x 3/4 x 3/4 | WW-7/8 x 1 1/2 x 3/4 |
| MM-7/8 x 3/4 x 1 1/4 | XX-1 1/4 x 1 1/2 x 3/4 |
| NN-1 1/4 x 1 1/2 x 3/4 | |

400 VDCW

| Stock No. | Mfd. | 4 DP- No. | C | NET EACH |
|-----------|-------|-----------|---|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-350 | .005 | 1-502 | A | .21 .19 .16 |
| CG-351 | .006 | 1-602 | A | .21 .19 .16 |
| CG-352 | .0068 | 1-682 | A | .21 .19 .16 |
| CG-353 | .0075 | 1-752 | A | .21 .19 .16 |
| CG-354 | .01 | 1-103 | A | .21 .19 .16 |
| CG-355 | .015 | 1-153 | B | .21 .19 .16 |
| CG-356 | .02 | 1-203 | C | .21 .19 .16 |
| CG-357 | .022 | 1-223 | C | .21 .19 .16 |
| CG-358 | .025 | 1-253 | C | .21 .19 .16 |

400 VDCW

| Stock No. | Mfd. | 4 DP- No. | C | NET EACH |
|-----------|------|-----------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-385 | .01 | 1-103 | D | .21 .19 .16 |
| CG-386 | .015 | 1-153 | V | .21 .19 .16 |
| CG-387 | .02 | 2-203 | G | .21 .19 .16 |
| CG-388 | .022 | 2-223 | G | .24 .22 .18 |
| CG-389 | .025 | 2-253 | W | .24 .22 .18 |
| CG-390 | .03 | 3-303 | X | .24 .22 .18 |
| CG-391 | .033 | 3-333 | X | .24 .22 .18 |
| CG-392 | .04 | 3-403 | Y | .24 .22 .18 |
| CG-393 | .047 | 3-473 | Y | .24 .22 .18 |
| CG-394 | .05 | 3-503 | Y | .24 .22 .18 |
| CG-395 | .056 | 3-563 | Z | .24 .22 .18 |
| CG-396 | .068 | 3-683 | AA | .30 .27 .23 |
| CG-397 | .075 | 3-753 | BB | .30 .27 .23 |
| CG-398 | .1 | 3-104 | CC | .30 .27 .23 |

100 VDCW

| Stock No. | Mfd. | IDP- No. | C | NET EACH |
|-----------|------|----------|---|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-360 | .033 | 1-333 | D | .21 .19 .16 |
| CG-361 | .04 | 1-403 | D | .24 .22 .18 |
| CG-362 | .047 | 2-473 | E | .24 .22 .18 |
| CG-363 | .05 | 2-503 | E | .24 .22 .18 |
| CG-364 | .056 | 2-563 | F | .24 .22 .18 |
| CG-365 | .068 | 2-683 | G | .24 .22 .18 |
| CG-366 | .075 | 2-753 | G | .27 .24 .20 |
| CG-367 | .1 | 2-104 | H | .27 .24 .20 |

600 VDCW

| Stock No. | Mfd. | 6 DP- No. | C | NET EACH |
|-----------|------|-----------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-400 | .2 | 5-204 | DD | .39 .35 .29 |
| CG-401 | .22 | 5-224 | T | .39 .35 .29 |
| CG-402 | .25 | 5-254 | N | .42 .38 .32 |
| CG-403 | .27 | 5-274 | N | .42 .38 .32 |
| CG-404 | .33 | 5-334 | EE | .60 .54 .45 |
| CG-405 | .47 | 6-474 | FF | .84 .76 .63 |
| CG-406 | .5 | 6-504 | FF | .84 .76 .63 |

200 VDCW

| Stock No. | Mfd. | 2 DP- No. | C | NET EACH |
|-----------|------|-----------|---|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-377 | .1 | 3-104 | P | .27 .24 .20 |
| CG-378 | .15 | 3-154 | Q | .30 .27 .23 |
| CG-379 | .2 | 4-204 | R | .33 .30 .25 |
| CG-380 | .22 | 4-224 | R | .33 .30 .25 |
| CG-381 | .25 | 4-254 | S | .36 .32 .27 |
| CG-382 | .33 | 5-334 | T | .42 .38 .32 |
| CG-383 | .47 | 5-474 | U | .51 .46 .38 |
| CG-384 | .50 | 5-504 | U | .51 .46 .38 |

600 VDCW

| Stock No. | Mfd. | 6 DP- No. | C | NET EACH |
|-----------|-------|-----------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-407 | .001 | 1-102 | GG | .21 .19 .16 |
| CG-408 | .0012 | 1-122 | GG | .21 .19 .16 |
| CG-409 | .0015 | 1-152 | GG | .21 .19 .16 |
| CG-410 | .002 | 1-202 | GG | .21 .19 .16 |
| CG-411 | .0022 | 1-222 | GG | .21 .19 .16 |
| CG-412 | .0025 | 1-252 | GG | .21 .19 .16 |
| CG-413 | .0027 | 1-272 | GG | .21 .19 .16 |
| CG-414 | .003 | 1-302 | GG | .21 .19 .16 |
| CG-415 | .0033 | 1-332 | GG | .21 .19 .16 |

1600 VDCW

| Stock No. | Mfd. | 16 DP- No. | C | NET EACH |
|-----------|-------|------------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-452 | .001 | 2-102 | KK | .33 .30 .25 |
| CG-453 | .0015 | 2-152 | KK | .33 .30 .25 |
| CG-454 | .0018 | 2-182 | LL | .33 .30 .25 |
| CG-455 | .002 | 2-202 | LL | .33 .30 .25 |
| CG-456 | .0022 | 2-222 | LL | .33 .30 .25 |
| CG-457 | .0025 | 2-252 | G | .33 .30 .25 |
| CG-458 | .003 | 3-302 | W | .33 .30 .25 |
| CG-459 | .0033 | 3-332 | W | .33 .30 .25 |

600 VDCW

| Stock No. | Mfd. | 6 DP- No. | C | NET EACH |
|-----------|-------|-----------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-416 | .0039 | 1-392 | HH | .21 .19 .16 |
| CG-417 | .004 | 1-402 | HH | .21 .19 .16 |
| CG-418 | .0047 | 1-472 | II | .21 .19 .16 |
| CG-419 | .005 | 1-502 | II | .21 .19 .16 |
| CG-420 | .0056 | 1-562 | II | .21 .19 .16 |
| CG-421 | .006 | 1-602 | D | .24 .22 .18 |
| CG-422 | .0068 | 1-682 | JJ | .24 .22 .18 |
| CG-423 | .0075 | 2-752 | KK | .24 .22 .18 |
| CG-424 | .008 | 2-802 | KK | .24 .22 .18 |

1600 VDCW

| Stock No. | Mfd. | 16 DP- No. | C | NET EACH |
|-----------|-------|------------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-460 | .004 | 2-402 | X | .33 .30 .25 |
| CG-461 | .0047 | 2-472 | VV | .33 .30 .25 |
| CG-462 | .005 | 2-502 | VV | .33 .30 .25 |
| CG-463 | .006 | 3-602 | Y | .36 .32 .27 |
| CG-464 | .007 | 3-702 | Z | .36 .32 .27 |
| CG-465 | .0075 | 3-752 | AA | .36 .32 .27 |
| CG-466 | .008 | 3-802 | XX | .36 .32 .27 |
| CG-467 | .01 | 3-103 | XX | .36 .32 .27 |

600 VDCW

| Stock No. | Mfd. | 6 DP- No. | C | NET EACH |
|-----------|-------|-----------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-425 | .0082 | 2-822 | KK | .24 .22 .18 |
| CG-426 | .01 | 2-103 | LL | .24 .22 .18 |
| CG-427 | .012 | 2-123 | LL | .24 .22 .18 |
| CG-428 | .015 | 2-153 | G | .24 .22 .18 |
| CG-429 | .02 | 2-203 | W | .24 .22 .18 |
| CG-430 | .022 | 2-223 | X | .24 .22 .18 |
| CG-431 | .025 | 2-253 | MM | .27 .24 .20 |
| CG-432 | .027 | 3-273 | Y | .27 .24 .20 |
| CG-433 | .03 | 3-303 | Y | .27 .24 .20 |

1600 VDCW

| Stock No. | Mfd. | 16 DP- No. | C | NET EACH |
|-----------|------|------------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-468 | .015 | 4-153 | PP | .39 .35 .29 |
| CG-469 | .02 | 4-203 | DD | .42 .38 .32 |
| CG-470 | .022 | 5-223 | DD | .42 .38 .32 |
| CG-471 | .025 | 5-253 | T | .42 .38 .32 |
| CG-472 | .03 | 5-303 | N | .42 .38 .32 |
| CG-473 | .033 | 5-333 | RR | .42 .38 .32 |
| CG-474 | .04 | 5-403 | O | .45 .41 .34 |
| CG-475 | .047 | 5-473 | SS | .48 .43 .36 |
| CG-476 | .05 | 5-503 | SS | .48 .43 .36 |

600 VDCW

| Stock No. | Mfd. | 6 DP- No. | C | NET EACH |
|-----------|------|-----------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-434 | .033 | 3-333 | Y | .27 .24 .20 |
| CG-435 | .039 | 3-393 | Z | .27 .24 .20 |
| CG-436 | .04 | 4-403 | Z | .27 .24 .20 |
| CG-437 | .047 | 3-473 | AA | .30 .27 .23 |
| CG-438 | .05 | 3-503 | AA | .30 .27 .23 |
| CG-439 | .056 | 3-563 | NN | .30 .27 .23 |
| CG-440 | .06 | 3-603 | NN | .33 .30 .25 |
| CG-441 | .068 | 4-683 | OO | .33 .30 .25 |
| CG-442 | .075 | 4-753 | OO | .33 .30 .25 |

1600 VDCW

| Stock No. | Mfd. | 16 DP- No. | C | NET EACH |
|-----------|------|------------|----|---------------------|
| | | | | 1-49 50-100- 99 499 |
| CG-443 | .082 | 4-823 | PP | .33 .30 .25 |
| CG-444 | .1 | 4-104 | QQ | .33 .30 .25 |
| CG-445 | .15 | 5-154 | T | .42 .38 .32 |
| CG-446 | .2 | 5-204 | RR | .48 .43 .36 |
| CG-447 | .22 | 5-224 | U | .48 .43 .36 |
| CG-448 | .25 | 5-254 | SS | .51 .46 .38 |
| CG-449 | .33 | 6-334 | TT | .69 .62 .52 |
| CG-450 | .47 | 6-474 | UU | .96 .86 .72 |
| CG-451 | .5 | 6-504 | UU | .96 .86 .72 |

ELMENCO TYPE DM-10 DIPPED SILVERED MICA CAPACITORS

Type DM-10 is a new sub-miniature dipped silvered mica capacitor that sets a new standard in miniature reliability. Retains the same superior electrical characteristics of silvered mica capacitors as found in much larger sizes. Assures a high order of performance in extreme miniaturization applications—missiles, printed circuits and all compact electronic equipment. Meets all the electrical requirements of military spec. #MIL-C-58 and EIA specification RS-153. All are 5% tolerance except * = min tolerance ± 0.5 mmf. ** = ± 10%.

TYPE DM-10 — 500 VDCW, 5% Tolerance.

| Stock No. | Cap. MMF | DM10- Type | NET EACH |
|-----------|----------|------------|---------------------|
| | | | 1-49 50-100- 99 499 |
| 3CG-477 | 1 | 010* | .18 .16 .13 |
| 3CG-478 | 2 | 020* | .18 .16 .13 |
| 3CG-479 | 3 | 030* | .18 .16 .13 |
| 3CG-480 | 5 | 050** | .18 .16 .13 |
| 3CG-481 | 10 | 100 | .20 .18 .15 |
| 3CG-482 | 12 | 120 | .23 .21 .17 |
| 3CG-483 | 15 | 150 | .23 .21 .17 |
| 3CG-484 | 18 | 180 | .23 .21 .17 |
| 3CG-485 | 20 | 200 | .23 .21 .17 |
| 3CG-486 | 22 | 220 | .23 .21 .17 |
| 3CG-487 | 24 | 240 | .23 .21 .17 |
| 3CG-488 | 27 | 270 | .23 .21 .17 |
| 3CG-489 | 30 | 300 | .23 .21 .17 |
| 3CG-490 | 33 | 330 | .23 .21 .17 |
| 3CG-491 | 36 | 360 | .23 .21 .17 |
| 3CG-492 | 39 | 390 | .23 .21 .17 |
| 3CG-493 | 43 | 430 | .23 .21 .17 |
| 3CG-494 | 47 | 470 | .26 .23 .19 |
| 3CG-495 | 50 | 500 | .26 .23 .19 |
| 3CG-496 | 51 | 510 | .26 .23 .19 |
| 3CG-497 | 56 | 560 | .26 .23 .19 |

CENTRALAB CERAMIC—DIELECTRIC TRIMMER CAPACITORS



TYPE 820 Conveniently mounted, wide capacity range units. Rated 600 VDCW, test 1500 VDC. Mounting holes clear #4 machine screws. Size: 3/8x3/8". Shpg. wt., 1 oz.

| Stock No. | Part No. | Capacity MMF | NET PRICE |
|-----------|----------|--------------|------------|
| CA-360 | 820-A | 2.5-6 | |
| CA-361 | 820-B | 5-20 | |
| CA-362 | 820-C | 7-35 | 1-9 .76 |
| CA-363 | 820-D | 1.3-5 | 10-24 .65 |
| CA-364 | 820-E | 35-55 | 25-99 .618 |
| CA-365 | 820-F | 55-75 | |
| CA-366 | 820-G | 70-80 | |

TYPE 823 TRIMMER Steatite body trimmers. Rating 600 VDCW, 1200 VDC test. All are zero temp. coeff. except * neg. 500 T.C. Shpg. wt., 3 oz.

| Stock No. | Part No. | Capacity MMF | NET PRICE |
|-----------|----------|--------------|------------|
| CA-378 | 823-AN* | 20-125 | |
| CA-379 | 823-AZ | 12-60 | |
| CA-380 | 823-BN* | 10-100 | |
| CA-381 | 823-BZ | 10-50 | 1-9 3.93 |
| CA-382 | 823-DN* | 8-50 | 10-24 2.99 |
| CA-383 | 823-DZ | 6-25 | 25-99 2.84 |
| CA-384 | 823-EN* | 8-25 | |
| CA-385 | 823-EZ | 5-12 | |
| CA-386 | 823-FN* | 5-15 | |

TYPE 822 TRIMMER Types with N indicate negative temperature coefficient; Z indicates zero coefficient. Steatite base

AEROVOX INDUSTRIAL AND MIL CAPACITORS



P123ZNG METALLIZED PAPER TUBULARS

Metallized paper tubulars hermetically sealed in metal tubes with glass and seals soldered for positive moisture seal. They are Aerovox impregnated and will operate from -55°C to +100°C at full voltage rating, and up to 125°C with voltage derating to 75%. Case is grounded. Standard tolerance up to .01 mfd ± 25%; .015 and up is ± 20%. Shpg. wt., 2 oz.

| STOCK NO. | MFO. | SIZE | NET EACH | | |
|-----------|------|------------|----------|-------|---------|
| | | | 1-24 | 25-99 | 100-999 |
| 200 WVDC | | | | | |
| 3CG-282 | .001 | 1/4x1 1/2" | .99 | .45 | .39 |
| 3CG-283 | .002 | 1/4x1 1/2" | .99 | .45 | .39 |
| 3CG-284 | .003 | 1/4x1 1/2" | .99 | .45 | .39 |
| 3CG-285 | .005 | 1/4x1 1/2" | .99 | .45 | .39 |
| 3CG-286 | .01 | 1/4x1 1/2" | .99 | .45 | .39 |
| 3CG-287 | .02 | 3/8x2 1/4" | .99 | .45 | .39 |
| 3CG-288 | .033 | 1/2x3 1/2" | 1.01 | .46 | .40 |
| 3CG-289 | .04 | 1/2x3 1/2" | 1.05 | .48 | .41 |
| 3CG-290 | .047 | 1/2x3 1/2" | 1.05 | .48 | .41 |
| 3CG-291 | .05 | 1/2x3 1/2" | 1.05 | .48 | .41 |
| 3CG-292 | .068 | 1/2x3 1/2" | 1.08 | .50 | .42 |
| 3CG-293 | .1 | 1/2x3 1/2" | 1.11 | .51 | .43 |
| 3CG-294 | .22 | 3/4x4 1/2" | 1.13 | .52 | .44 |
| 3CG-295 | .25 | 3/4x4 1/2" | 1.24 | .57 | .49 |
| 3CG-296 | .47 | 1/2x1 1/2" | 1.33 | .61 | .53 |
| 3CG-297 | .68 | 1/2x1 1/2" | 1.40 | .65 | .56 |
| 3CG-298 | 1.0 | 3/4x1 1/2" | 1.54 | .71 | .61 |
| 3CG-299 | 2.0 | 3/4x1 1/2" | 2.33 | 1.07 | .91 |
| 400 WVDC | | | | | |
| 3CG-300 | .001 | 1/4x1 1/2" | .99 | .45 | .39 |
| 3CG-301 | .002 | 1/4x1 1/2" | .99 | .45 | .39 |
| 3CG-302 | .003 | 1/4x1 1/2" | 1.02 | .47 | .40 |
| 3CG-303 | .005 | 1/4x1 1/2" | 1.05 | .48 | .41 |
| 3CG-304 | .01 | 1/4x1 1/2" | 1.05 | .48 | .41 |
| 3CG-305 | .02 | 1/4x1 1/2" | 1.05 | .48 | .41 |

| STOCK NO. | MFO. | SIZE | NET EACH | | |
|-----------|------|------------|----------|-------|---------|
| | | | 1-24 | 25-99 | 100-999 |
| 400 WVDC | | | | | |
| 3CG-306 | .033 | 3/4x3 1/2" | 1.06 | .49 | .42 |
| 3CG-307 | .04 | 3/4x3 1/2" | 1.06 | .49 | .42 |
| 3CG-308 | .047 | 3/4x3 1/2" | 1.06 | .49 | .42 |
| 3CG-309 | .05 | 3/4x3 1/2" | 1.06 | .49 | .42 |
| 3CG-310 | .068 | 3/4x3 1/2" | 1.16 | .53 | .45 |
| 3CG-311 | .1 | 3/4x3 1/2" | 1.18 | .54 | .46 |
| 3CG-312 | .22 | 1/2x1 1/2" | 1.26 | .58 | .49 |
| 3CG-313 | .25 | 1/2x1 1/2" | 1.43 | .66 | .57 |
| 3CG-314 | .47 | 1/2x1 1/2" | 1.56 | .72 | .61 |
| 3CG-315 | .68 | 1/2x1 1/2" | 1.78 | .82 | .70 |
| 3CG-316 | 1.0 | 1/2x2 1/4" | 1.92 | .88 | .76 |
| 3CG-317 | 2.0 | 1x1 1/4" | 3.10 | 1.42 | 1.22 |
| 600 WVDC | | | | | |
| 3CG-318 | .001 | 1/4x1 1/2" | 1.03 | .47 | .40 |
| 3CG-319 | .002 | 1/4x1 1/2" | 1.03 | .47 | .40 |
| 3CG-320 | .003 | 1/4x1 1/2" | 1.06 | .49 | .42 |
| 3CG-321 | .005 | 1/4x1 1/2" | 1.08 | .49 | .42 |
| 3CG-322 | .01 | 1/4x1 1/2" | 1.08 | .49 | .42 |
| 3CG-323 | .02 | 3/8x3/4" | 1.09 | .50 | .43 |
| 3CG-324 | .033 | 1/2x3/4" | 1.11 | .51 | .43 |
| 3CG-325 | .047 | 1/2x3/4" | 1.13 | .52 | .44 |
| 3CG-326 | .05 | 1/2x3/4" | 1.13 | .52 | .44 |
| 3CG-327 | .068 | 1/2x1 1/4" | 1.20 | .55 | .47 |
| 3CG-328 | .1 | 1/2x1 1/4" | 1.23 | .57 | .48 |
| 3CG-329 | .15 | 1/2x1 1/4" | 1.37 | .63 | .54 |
| 3CG-330 | .22 | 3/4x1 1/4" | 1.50 | .69 | .59 |
| 3CG-331 | .25 | 3/4x1 1/4" | 1.53 | .70 | .60 |
| 3CG-332 | .47 | 3/4x1 1/4" | 1.82 | .84 | .71 |
| 3CG-333 | .68 | 3/4x1 1/4" | 1.96 | .90 | .77 |
| 3CG-334 | 1.0 | 3/4x2 1/4" | 2.10 | .96 | .83 |
| 3CG-335 | 2.0 | 1x2 1/4" | 3.13 | 1.43 | 1.23 |

TYPE P83Z MICROMINIATURE METALLIZED PAPER TUBULARS

Ultra-small metallized paper dielectric capacitor particularly suited to replace low capacity paper units. Myvol K impregnated in humidity resistant molded thermoplastic cases. Shpg. wt., 1 oz. Dim.—Dimensions: A=1/8x3/8; B=1/8x1/4".

| Stock No. | MFO. | DIM. | NET EACH | | |
|-----------|-------|------|----------|-------|-------|
| | | | 1-24 | 25-49 | 50-99 |
| 200 WVDC | | | | | |
| 3CG-240 | .004 | A | .21 | .12 | .10 |
| 3CG-241 | .005 | A | .21 | .12 | .10 |
| 3CG-242 | .01 | A | .21 | .12 | .10 |
| 3CG-243 | .02 | B | .26 | .16 | .12 |
| 3CG-244 | .04 | B | .26 | .16 | .12 |
| 400 WVDC | | | | | |
| 3CG-245 | .002 | A | .21 | .12 | .10 |
| 3CG-246 | .003 | A | .26 | .16 | .12 |
| 3CG-247 | .008 | B | .26 | .16 | .12 |
| 3CG-248 | .01 | B | .26 | .16 | .12 |
| 600 WVDC | | | | | |
| 3CG-249 | .0005 | A | .21 | .12 | .10 |
| 3CG-250 | .0008 | A | .21 | .12 | .10 |
| 3CG-251 | .001 | A | .21 | .12 | .10 |
| 3CG-252 | .002 | B | .26 | .16 | .12 |
| 3CG-253 | .0022 | B | .26 | .16 | .12 |
| 3CG-254 | .0047 | B | .26 | .16 | .12 |
| 3CG-255 | .005 | B | .26 | .16 | .12 |

CERAFIL CERAMIC ULTRAMINIATURE CAPACITORS

Series 80V-AM. Meet MIL-C-11015B specs. Smallest ceramics for airborne transistorized circuits. Dipped axial leads. Operating temp.—55°C to +85°C at full 100 W.V.D.C.; derated to 50 W.V. at 125°C. Tolerance ± 20% 1/2" axial leads. Shpg. wt., 2 oz.

| STOCK NO. | CAP. MFO. | SIZE IN. | NET EACH | | | |
|-----------|-----------|-----------|----------|-------|-------|---------|
| | | | 1-24 | 25-50 | 50-99 | 100-499 |
| 3CG-336 | .00001 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-337 | .000022 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-338 | .000033 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-339 | .000047 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-340 | .0001 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-341 | .00022 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-342 | .00033 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-343 | .00047 | .090 .320 | .50 | .43 | .34 | .26 |
| 3CG-344 | .001 | .090 .320 | .45 | .39 | .31 | .23 |
| 3CG-345 | .005 | .120 .500 | 7.4 | 6.3 | 5.0 | 3.8 |
| 3CG-346 | .01 | .180 .500 | 1.05 | .89 | .71 | .53 |
| 3CG-347 | .02 | .200 .500 | 1.79 | 1.52 | 1.21 | .91 |
| 3CG-348 | .05 | .240 .650 | 2.98 | 2.53 | 2.0 | 1.52 |
| 3CG-349 | .1 | .310 .750 | 5.36 | 4.55 | 3.64 | 2.74 |

AEROVOX CP70 CAPACITORS

Oil impregnated and filled, large, rectangular, metal-cased capacitor for heavy-duty, continuous-service applications. Immersion proof, hermetically sealed. Available with either high-voltage screw-type porcelain-pillar terminals with soldering lugs (Type E) or the riveted terminal (Type B). Standard tolerance ± 10% for all units.

TYPE E PORCELAIN TERMINAL

| STOCK No. | AEROVOX CP70 | CAP UFO | NET EACH | | | |
|-----------|--------------|---------|----------|-------|-------|-------|
| | | | 1-9 | 10-24 | 25-49 | 50-99 |
| 600 WVDC | | | | | | |
| 3CG-175 | BIEF105K | 1.0 | 3.06 | 1.22 | 1.05 | 1.02 |
| 3CG-176 | BIEF205K | 2.0 | 3.96 | 1.40 | 1.36 | 1.32 |
| 3CG-177 | BIEF405K | 4.0 | 5.52 | 2.19 | 1.94 | 1.89 |
| 3CG-178 | BIEF605K | 6.0 | 6.54 | 2.60 | 2.32 | 2.26 |
| 3CG-179 | BIEF805K | 8.0 | 7.89 | 3.23 | 2.90 | 2.83 |
| 3CG-180 | BIEF106K | 10.0 | 8.78 | 3.48 | 3.21 | 3.15 |
| 1000 WVDC | | | | | | |
| 3CG-181 | BIEG105K | 1.0 | 3.68 | 1.46 | 1.33 | 1.30 |
| 3CG-182 | BIEG205K | 2.0 | 4.73 | 1.88 | 1.71 | 1.67 |
| 3CG-183 | BIEG405K | 4.0 | 8.93 | 3.81 | 3.48 | 3.41 |
| 3CG-184 | BIEG106K | 10.0 | 10.82 | 4.41 | 4.06 | 3.99 |
| 3CG-185 | BIEG126K | 12.0 | 11.75 | 4.98 | 4.64 | 4.57 |
| 2000 WVDC | | | | | | |
| 3CG-186 | EIEF504K | .5 | 2.92 | 1.23 | 1.07 | 1.04 |
| 1000 WVDC | | | | | | |
| 3CG-187 | EIEG104K | .1 | 2.70 | 1.37 | 1.24 | 1.22 |
| 3CG-188 | EIEG105K | 1.0 | 4.14 | 1.59 | 1.45 | 1.43 |
| 3CG-189 | EIEG205K | 2.0 | 5.41 | 2.01 | 1.84 | 1.80 |
| 3CG-190 | EIEG405K | 4.0 | 6.84 | 2.72 | 2.56 | 2.50 |
| 3CG-191 | EIEG605K | 6.0 | 8.46 | 3.37 | 3.04 | 2.97 |
| 3CG-192 | EIEG805K | 8.0 | 9.05 | 3.94 | 3.61 | 3.54 |
| 3CG-193 | EIEG156K | 15.0 | 13.15 | 5.99 | 5.61 | 5.53 |
| 2000 WVDC | | | | | | |
| 3CG-194 | EIEJ254K | .25 | 4.47 | 2.19 | 1.95 | 1.90 |
| 3CG-195 | EIEJ105K | 1.0 | 5.67 | 2.76 | 2.50 | 2.44 |
| 3CG-196 | EIEJ205K | 2.0 | 6.71 | 3.46 | 3.14 | 3.07 |
| 3CG-197 | EIEJ405K | 4.0 | 9.45 | 4.94 | 4.64 | 4.57 |

P8292ZN PLASTIC-CASED METALLIZED PAPER TUBULARS



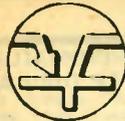
Plastic case construction. Operates from -30°C to +100°C at full rated voltage. Completely free of wax coating to facilitate use of automatic insertion and assembly equipment. Tolerance ± 20%.

| STOCK NO. | MFO. | SIZE | NET EACH | | |
|-----------|------|------------|----------|-------|-------|
| | | | 1-24 | 25-49 | 50-99 |
| 200 WVDC | | | | | |
| 3CG-800 | .01 | 1/4x1 1/2" | .43 | .26 | .20 |
| 3CG-801 | .02 | 1/4x1 1/2" | .43 | .26 | .20 |
| 3CG-802 | .03 | 1/4x1 1/2" | .44 | .26 | .20 |
| 3CG-803 | .05 | 1/4x1 1/2" | .44 | .26 | .20 |
| 3CG-804 | .1 | 1/4x1 1/2" | .46 | .28 | .21 |
| 3CG-805 | .25 | 1/2x3/4" | .67 | .39 | .30 |
| 3CG-806 | .5 | 3/4x1 1/4" | .78 | .47 | .36 |
| 3CG-807 | 1.0 | 3/4x1 1/4" | 1.05 | .62 | .48 |
| 3CG-808 | 2.0 | 3/4x1 1/4" | 1.43 | .85 | .66 |
| 400 WVDC | | | | | |
| 3CG-809 | .02 | 1/4x1 1/2" | .43 | .26 | .20 |
| 3CG-810 | .03 | 1/4x1 1/2" | .44 | .26 | .20 |
| 3CG-811 | .05 | 1/4x1 1/2" | .46 | .28 | .21 |
| 3CG-812 | .1 | 1/4x1 1/2" | .50 | .30 | .23 |
| 3CG-813 | .25 | 1/2x3/4" | .73 | .43 | .33 |
| 3CG-814 | .5 | 3/4x1 1/4" | .93 | .55 | .43 |
| 3CG-815 | 1.0 | 3/4x1 1/4" | 1.29 | .77 | .60 |
| 3CG-816 | 2.0 | 3/4x2 1/4" | 1.82 | 1.09 | .84 |
| 600 WVDC | | | | | |
| 3CG-817 | .01 | 1/4x1 1/2" | .44 | .26 | .20 |
| 3CG-818 | .02 | 1/4x1 1/2" | .46 | .28 | .21 |
| 3CG-819 | .03 | 1/4x1 1/2" | .49 | .29 | .22 |
| 3CG-820 | .05 | 1/2x3/4" | .52 | .31 | .24 |
| 3CG-821 | .1 | 1/2x3/4" | .58 | .34 | .26 |
| 3CG-822 | .25 | 3/4x1 1/4" | .90 | .54 | .41 |
| 3CG-823 | .5 | 3/4x1 1/4" | 1.13 | .67 | .52 |
| 3CG-824 | 1.0 | 1/2x1 1/4" | 1.40 | .84 | .64 |
| 3CG-825 | 2.0 | 1x2 1/4" | 1.99 | 1.18 | .91 |

TYPE XPP MINIATURIZED METAL CASE ELECTROLYTICS

Hermetically sealed for miniature applications. Operating temperature range—20° to 65°C. Tolerance —10% to +250%. Shpg. wt., 2 oz.

| STOCK NO. | CAP MFO. | WVDC | SIZE IN. | | NET EACH | | |
|-----------|----------|------|----------|-----|----------|-------|-------|
| | | | Ø | L | 1-24 | 25-49 | 50-99 |
| 3CG-831 | 25 | 3 | 1/4 | 5/8 | .73 | .48 | .38 |
| 3CG-832 | 100 | 3 | 3/8 | 3/4 | .82 | .56 | .44 |
| 3CG-833 | 2 | 6 | 3/8 | 1/2 | .73 | .46 | .36 |
| 3CG-834 | 3 | 6 | 3/8 | 1/2 | .73 | .46 | .36 |
| 3CG-835 | 4 | 6 | 3/8 | 5/8 | .73 | .46 | .36 |
| 3CG-836 | 5 | 6 | 3/8 | 5/8 | .73 | .46 | .36 |



MINIATURE CAPACITORS FOR TRANSISTOR CIRCUITRY

Lafayette-CORNELL-SPRAGUE-BARCO



LAFAYETTE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

Latest subminiature electrolytic capacitors. Hermetically sealed aluminum cases, especially suitable physically and electrically for application in transistor and miniature electronic circuits. Long shelf-life, stable capacity and low leakage current. Super value in ultra-miniature electrolytics. Imported

| Stock No. | Description | Dia. | Length | Net |
|-----------|-----------------|-------|--------|-----|
| CF-100 | 2 mfd 6 volt | 1/4" | 3/32" | .26 |
| CF-101 | 4 mfd 6 volt | 1/4" | 3/32" | .29 |
| CF-102 | 8 mfd 6 volt | 1/4" | 3/32" | .29 |
| CF-103 | 10 mfd 6 volt | 1/4" | 3/32" | .29 |
| CF-104 | 30 mfd 6 volt | 1/4" | 3/32" | .29 |
| CF-105 | 50 mfd 6 volt | 3/16" | 3/32" | .31 |
| CF-106 | 100 mfd 6 volt | 1/2" | 1 1/4" | .25 |
| CF-112 | 8 mfd 12 volt | 3/8" | 7/8" | .29 |
| CF-120 | 1 mfd 15 volt | 3/8" | 7/8" | .29 |
| CF-120 | 2 mfd 15 volt | 3/8" | 7/8" | .29 |
| CF-129 | 3 mfd 15 volt | 3/8" | 7/8" | .29 |
| CF-129 | 6 mfd 15 volt | 3/8" | 7/8" | .29 |
| CF-122 | 10 mfd 15 volt | 3/8" | 7/8" | .29 |
| CF-123 | 20 mfd 15 volt | 3/8" | 7/8" | .29 |
| CF-124 | 30 mfd 15 volt | 3/8" | 7/8" | .29 |
| CF-125 | 50 mfd 15 volt | 3/8" | 1 1/4" | .31 |
| CF-126 | 100 mfd 15 volt | 3/8" | 1 1/4" | .49 |
| CF-127 | 160 mfd 15 volt | 3/8" | 1 3/4" | .29 |
| CF-140 | 2 mfd 25 volt | 3/8" | 7/8" | .29 |
| CF-141 | 6 mfd 25 volt | 3/8" | 7/8" | .31 |
| CF-142 | 10 mfd 25 volt | 3/8" | 7/8" | .31 |
| CF-143 | 25 mfd 25 volt | 3/8" | 1 1/4" | .35 |
| CF-144 | 50 mfd 25 volt | 3/8" | 1 3/4" | .49 |
| CF-145 | 160 mfd 25 volt | 3/8" | 1 3/4" | .49 |

LAFAYETTE SUBMINIATURE SQUARE CERAMIC CAPACITORS

75 VOLT MICROMINIATURE CAPACITORS AS SMALL AS 1/8" SQUARE x 1/16" THICK A new series of dependable, conservatively rated ceramic capacitors designed for greatest capacitance in the smallest size. Vacuum impregnated phenolic coating. Rated 75V, test volts three times DCWV. Power factor 2.5%. Temperature range -55°C to +85°C. Shpg. wt., 1 oz.

| Type | Cap. μ F | Size L x W x Thick. | Net Each | Lots of 10, Each |
|-------|--------------|---------------------|----------|------------------|
| C-608 | .0005 | 1/8" x 1/8" x 1/16" | .15 | .13 |
| C-609 | .001 | 1/8" x 1/8" x 1/16" | .15 | .13 |
| C-610 | .002 | 1/8" x 1/8" x 1/16" | .15 | .13 |
| C-611 | .005 | 1/8" x 1/8" x 1/16" | .15 | .13 |
| C-612 | .01 | 1/8" x 1/8" x 1/16" | .22 | .19 |
| C-613 | .02 | 1/8" x 1/8" x 1/16" | .22 | .19 |
| C-614 | .05 | 1/8" x 1/8" x 1/16" | .30 | .27 |
| C-615 | .1 | 1/8" x 1/8" x 1/16" | .45 | .41 |
| C-616 | .2 | 1/8" x 1/8" x 1/16" | .56 | .51 |

LAFAYETTE CERAMIC DISCS

RATED 1000 DCWV

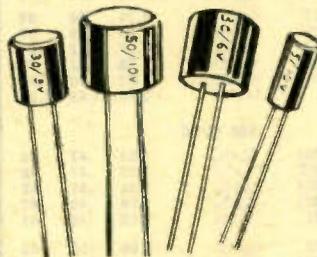


These Lafayette ceramic discs are ideal for bypassing, blocking and coupling applications and as cost saving replacements for paper and mica capacitors. Each disc is checked on the production line for power factor, capacity, leakage resistance and breakdown to assure dependable performance. Available in the following values. Shpg. wt., 2 oz.

| μ F |
|---------|---------|---------|---------|---------|---------|---------|
| 5 | 22 | 50 | 150 | 330 | .001 | .0027 |
| 6.8 | 25 | 56 | 180 | 390 | .0012 | .003 |
| 10 | 27 | 68 | 200 | 470 | .0015 | .0033 |
| 12 | 30 | 75 | 220 | 500 | .0018 | .004 |
| 15 | 33 | 82 | 250 | 560 | .002 | .0047 |
| 18 | 39 | 100 | 270 | 680 | .0022 | .005 |
| 20 | 47 | 120 | 300 | 750 | .0025 | .01 |

Assort any of above for quantity price
 C-601 10 for .72, Singly, Ea. .08
HIGH CAPACITY DISCS
 C-602 .015 μ F Shpg. wt., 2 oz. 10 for .99 Singly, Ea. .11
 C-603 .02 μ F Shpg. wt., 2 oz. 10 for 1.08 Singly, Ea. .12

LAFAYETTE SUB-MINIATURE PRINTED CIRCUIT ELECTROLYTIC CAPACITORS



As Low As 22¢

• Smallest Made • Tolerance 10% • Exact Replacement For Hundreds of Thousands of Transistor Radios

These high quality electrolytics solve the servicing problems of size and mounting found in small printed-circuit transistor sets. Imported

| Stock No. | Cap Mfd. | Work VDC | Size Dia. x L | Net Each 1-9 | Net Each 10-Up |
|-----------|----------|----------|----------------|--------------|----------------|
| CF-161 | 2 | 6 | 3/32" x 1 1/2" | .22 | .20 |
| CF-162 | 4 | 6 | 3/32" x 1 1/2" | .22 | .20 |
| CF-163 | 6 | 6 | 3/32" x 3/4" | .24 | .22 |
| CF-164 | 8 | 6 | 1/4" x 3/4" | .25 | .23 |
| CF-165 | 10 | 6 | 1/4" x 1 1/2" | .25 | .23 |
| CF-166 | 20 | 6 | 3/8" x 3/4" | .27 | .25 |
| CF-167 | 30 | 6 | 3/8" x 3/4" | .27 | .25 |
| CF-168 | 50 | 6 | 3/8" x 1/2" | .27 | .25 |
| CF-169 | 100 | 6 | 3/8" x 1/2" | .31 | .29 |
| CF-170 | 200 | 6 | 1/2" x 1/2" | .33 | .31 |
| CF-171 | 4 | 12 | 1/2" x 1 1/2" | .24 | .22 |
| CF-172 | 8 | 12 | 1/4" x 1 1/2" | .24 | .22 |
| CF-173 | 10 | 12 | 1/4" x 3/4" | .27 | .25 |
| CF-174 | 20 | 12 | 3/8" x 3/4" | .28 | .26 |
| CF-175 | 30 | 12 | 1/2" x 1 1/2" | .29 | .27 |
| CF-176 | 50 | 12 | 1/2" x 1 1/2" | .31 | .29 |
| CF-177 | 100 | 12 | 3/8" x 1 1/2" | .33 | .31 |

BARCO TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

Imported from Holland
 Hermetically sealed aluminum cans. Shpg. wt., 2 oz.

| Stock No. | Type | Cap Mfd. | VWDC | Dia. Lth. | Net |
|-----------|-----------|----------|------|-------------|-----|
| CG-125 | P6-1 | 1 | 6 | 1/8" x 1/8" | .50 |
| CG-126 | PT6-2 | 2 | 6 | 1/8" x 1/8" | .41 |
| CG-127 | P6-251 | 25 | 6 | 1/4" x 1/8" | .44 |
| CG-128 | PC6-801 | 80 | 6 | 1/4" x 1/8" | .50 |
| CG-129 | PCH6-160 | 160 | 6 | 3/8" x 1/8" | .73 |
| CG-130 | PT8-2 | 2 | 8 | 1/8" x 3/8" | .59 |
| CG-133 | PS12-31 | 3 | 12 | 1/2" x 3/8" | .41 |
| CG-134 | P12-51 | 5 | 12 | 1/2" x 3/8" | .50 |
| CG-135 | P12-161 | 16 | 12 | 1/2" x 3/8" | .44 |
| CG-136 | P12-501 | 50 | 12 | 3/8" x 1/8" | .59 |
| CG-137 | PX25-2.51 | 2.5 | 25 | 1/2" x 3/8" | .50 |
| CG-138 | PT50-25 | 25 | 50 | 1/2" x 3/8" | .59 |
| CG-140 | P25-81 | 8 | 25 | 3/8" x 1/8" | .59 |
| CG-141 | PC25-251 | 25 | 25 | 1/4" x 1/8" | .50 |
| CG-142 | PCH25-501 | 50 | 25 | 3/8" x 1/8" | .73 |
| CG-143 | P40-51 | 5 | 40 | 1/4" x 1/8" | .44 |
| CG-144 | PC40-301 | 30 | 40 | 3/8" x 1/8" | .59 |
| CG-145 | P70-3 | 3 | 70 | 1/2" x 3/8" | .44 |
| CG-146 | P70-101 | 10 | 70 | 3/8" x 1/8" | .59 |
| CG-147 | P70-201 | 20 | 70 | 3/8" x 1/8" | .73 |
| CG-148 | PT150-81 | 8 | 150 | 3/8" x 1/8" | .73 |

SPRAGUE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

Reliable, hermetically sealed subminiature electrolytic capacitors. Excellent replacement capacitors for transistorized equipment. Diam. vary from 3/16" to 3/8" lengths from 1/2" to 1 1/2". Shpg. wt., 2 oz.

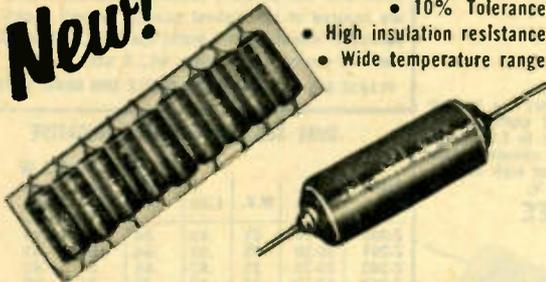
| Stock No. | Type | Mfd. μ F | VWDC | 1-24 | 25-49 | 50-99 | 100 Up |
|-----------|--------|--------------|------|------|-------|-------|--------|
| CG-20 | TE1010 | 5 | 1 | .75 | .51 | .40 | .32 |
| CG-88 | TE1050 | 1 | 3 | .75 | .51 | .40 | .32 |
| CG-21 | TE1051 | 2 | 3 | .75 | .51 | .40 | .32 |
| CG-89 | TE1052 | 3 | 3 | .75 | .51 | .40 | .32 |
| CG-22 | TE1053 | 10 | 3 | .75 | .51 | .40 | .32 |
| CG-90 | TE1054 | 20 | 3 | .75 | .51 | .40 | .32 |
| CG-23 | TE1055 | 25 | 3 | .75 | .53 | .42 | .33 |
| CG-24 | TE1057 | 40 | 3 | .75 | .53 | .42 | .33 |
| CG-91 | TE1058 | 50 | 3 | .75 | .51 | .40 | .32 |
| CG-92 | TE1059 | 75 | 3 | .82 | .56 | .43 | .35 |
| CG-25 | TE1060 | 110 | 3 | .84 | .61 | .48 | .38 |
| CG-26 | TE1064 | 200 | 3 | .90 | .61 | .48 | .38 |
| CG-27 | TE1080 | 1 | 6 | .75 | .51 | .40 | .32 |
| CG-28 | TE1081 | 2 | 6 | .75 | .51 | .40 | .32 |
| CG-29 | TE1082 | 3 | 6 | .75 | .51 | .40 | .32 |
| CG-30 | TE1083 | 4 | 6 | .75 | .51 | .40 | .32 |
| CG-31 | TE1084 | 5 | 6 | .75 | .51 | .40 | .32 |
| CG-93 | TE1085 | 6 | 6 | .73 | .51 | .40 | .32 |
| CG-32 | TE1086 | 8 | 6 | .81 | .51 | .40 | .32 |
| CG-33 | TE1087 | 10 | 6 | .81 | .51 | .40 | .32 |
| CG-34 | TE1089 | 15 | 6 | .81 | .53 | .42 | .33 |
| CG-35 | TE1091 | 25 | 6 | .81 | .53 | .42 | .33 |
| CG-94 | TE1090 | 20 | 6 | .79 | .53 | .42 | .33 |
| CG-36 | TE1092 | 30 | 6 | .84 | .53 | .42 | .33 |
| CG-95 | TE1093 | 35 | 6 | .82 | .53 | .42 | .33 |
| CG-37 | TE1095 | 40 | 6 | .84 | .56 | .43 | .36 |
| CG-38 | TE1100 | 50 | 6 | .84 | .56 | .43 | .36 |
| CG-39 | TE1101 | 60 | 6 | .84 | .61 | .48 | .38 |
| CG-40 | TE1102 | 100 | 6 | .90 | .61 | .48 | .38 |
| CG-96 | TE1103 | 150 | 6 | .92 | .61 | .48 | .38 |
| CG-97 | TE1106 | 300 | 6 | 1.06 | .69 | .54 | .43 |
| CG-41 | TE1114 | 10 | 10 | .81 | .53 | .42 | .33 |
| CG-42 | TE1116 | 15 | 10 | .81 | .53 | .42 | .33 |
| CG-43 | TE1118 | 25 | 10 | .81 | .56 | .43 | .33 |
| CG-98 | TE1120 | 1 | 12 | .73 | .51 | .40 | .32 |
| CG-99 | TE1122 | 3 | 12 | .73 | .51 | .40 | .32 |
| CG-44 | TE1127 | 5 | 12 | .81 | .51 | .40 | .32 |
| CG-45 | TE1128 | 10 | 12 | .81 | .51 | .40 | .32 |
| CG-100 | TE1129 | 15 | 12 | .82 | .53 | .42 | .33 |
| CG-101 | TE1133 | 50 | 12 | .91 | .61 | .48 | .38 |
| CG-102 | TE1135 | 100 | 12 | 1.03 | .61 | .48 | .38 |
| CG-117 | TE1138 | 250 | 12 | 1.29 | .72 | .56 | .45 |
| CG-103 | TE1148 | 1 | 15 | .73 | .51 | .40 | .32 |
| CG-104 | TE1149 | 2 | 15 | .73 | .51 | .40 | .32 |
| CG-46 | TE1152 | 5 | 15 | .84 | .51 | .40 | .32 |
| CG-105 | TE1153 | 6 | 15 | .82 | .51 | .40 | .32 |
| CG-47 | TE1155 | 10 | 15 | .84 | .53 | .42 | .33 |
| CG-48 | TE1157 | 20 | 15 | .87 | .53 | .42 | .33 |
| CG-49 | TE1158 | 30 | 15 | .90 | .56 | .43 | .35 |
| CG-106 | TE1160 | 50 | 15 | .94 | .61 | .48 | .38 |
| CG-50 | TE1162 | 100 | 15 | 1.08 | .61 | .48 | .38 |
| CG-51 | TE1163 | 150 | 15 | 1.17 | .66 | .51 | .41 |
| CG-52 | TE1164 | 200 | 15 | 1.26 | .72 | .56 | .45 |
| CG-107 | TE1201 | 2 | 25 | .76 | .51 | .40 | .32 |
| CG-53 | TE1202 | 5 | 25 | .84 | .53 | .42 | .33 |
| CG-54 | TE1203 | 6 | 25 | .84 | .53 | .42 | .33 |
| CG-55 | TE1204 | 10 | 25 | .87 | .53 | .42 | .33 |
| CG-56 | TE1205 | 15 | 25 | .87 | .56 | .43 | .35 |
| CG-57 | TE1206 | 20 | 25 | .90 | .61 | .48 | .38 |
| CG-108 | TE1207 | 25 | 25 | .91 | .61 | .48 | .38 |
| CG-109 | TE1209 | 50 | 25 | 1.06 | .61 | .48 | .38 |
| CG-58 | TE1211 | 100 | 25 | 1.26 | .67 | .52 | .42 |
| CG-110 | TE1300 | 1 | 50 | .76 | .59 | .46 | .37 |
| CG-111 | TE1302 | 3 | 50 | .79 | .59 | .46 | .37 |
| CG-59 | TE1303 | 5 | 50 | .87 | .59 | .46 | .37 |
| CG-60 | TE1304 | 10 | 50 | .90 | .60 | .47 | .37 |
| CG-61 | TE1305 | 20 | 50 | .90 | .61 | .48 | .38 |
| CG-112 | TE1307 | 50 | 50 | 1.09 | .65 | .51 | .41 |
| CG-62 | TE1400 | 1 | 100 | .81 | .60 | .47 | .37 |
| CG-113 | TE1401 | 2 | 100 | .82 | .60 | .47 | .37 |
| CG-63 | TE1403 | 4 | 100 | .84 | .60 | .47 | .37 |
| CG-114 | TE1404 | 5 | 100 | .88 | .60 | .47 | .37 |
| CG-64 | TE1405 | 6 | 100 | .90 | .60 | .47 | .38 |
| CG-65 | TE1406 | 8 | 100 | .93 | .60 | .47 | .38 |
| CG-66 | TE1407 | 10 | 100 | .93 | .60 | .47 | .38 |
| CG-67 | TE1409 | 20 | 100 | .96 | .63 | .49 | .39 |
| CG-115 | TE1501 | 2 | 150 | .85 | .63 | .49 | .39 |
| CG-116 | TE1504 | 5 | 150 | .91 | .63 | .49 | .39 |
| CG-68 | TE1505 | 6 | 150 | .93 | .63 | .49 | .39 |
| CG-69 | TE1506 | 8 | 150 | .96 | .63 | .49 | .40 |
| CG-70 | TE1507 | 10 | 150 | .96 | .63 | .49 | .40 |
| CG-71 | TE1508 | 12 | 150 | .96 | .65 | .51 | .41 |

LAFAYETTE SPECIAL CONDENSER VALUES

LAFAYETTE METAL CASED OIL FILLED TUBULAR CAPACITORS

New!

- Exceptional capacitance stability
- 10% Tolerance
- High insulation resistance
- Wide temperature range

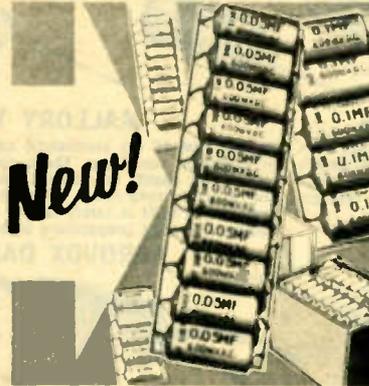


These oil-filled and oil impregnated paper capacitors are manufactured to high standards. Feature 10% tolerance. Operate efficiently from -40°C to +100°C. Ruggedly constructed in metal case with plastic insulating outer sleeve to withstand shock, voltage surge, moisture and other adverse operating conditions. Has low dielectric leakage, low power factor and exceptional capacitance stability. Lightweight compact, made to render long servicing life. Ideal for replacement and original applications in radio, TV and other electronic equipment. Outside foil is clearly printed. Doubly tinned copperweld type leads are firmly attached to the case. Conservatively rated at 600 WVDC. Avg. shpg. wt., 5 oz. each. Imported

| Type | Cap. Mfd. | Size D x L | NET | | |
|-------|-----------|----------------|--------|------------|-------------|
| | | | Single | Lots of 10 | Lots of 100 |
| C-800 | .001 | 9/32 x 26/32" | .09 | .81 | 6.00 |
| C-801 | .002 | 9/32 x 26/32" | .09 | .81 | 6.00 |
| C-802 | .005 | 9/32 x 27/32" | .09 | .81 | 6.00 |
| C-803 | .01 | 9/32 x 27/32" | .10 | .90 | 6.50 |
| C-804 | .02 | 10/32 x 27/32" | .11 | .99 | 7.50 |
| C-805 | .05 | 13/32 x 1" | .12 | 1.08 | 9.50 |
| C-806 | .1 | 15/32 x 1 1/4" | .14 | 1.26 | 11.40 |

PORCELAIN CASED TUBULAR CAPACITORS

New!



Greatest Condenser Value Ever Offered!

| KIT OF 100 600V W V DC | | KIT OF 50 600V W V DC | |
|---------------------------|------|--------------------------|------|
| QTY. | MFD. | QTY. | MFD. |
| 10 | .001 | 5 | .001 |
| 10 | .002 | 5 | .002 |
| 10 | .003 | 5 | .003 |
| 20 | .01 | 10 | .01 |
| 20 | .02 | 10 | .02 |
| 20 | .05 | 10 | .05 |
| 10 | .1 | 5 | .1 |

| | |
|---------------|---------------|
| KIT NO. KI-52 | KIT NO. KI-51 |
| 4 95 | 2 75 |
| SPECIAL NET | SPECIAL NET |

- Tested At 3 Times Working Voltage
- Exceptionally Resistant To High Temperatures and Moisture
- Surpasses Performance of Molded Plastic Tubulars

They're new, they're different, and they're better! Now, at a price far less than that of ordinary plastic molded tubulars, Lafayette brings you, for every day service work, a condenser that was designed for critical industrial applications. The case is of durable gleaming porcelain, a ceramic known for its high degree of imperviousness to moisture and resistance to heat. The capacitor is of finest quality, tested at 3 times the rated voltage with much closer capacity tolerance. The leads are firmly attached and sealed — they won't twist or break off. We've selected the most popular values and put them up in two serviceman designed kits. Each condenser is plainly marked. Each value is mounted on separate handy strips. All are conservatively rated at 600 DC working volts. See chart for contents of each kit. Imported

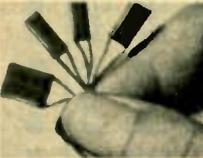
KI-51 Kit of 50 Shpg. wt., 3/4 lb. Net 2.75
KI-52 Kit of 100 Shpg. wt., 1 1/2 lbs. Net 4.95

LAFAYETTE MYLAR "TITANEX" 75 VOLT MICRO-MINIATURE CERAMIC CAPACITORS

- ± 10% Tolerance
- Tested to Working Voltage x 250%

Pressure molded, solid block construction. Exceptional humidity resistance. Du Pont MYLAR polyester film dielectric. Resin dip insulation. Designed for circuits requiring extremely small stable components — ideal for printed or transistor circuitry. Temperature range: from -25°C to 85°C without derating. All are rated at 75 W.V. D.C. Shpg. wt., 2 oz. Imported

RECTANGULAR TYPE (Fig. A)



| STOCK # | CAP. MFD. | Size W x T x H | Net | |
|---------|-----------|-------------------|-----|-------|
| | | | 1-9 | 10-99 |
| CF-150 | .0005 | 3/8 x 3/8 x 1 1/2 | .13 | .11 |
| CF-151 | .001 | 3/8 x 3/8 x 1 1/2 | .13 | .11 |
| CF-152 | .002 | 3/8 x 3/8 x 1 1/2 | .13 | .11 |
| CF-153 | .005 | 3/8 x 3/8 x 1 1/2 | .13 | .11 |
| CF-154 | .01 | 3/8 x 3/8 x 3/8 | .15 | .13 |
| CF-155 | .02 | 3/8 x 3/8 x 3/8 | .15 | .13 |
| CF-156 | .05 | 1/2 x 1/2 x 1/2 | .24 | .21 |
| CF-159 | .05 | 3/8 x 1/2 x 1/2 | .24 | .21 |
| CF-157 | .1 | 1/2 x 1/2 x 3/8 | .36 | .32 |
| CF-160 | .1 | 1/2 x 1/2 x 3/8 | .36 | .32 |
| CF-158 | .25 | 3/8 x 1/2 x 3/8 | .48 | .43 |

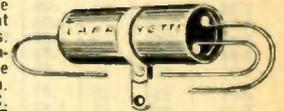
ROUND TYPE (Fig. B)

| | | | | |
|--------|---------|---------------------|-----|-----|
| CF-178 | .000002 | 1/8 dia. x 1/8" th. | .13 | .11 |
| CF-179 | .00002 | 3/8 dia. x 1/8" th. | .13 | .11 |
| CF-180 | .0001 | 3/8 dia. x 3/8" th. | .13 | .11 |
| CF-181 | .04 | 3/8 dia. x 3/8" th. | .24 | .21 |

AS LOW AS **.13**

LAFAYETTE TUBULAR ELECTROLYTICS

These new Lafayette electrolytic capacitors are specifically designed for service replacement applications. All are sealed in aluminum cans. All have wax impregnated cardboard outer insulating sleeves, have solid tinned copper wire leads with negative terminal grounded to can. Guaranteed for operation as high as 85°C. ONE OF THE BEST CONDENSERS ON THE MARKET TODAY, AND AT A CONSIDERABLE SAVING TO YOU! Avg. shpg. wt., 4 oz. ea.

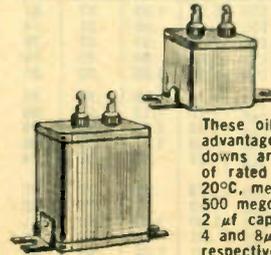


FRESH STOCK MONEY BACK GUARANTEE

| Stock No. | Mfd. | W. V. | Price in lots of 10 Each | |
|-----------|------|-------|--------------------------|--------------------------|
| | | | Net Each | Price in lots of 10 Each |
| C-128 | 10 | 25 | .29 | .27 |
| C-129 | 25 | 25 | .31 | .28 |
| C-100 | 20 | 150 | .30 | .27 |
| C-101 | 40 | 150 | .35 | .32 |
| C-113 | 8 | 450 | .35 | .32 |
| C-130 | 20 | 450 | .50 | .45 |
| C-131 | 40 | 450 | .61 | .56 |

| Dual Section Tubular Electrolytic | | | | |
|-----------------------------------|-------|-------|----------|--------------------------|
| Stock No. | Mfd. | W. V. | Net Each | Price in lots of 10 Each |
| C-127 | 20-20 | 150 | .37 | .33 |
| C-125 | 30-30 | 150 | .39 | .34 |
| C-126 | 40-40 | 150 | .41 | .37 |
| C-102 | 50-30 | 150 | .41 | .37 |
| C-106 | 50-50 | 150 | .44 | .40 |

OIL FILLED METALLIZED PAPER CAPACITORS



- Price Is Right
- Excellent for Building Your Own Crossover Network
- Self-Healing Type

These oil filled metallized paper capacitors have the advantage that they are self healing. Even many breakdowns are harmless. Capacitance tolerance is ± 10% of rated capacity. Dielectric loss less than 10% at 20°C, measured at 1000 cps. Insulation resistance over 500 megohms between terminals. Overall dimension for 2 μf capacitor is 1 1/4 x 3/4 x 1 1/4". Overall dimension for 4 and 8 μf capacitors are 1 3/4 x 3/4 x 2 1/4" and 1 3/4 x 3/4 x 2 1/4" respectively. Imported

| Stock No. | Cap. Mfd. | DCWV | Shpg. Wt. | Net Ea. |
|-----------|-----------|------|-----------|---------|
| CF-114 | 2 | 150 | 3 oz. | .59 |
| CF-115 | 4 | 150 | 3 oz. | .79 |
| CF-116 | 8 | 150 | 8 oz. | 1.19 |

WIDE RANGE ELECTROLYTIC CAPACITOR



Compact unit which provides exact electrical replacement for 8 original standard 150 VDCW capacitors used principally in printed circuit home radio receivers. Can also be used for many combinations of capacitance within its ratings to replace both single and dual capacitance units. 1 dia. x 2 1/2" L.

| | |
|------------|------------|
| 50-30 mfd. | 80-40 mfd. |
| 70-30 mfd. | 50-50 mfd. |
| 75-30 mfd. | 70-50 mfd. |
| 60-40 mfd. | 80-50 mfd. |

Z-246 Net 1.18

KIT OF 50



AS LOW AS 99c

KIT OF 50 ASSORTED MICA CONDS.

A kit of the most popular mica capacitors for service-men. Contains 50 popular sizes. A handy assortment for any service shop or experimenter. Shpg. wt., 2 lbs.

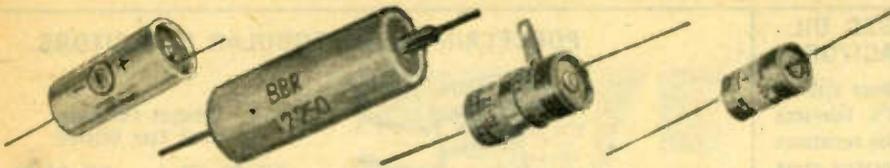
| | |
|-----------|----------|
| KI-10 | Net 1.19 |
| Lots of 3 | Each .99 |

CORNELL-MALLORY-SPRAGUE-AEROVOX-ELECTROLYTICS

STANDARD BRANDS

Because no one manufacturer offers all sizes, we have made this integrated list more comprehensive than any other electronic distributor. Since your order will be filled with one of the 4 famous brands illustrated, you are assured of the highest quality. We will supply any particular manufacturers brand specified, if available in the size desired. Avg. shpg. wt., 5 ozs.

PLEASE SEE NEXT PAGE FOR TRIPLE AND QUAD. UNITS.



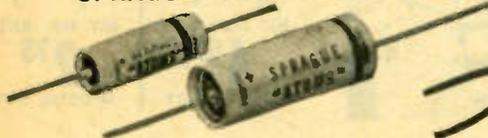
CORNELL BLUE BEAVER

Cornell Dubilier types BBR, BR and BBRD are dry electrolytics in compact aluminum cases. Highest quality for T.V. general replacement with extra safety for high surge voltages in power supplies. Very low leakage. Operating temperature up to 85° C.

MALLORY TC

Mallory type TC dry electrolytic capacitors are housed in aluminum containers. These compact units are of the highest quality and are ideal for use in T.V., radio and general replacement in electronic circuitry. Low leakage and built in safety factors against high voltage surges. Operating temperature up to 85° C.

SPRAGUE "ATOMS"



Sprague types TVA and TV are dry electrolytics in extremely compact metal cases. They are designed to withstand high surge voltages and high ripple currents making them ideal for TV replacements, power supplies, etc. Leakage is very low. Efficient at temperatures up to 85° C.

AEROVOX DANDEE

AeroVox type PRS are dry electrolytic in compact aluminum cases. Dependable replacements for T.V. and all electronic equipment when a quality unit is required. Feature low leakage high voltage surge protection and operating temperature up to 85° C.

DUAL SECTION—COMMON NEGATIVE

| Stock No. | Cap. MFD. | W.V. | NET EACH IN LOTS OF | | | |
|-----------|-----------|------|---------------------|-------|-------|---------|
| | | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-200 | 10-10 | 25 | .82 | .64 | .53 | .45 |
| Z-201 | 20-20 | 25 | .82 | .64 | .54 | .43 |
| Z-202 | 25-25 | 25 | .82 | .64 | .54 | .43 |
| Z-203 | 10-10 | 50 | .82 | .73 | .57 | .46 |
| Z-204 | 8-8 | 150 | .88 | .68 | .55 | .47 |
| Z-205 | 8-16 | 150 | .91 | .69 | .57 | .45 |
| Z-206 | 16-16 | 150 | 1.06 | .78 | .61 | .49 |
| Z-207 | 20-10 | 150 | .91 | .71 | .57 | .46 |
| Z-208 | 20-12 | 150 | .94 | .78 | .61 | .49 |
| Z-209 | 20-20 | 150 | .97 | .76 | .59 | .50 |
| Z-210 | 30-20 | 150 | 1.00 | .79 | .61 | .51 |
| Z-211 | 30-30 | 150 | 1.06 | .81 | .63 | .53 |
| Z-212 | 40-20 | 150 | 1.03 | .81 | .63 | .52 |
| Z-213 | 40-30 | 150 | 1.06 | .84 | .65 | .54 |
| Z-214 | 40-40 | 150 | 1.06 | .84 | .67 | .55 |
| Z-215 | 50-30 | 150 | 1.14 | .86 | .67 | .55 |
| Z-216 | 50-50 | 150 | 1.23 | .89 | .69 | .58 |
| Z-217 | 80-30 | 150 | 1.29 | .94 | .73 | .59 |
| Z-218 | 80-40 | 150 | 1.29 | .94 | .73 | .58 |
| Z-219 | 80-50 | 150 | 1.38 | .97 | .76 | .61 |
| Z-220 | 100-100 | 150 | 1.88 | 1.13 | .88 | .70 |
| Z-221 | 8-8 | 200 | .88 | .68 | .56 | .45 |
| Z-222 | 8-16 | 200 | .94 | .75 | .58 | .47 |
| Z-223 | 16-16 | 200 | 1.00 | .77 | .60 | .48 |
| Z-224 | 30-30 | 200 | 1.26 | .88 | .68 | .55 |
| Z-225 | 8-8 | 250 | .94 | .75 | .58 | .47 |
| Z-226 | 10-10 | 250 | .97 | .75 | .58 | .46 |
| Z-227 | 16-8 | 250 | 1.00 | .76 | .53 | .50 |
| Z-228 | 16-16 | 250 | 1.00 | .76 | .53 | .50 |
| Z-229 | 20-20 | 250 | 1.09 | .86 | .67 | .55 |
| Z-230 | 30-30 | 250 | 1.32 | .95 | .74 | .59 |
| Z-231 | 40-10 | 250 | 1.21 | .94 | .73 | .58 |
| Z-232 | 75-20 | 250 | 1.51 | 1.36 | 1.24 | .99 |
| Z-233 | 80-10 | 250 | 1.50 | 1.35 | 1.23 | .98 |
| Z-234 | 10-10 | 350 | 1.00 | .76 | .53 | .50 |
| Z-235 | 20-20 | 350 | 1.32 | 1.06 | .82 | .66 |
| Z-236 | 8-8 | 450 | 1.00 | .79 | .66 | .55 |
| Z-237 | 10-10 | 450 | 1.09 | .84 | .70 | .58 |
| Z-238 | 15-15 | 450 | 1.32 | .95 | .74 | .59 |
| Z-239 | 16-8 | 450 | 1.17 | .91 | .74 | .61 |
| Z-240 | 16-16 | 450 | 1.32 | 1.06 | .82 | .66 |
| Z-241 | 20-20 | 450 | 1.48 | 1.13 | .89 | .74 |
| Z-242 | 30-30 | 450 | 1.76 | 1.41 | 1.10 | .91 |
| Z-243 | 40-20 | 450 | 1.73 | 1.33 | 1.09 | .87 |
| Z-244 | 40-40 | 450 | 1.97 | 1.55 | 1.29 | 1.12 |
| Z-245 | 50-30 | 450 | 2.00 | 1.57 | 1.34 | 1.07 |

SINGLE SECTION

| Stock No. | Cap. MFD. | W.V. | NET EACH IN LOTS OF | | | | Stock No. | Cap. MFD. | W.V. | NET EACH IN LOTS OF | | | |
|-----------|-----------|------|---------------------|-------|-------|---------|-----------|-----------|------|---------------------|-------|-------|---------|
| | | | 1-24 | 25-49 | 50-99 | 100-249 | | | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-60 | 1000 | 3 | .92 | .80 | .63 | .50 | Z-119 | 4 | 250 | .60 | .48 | .37 | .30 |
| Z-61 | 2000 | 4 | 1.26 | .93 | .72 | .58 | Z-120 | 5 | 250 | .63 | .46 | .36 | .29 |
| Z-62 | 50 | 6 | .55 | .41 | .32 | .26 | Z-121 | 8 | 250 | .68 | .51 | .41 | .34 |
| Z-63 | 100 | 6 | .70 | .50 | .39 | .32 | Z-122 | 10 | 250 | .71 | .56 | .43 | .35 |
| Z-64 | 250 | 6 | .79 | .64 | .50 | .40 | Z-123 | 12 | 250 | .73 | .56 | .44 | .36 |
| Z-65 | 500 | 6 | .91 | .73 | .57 | .46 | Z-124 | 16 | 250 | .76 | .60 | .47 | .38 |
| Z-66 | 1000 | 6 | 1.11 | .85 | .69 | .56 | Z-125 | 20 | 250 | .79 | .61 | .50 | .40 |
| Z-67 | 1500 | 6 | 1.23 | .98 | .76 | .61 | Z-126 | 30 | 250 | .85 | .65 | .53 | .43 |
| Z-68 | 2000 | 6 | 1.35 | 1.08 | .84 | .67 | Z-127 | 40 | 250 | .91 | .69 | .57 | .46 |
| Z-69 | 100 | 12 | .70 | .51 | .40 | .32 | Z-128 | 50 | 250 | 1.00 | .76 | .62 | .51 |
| Z-70 | 250 | 12 | .85 | .65 | .53 | .43 | Z-129 | 60 | 250 | 1.05 | .81 | .66 | .53 |
| Z-71 | 500 | 12 | 1.00 | .79 | .62 | .49 | Z-130 | 4 | 350 | 1.02 | .80 | .62 | .50 |
| Z-72 | 1000 | 12 | 1.32 | 1.05 | .82 | .65 | Z-131 | 5 | 350 | 1.02 | .80 | .62 | .50 |
| Z-74 | 100 | 15 | .73 | .52 | .40 | .33 | Z-132 | 8 | 350 | .71 | .55 | .43 | .35 |
| Z-75 | 200 | 15 | .82 | .60 | .47 | .40 | Z-133 | 10 | 350 | .73 | .56 | .46 | .37 |
| Z-76 | 250 | 15 | .91 | .69 | .57 | .46 | Z-134 | 12 | 350 | .76 | .60 | .47 | .38 |
| Z-77 | 500 | 15 | 1.03 | .79 | .64 | .52 | Z-135 | 16 | 350 | .82 | .63 | .51 | .41 |
| Z-78 | 1000 | 15 | 1.35 | 1.07 | .84 | .67 | Z-136 | 20 | 350 | .85 | .68 | .53 | .42 |
| Z-79 | 2000 | 15 | 1.88 | 1.54 | 1.10 | .88 | Z-137 | 24 | 350 | .91 | .72 | .56 | .46 |
| Z-80 | 2 | 25 | .51 | .39 | .31 | .25 | Z-138 | 30 | 350 | .89 | .73 | .60 | .48 |
| Z-81 | 5 | 25 | .59 | .42 | .33 | .26 | Z-139 | 40 | 350 | 1.03 | .80 | .62 | .50 |
| Z-82 | 10 | 25 | .59 | .43 | .33 | .26 | Z-140 | 50 | 350 | 1.08 | .87 | .68 | .55 |
| Z-83 | 16 | 25 | .59 | .44 | .35 | .28 | Z-141 | 60 | 350 | 1.14 | .91 | .71 | .57 |
| Z-84 | 20 | 25 | .59 | .42 | .34 | .28 | Z-142 | 1 | 450 | .65 | .51 | .39 | .32 |
| Z-85 | 25 | 25 | .59 | .44 | .34 | .28 | Z-143 | 2 | 450 | .65 | .52 | .41 | .33 |
| Z-86 | 50 | 25 | .65 | .47 | .36 | .30 | Z-144 | 4 | 450 | .68 | .52 | .42 | .34 |
| Z-87 | 100 | 25 | .79 | .57 | .44 | .36 | Z-145 | 5 | 450 | .70 | .55 | .43 | .35 |
| Z-88 | 250 | 25 | 1.00 | .78 | .61 | .49 | Z-146 | 8 | 450 | .73 | .56 | .46 | .37 |
| Z-89 | 500 | 25 | 1.35 | 1.07 | .83 | .67 | Z-147 | 10 | 450 | .76 | .59 | .46 | .37 |
| Z-90 | 1 | 50 | .53 | .39 | .30 | .25 | Z-148 | 12 | 450 | .79 | .61 | .50 | .40 |
| Z-91 | 2 | 50 | .53 | .39 | .31 | .25 | Z-149 | 16 | 450 | .82 | .64 | .53 | .42 |
| Z-92 | 5 | 50 | .59 | .41 | .32 | .26 | Z-150 | 20 | 450 | .91 | .72 | .56 | .46 |
| Z-93 | 10 | 50 | .59 | .42 | .33 | .27 | Z-151 | 30 | 450 | 1.00 | .76 | .62 | .50 |
| Z-94 | 20 | 50 | .59 | .43 | .33 | .27 | Z-152 | 40 | 450 | 1.06 | .83 | .65 | .52 |
| Z-95 | 25 | 50 | .62 | .44 | .34 | .28 | Z-153 | 50 | 450 | 1.23 | .97 | .75 | .61 |
| Z-96 | 50 | 50 | .70 | .51 | .40 | .32 | Z-154 | 60 | 450 | 1.38 | 1.16 | .90 | .72 |
| Z-97 | 100 | 50 | .82 | .59 | .46 | .40 | Z-155 | 80 | 450 | 1.65 | 1.11 | .87 | .69 |
| Z-98 | 150 | 50 | .91 | .65 | .51 | .41 | Z-156 | 100 | 450 | 1.88 | 1.27 | 1.01 | .83 |
| Z-99 | 250 | 50 | 1.03 | .79 | .64 | .52 | Z-157 | 10 | 475 | .79 | .64 | .50 | .40 |
| Z-100 | 500 | 50 | 1.41 | 1.10 | .86 | .69 | Z-158 | 20 | 475 | .94 | .75 | .58 | .47 |
| Z-101 | 4 | 150 | .59 | .42 | .33 | .27 | Z-159 | 4 | 500 | .70 | .53 | .43 | .35 |
| Z-102 | 5 | 150 | .59 | .43 | .33 | .27 | Z-160 | 8 | 500 | .76 | .61 | .47 | .38 |
| Z-103 | 8 | 150 | .62 | .44 | .34 | .28 | Z-161 | 10 | 500 | .79 | .63 | .49 | .40 |
| Z-104 | 10 | 150 | .62 | .45 | .35 | .28 | Z-162 | 12 | 500 | .82 | .64 | .51 | .41 |
| Z-105 | 12 | 150 | .65 | .47 | .36 | .29 | Z-163 | 16 | 500 | .88 | .70 | .54 | .44 |
| Z-106 | 16 | 150 | .68 | .49 | .38 | .31 | Z-164 | 20 | 500 | .94 | .74 | .58 | .47 |
| Z-107 | 20 | 150 | .70 | .50 | .39 | .32 | Z-165 | 30 | 500 | 1.03 | .79 | .64 | .52 |
| Z-108 | 24 | 150 | .73 | .52 | .41 | .36 | Z-167 | 8 | 600 | 1.68 | 1.31 | 1.02 | .85 |
| Z-109 | 25 | 150 | .73 | .57 | .45 | .36 | Z-168 | 10 | 600 | 1.73 | 1.35 | 1.05 | .84 |
| Z-110 | 30 | 150 | .76 | .55 | .43 | .35 | Z-169 | 12 | 600 | 1.85 | 1.43 | 1.11 | .89 |
| Z-111 | 40 | 150 | .79 | .58 | .45 | .36 | Z-170 | 16 | 600 | 2.03 | 1.57 | 1.22 | .97 |
| Z-112 | 50 | 150 | .82 | .59 | .46 | .38 | Z-171 | 20 | 600 | 2.09 | 1.61 | 1.25 | 1.00 |
| Z-113 | 60 | 150 | .88 | .63 | .49 | .49 | Z-172 | 8 | 700 | 1.71 | 1.33 | 1.04 | .90 |
| Z-114 | 80 | 150 | .94 | .68 | .53 | .43 | Z-173 | 10 | 700 | 1.79 | 1.40 | 1.09 | .94 |
| Z-115 | 100 | 150 | 1.03 | .74 | .58 | .47 | Z-174 | 12 | 700 | 1.91 | 1.48 | 1.15 | .97 |
| Z-116 | 150 | 150 | 1.12 | .81 | .62 | .48 | Z-175 | 16 | 700 | 2.06 | 1.59 | 1.24 | 1.12 |
| Z-117 | 200 | 150 | 1.29 | .93 | .72 | .58 | | | | | | | |
| Z-118 | 300 | 150 | 1.50 | 1.10 | .88 | .72 | | | | | | | |

QUAD UNITS—SEPARATE SECTIONS

| Stock No. | Cap. MFD. | W.V. | NET EACH IN LOTS OF | | | |
|-----------|-----------|------|---------------------|-------|-------|---------|
| | | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-260 | 15-15 | 150 | 1.17 | 1.08 | .97 | .87 |
| Z-261 | 20-20 | 150 | .97 | .90 | .81 | .74 |
| Z-262 | 30-30 | 150 | 1.06 | .97 | .87 | .78 |
| Z-263 | 40-20 | 150 | 1.03 | .94 | .85 | .76 |
| Z-264 | 40-40 | 150 | 1.09 | 1.00 | .90 | .81 |
| Z-265 | 50-30 | 150 | 1.14 | 1.05 | .94 | .84 |
| Z-266 | 50-50 | 150 | 1.23 | 1.13 | 1.02 | .90 |
| Z-267 | 80-40 | 150 | 1.32 | 1.21 | 1.09 | .99 |
| Z-268 | 70-70 | 175 | 2.09 | 1.61 | 1.25 | 1.00 |
| Z-269 | 10-10 | 250 | .97 | .90 | .81 | .74 |
| Z-270 | 16-8 | 250 | 1.23 | .92 | .72 | .57 |
| Z-271 | 16-16 | 250 | 1.29 | .97 | .75 | .60 |
| Z-272 | 20-20 | 250 | 1.09 | 1.00 | .90 | .81 |
| Z-273 | 8-8 | 350 | .97 | .90 | .81 | .74 |
| Z-274 | 15-15 | 350 | 1.57 | 1.25 | .99 | .84 |
| Z-275 | 8-8 | 450 | 1.26 | .96 | .79 | .63 |
| Z-276 | 15-15 | 450 | 1.57 | 1.25 | .99 | .84 |
| Z-277 | 16-8 | 450 | 1.44 | 1.11 | .86 | .69 |
| Z-278 | 16-16 | 450 | 1.65 | 1.20 | .94 | .75 |
| Z-279 | 20-20 | 450 | 1.88 | 1.27 | 1.01 | .83 |

STANDARD BRAND TUBULARS ELECTROLYTICS-MOLDED TUBULARS

TUBULAR ELECTROLYTICS continued from facing page



TRIPLE SECTION

| Stock No. | Cap. Mfd. | W.V. | NET EACH IN LOTS OF | | | |
|-----------|-----------|-------------|---------------------|-------|-------|---------|
| | | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-300 | 20-10-10 | 150 | 1.17 | 1.08 | .97 | .87 |
| Z-301 | 20-20-20 | 150 | 1.48 | 1.14 | .88 | .79 |
| Z-302 | 30-20-10 | 150 | 1.48 | 1.14 | .88 | .79 |
| Z-303 | 30-25-20 | 150 | 1.48 | 1.14 | .88 | .79 |
| Z-304 | 30-30-20 | 150 | 1.55 | 1.17 | .91 | .79 |
| Z-305 | 30-30-30 | 150 | 1.55 | 1.17 | .91 | .79 |
| Z-306 | 40-20-20 | 150 | 1.55 | 1.17 | .91 | .79 |
| Z-307 | 40-30-20 | 150 | 1.55 | 1.17 | .91 | .79 |
| Z-308 | 40-40-20 | 150 | 1.60 | 1.21 | .94 | .75 |
| Z-309 | 40-40-40 | 150 | 1.64 | 1.25 | .97 | .87 |
| Z-310 | 50-30-10 | 150 | 1.55 | 1.17 | .91 | .79 |
| Z-311 | 50-30-20 | 150 | 1.60 | 1.21 | .94 | .75 |
| Z-312 | 80-40-20 | 150 | 1.70 | 1.30 | 1.01 | .90 |
| Z-313 | 80-50-50 | 150 | 1.82 | 1.39 | 1.08 | .87 |
| Z-314 | 20-20-20 | 150/25 | 1.45 | 1.11 | .86 | .78 |
| Z-315 | 30-20-20 | 150/25 | 1.47 | 1.13 | .88 | .70 |
| Z-316 | 30-20-100 | 150/25 | 1.55 | 1.19 | .92 | .74 |
| Z-317 | 30-30-20 | 150/25 | 1.03 | .94 | .85 | .76 |
| Z-318 | 30-30-100 | 150/25 | 1.35 | 1.31 | 1.02 | .82 |
| Z-319 | 40-20-20 | 150/25 | 1.50 | 1.15 | .89 | .72 |
| Z-320 | 40-30-20 | 150/25 | 1.52 | 1.17 | .91 | .81 |
| Z-321 | 40-40-20 | 150/25 | 1.56 | 1.19 | .92 | .74 |
| Z-322 | 40-40-100 | 150/25 | 1.64 | 1.24 | .97 | .87 |
| Z-323 | 40-40-250 | 150/10 | 1.67 | 1.27 | .99 | .79 |
| Z-324 | 50-30-20 | 150/25 | 1.56 | 1.19 | .92 | .83 |
| Z-325 | 50-30-100 | 150/25 | 1.64 | 1.24 | .97 | .77 |
| Z-326 | 50-30-200 | 150/10 | 1.50 | 1.15 | .89 | .72 |
| Z-327 | 50-30-200 | 150/25 | 1.62 | 1.46 | 1.14 | .91 |
| Z-328 | 50-30-250 | 150/25 | 1.77 | 1.36 | 1.06 | .84 |
| Z-329 | 50-50-20 | 150/25 | 1.63 | 1.23 | .95 | .86 |
| Z-330 | 80-20-100 | 150/25 | 1.66 | 1.28 | 1.00 | .80 |
| Z-331 | 80-40-20 | 150/25 | 1.66 | 1.24 | .96 | .77 |
| Z-332 | 20-20-20 | 250/25 | 1.32 | 1.06 | .82 | .66 |
| Z-333 | 40-20-20 | 250/25 | 1.50 | 1.15 | .89 | .72 |
| Z-334 | 40-40-20 | 250/25 | 1.70 | 1.30 | 1.01 | .90 |
| Z-335 | 75-40-10 | 250 | 2.02 | 1.59 | 1.36 | 1.09 |
| Z-336 | 40-30-40 | 350/250/150 | 1.97 | 1.55 | 1.29 | 1.12 |
| Z-337 | 12-12-20 | 150/25 | 1.35 | 1.31 | 1.02 | .82 |
| Z-338 | 16-16-16 | 450 | 1.98 | 1.37 | 1.11 | .93 |
| Z-339 | 20-20-20 | 450/25 | 1.82 | 1.39 | 1.08 | .87 |
| Z-340 | 30-50-100 | 450/150/25 | 1.84 | 1.41 | 1.10 | .89 |
| Z-341 | 30-30-30 | 450/350/250 | 2.16 | 1.68 | 1.32 | 1.07 |
| Z-342 | 40-20-10 | 450 | 2.16 | 1.68 | 1.32 | 1.07 |

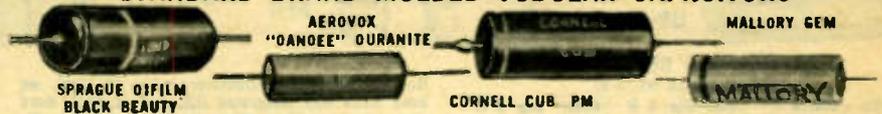
QUADRUPLE UNITS

| Stock No. | Cap MFD. | W.V. | NET EACH IN LOTS OF | | | |
|-----------|-------------|--------|---------------------|-------|-------|---------|
| | | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-400 | 30-30-20-20 | 150/25 | 1.71 | 1.34 | 1.14 | .91 |
| Z-401 | 40-20-20-20 | 150/25 | 1.68 | 1.33 | 1.14 | .91 |
| Z-402 | 50-30-20-20 | 150/25 | 1.80 | 1.44 | 1.17 | .93 |
| Z-403 | 40-40-30-20 | 150/25 | 1.77 | 1.42 | 1.18 | .94 |
| Z-404 | 50-50-50-20 | 150/25 | 2.03 | 1.63 | 1.24 | .99 |
| Z-405 | 20-20-20-20 | 450/25 | 2.38 | 1.91 | 1.48 | 1.19 |

HIGH VOLTAGE MOLDED TUBULAR CAPACITORS

| Stock No. | Cap Mfd | W.V. | NET EACH IN LOTS OF | | | |
|-----------|---------|-------|---------------------|-------|-------|---------|
| | | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-675 | .0005 | 6000 | .650 | .484 | .376 | .301 |
| Z-676 | .001 | 6000 | .710 | .500 | .389 | .311 |
| Z-677 | .005 | 6000 | .730 | .513 | .399 | .319 |
| Z-678 | .0005 | 10000 | .680 | .513 | .389 | .319 |
| Z-679 | .00025 | 12500 | .680 | .513 | .399 | .319 |

STANDARD BRAND MOLDED TUBULAR CAPACITORS



STANDARD BRANDS

Because no one manufacturer offers all sizes, we have made this integrated list more comprehensive than any other electronic distributor. Since your order will be

filled with one of the 4 famous brands illustrated, you are assured of the highest quality. We will supply any particular manufacturer brand specified, if available in the size desired. Avg. shpg. wt., 5 ozs.

200 VOLTS DC WORKING

| Stock No. | Cap. Mfd. | NET EACH IN LOTS OF | | | |
|-----------|-----------|---------------------|-------|-------|---------|
| | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-500 | .02 | .150 | .108 | .084 | .067 |
| Z-501 | .047 | .180 | .119 | .093 | .074 |
| Z-502 | .05 | .180 | .119 | .093 | .074 |
| Z-503 | .1 | .210 | .135 | .105 | .084 |
| Z-504 | .15 | .210 | .153 | .119 | .095 |
| Z-505 | .22 | .240 | .178 | .138 | .110 |
| Z-506 | .25 | .270 | .194 | .159 | .120 |
| Z-507 | .33 | .300 | .218 | .170 | .136 |
| Z-508 | .47 | .360 | .263 | .205 | .164 |
| Z-509 | .5 | .360 | .266 | .207 | .165 |
| Z-510 | 1.0 | .630 | .457 | .355 | .284 |

600 VOLTS DC WORKING

| Stock No. | Cap. Mfd. | NET EACH IN LOTS OF | | | |
|-----------|-----------|---------------------|-------|-------|---------|
| | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-550 | .0001 | .150 | .108 | .084 | .067 |
| Z-551 | .00025 | .150 | .108 | .084 | .067 |
| Z-552 | .0004 | .150 | .108 | .084 | .067 |
| Z-553 | .0005 | .150 | .108 | .084 | .067 |
| Z-554 | .001 | .150 | .108 | .084 | .067 |
| Z-555 | .0015 | .150 | .108 | .084 | .067 |
| Z-556 | .002 | .150 | .108 | .084 | .067 |
| Z-557 | .0022 | .150 | .110 | .086 | .069 |
| Z-558 | .003 | .150 | .110 | .086 | .069 |
| Z-559 | .0033 | .150 | .110 | .086 | .069 |
| Z-560 | .004 | .150 | .110 | .086 | .069 |
| Z-561 | .0047 | .150 | .110 | .086 | .069 |
| Z-562 | .005 | .150 | .110 | .086 | .069 |
| Z-563 | .006 | .150 | .110 | .086 | .069 |
| Z-564 | .0068 | .150 | .113 | .088 | .070 |
| Z-565 | .007 | .150 | .113 | .088 | .070 |
| Z-566 | .0075 | .180 | .113 | .088 | .070 |
| Z-567 | .01 | .180 | .117 | .091 | .073 |
| Z-568 | .015 | .180 | .122 | .095 | .076 |
| Z-569 | .02 | .180 | .128 | .100 | .080 |
| Z-570 | .022 | .180 | .133 | .103 | .083 |
| Z-571 | .025 | .210 | .135 | .105 | .084 |
| Z-572 | .03 | .210 | .142 | .110 | .088 |
| Z-573 | .033 | .210 | .144 | .112 | .090 |
| Z-574 | .04 | .210 | .149 | .116 | .092 |
| Z-575 | .047 | .210 | .151 | .117 | .094 |
| Z-576 | .05 | .240 | .153 | .119 | .095 |
| Z-577 | .06 | .240 | .164 | .128 | .106 |
| Z-578 | .068 | .240 | .173 | .135 | .108 |
| Z-579 | .075 | .260 | .182 | .142 | .113 |
| Z-580 | .1 | .260 | .212 | .165 | .132 |
| Z-581 | .15 | .350 | .254 | .198 | .158 |
| Z-582 | .2 | .380 | .290 | .226 | .181 |
| Z-583 | .22 | .410 | .306 | .238 | .190 |
| Z-584 | .25 | .440 | .329 | .256 | .204 |
| Z-585 | .47 | .730 | .518 | .403 | .322 |
| Z-586 | .5 | .730 | .538 | .418 | .335 |
| Z-587 | 1.0 | .730 | .630 | .570 | .520 |

400 VOLTS DC WORKING

| Stock No. | Cap. Mfd. | NET EACH IN LOTS OF | | | |
|-----------|-----------|---------------------|-------|-------|---------|
| | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-520 | .001 | .150 | .106 | .082 | .066 |
| Z-521 | .0068 | .150 | .106 | .082 | .066 |
| Z-522 | .0075 | .150 | .106 | .082 | .066 |
| Z-523 | .01 | .150 | .106 | .082 | .066 |
| Z-524 | .015 | .150 | .108 | .084 | .067 |
| Z-525 | .02 | .180 | .113 | .088 | .070 |
| Z-526 | .022 | .180 | .113 | .088 | .070 |
| Z-527 | .025 | .180 | .115 | .089 | .071 |
| Z-528 | .03 | .180 | .117 | .091 | .073 |
| Z-529 | .03 | .180 | .119 | .093 | .074 |
| Z-530 | .04 | .180 | .122 | .095 | .076 |
| Z-531 | .047 | .180 | .124 | .096 | .077 |
| Z-532 | .05 | .180 | .128 | .100 | .080 |
| Z-533 | .068 | .210 | .131 | .102 | .081 |
| Z-534 | .1 | .210 | .151 | .117 | .094 |
| Z-535 | .15 | .240 | .167 | .130 | .104 |
| Z-536 | .2 | .260 | .189 | .147 | .118 |
| Z-537 | .22 | .260 | .198 | .154 | .123 |
| Z-538 | .25 | .290 | .218 | .170 | .136 |
| Z-539 | .47 | .440 | .329 | .256 | .204 |
| Z-540 | .5 | .440 | .338 | .263 | .210 |
| Z-541 | 1.0 | .740 | .529 | .411 | .329 |

1000 VOLTS DC WORKING

| Stock No. | Cap. Mfd. | NET EACH IN LOTS OF | | | |
|-----------|-----------|---------------------|-------|-------|---------|
| | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-600 | .0005 | .300 | .140 | .110 | .090 |
| Z-601 | .001 | .300 | .124 | .096 | .077 |
| Z-602 | .0015 | .300 | .124 | .096 | .077 |
| Z-603 | .002 | .300 | .126 | .098 | .078 |
| Z-604 | .0022 | .300 | .126 | .098 | .078 |
| Z-605 | .003 | .300 | .128 | .100 | .080 |
| Z-608 | .0033 | .300 | .131 | .102 | .081 |
| Z-607 | .004 | .300 | .131 | .102 | .081 |
| Z-608 | .0047 | .300 | .131 | .102 | .081 |
| Z-609 | .005 | .300 | .133 | .103 | .083 |
| Z-610 | .006 | .300 | .140 | .109 | .087 |
| Z-611 | .0068 | .300 | .144 | .112 | .090 |
| Z-612 | .0075 | .300 | .144 | .112 | .090 |
| Z-613 | .01 | .300 | .151 | .117 | .094 |
| Z-614 | .015 | .300 | .162 | .126 | .101 |
| Z-615 | .02 | .300 | .169 | .131 | .105 |
| Z-616 | .022 | .300 | .173 | .135 | .108 |
| Z-617 | .025 | .300 | .178 | .138 | .111 |
| Z-618 | .03 | .300 | .187 | .145 | .116 |
| Z-619 | .033 | .360 | .191 | .149 | .119 |
| Z-620 | .035 | .300 | .230 | .180 | .150 |
| Z-621 | .04 | .360 | .203 | .158 | .126 |
| Z-622 | .047 | .360 | .214 | .166 | .133 |
| Z-623 | .05 | .360 | .218 | .170 | .136 |
| Z-624 | .06 | .360 | .232 | .180 | .144 |
| Z-625 | .068 | .410 | .243 | .189 | .151 |
| Z-626 | .1 | .440 | .240 | .185 | .148 |

1600 VOLTS DC WORKING

| Stock No. | Cap. Mfd. | NET EACH IN LOTS OF | | | |
|-----------|-----------|---------------------|-------|-------|---------|
| | | 1-24 | 25-49 | 50-99 | 100-249 |
| Z-640 | .0005 | .380 | .128 | .100 | .080 |
| Z-641 | .001 | .380 | .128 | .100 | .080 |
| Z-642 | .0015 | .380 | .131 | .102 | .081 |
| Z-643 | .002 | .380 | .135 | .105 | .084 |
| Z-644 | .0022 | .380 | .135 | .105 | .084 |
| Z-645 | .003 | .380 | .140 | .109 | .087 |
| Z-646 | .0033 | .380 | .142 | .110 | .088 |
| Z-647 | .004 | .380 | .146 | .114 | .091 |
| Z-648 | .0047 | .380 | .153 | .119 | .095 |
| Z-649 | .005 | .380 | .164 | .128 | .102 |
| Z-650 | .006 | .380 | .164 | .128 | .102 |
| Z-651 | .0068 | .380 | .164 | .128 | .102 |
| Z-652 | .007 | .410 | .182 | .142 | .113 |
| Z-653 | .0075 | .410 | .182 | .142 | .113 |
| Z-654 | .008 | .410 | .182 | .142 | .113 |
| Z-655 | .01 | .410 | .182 | .142 | .113 |
| Z-656 | .015 | .410 | .205 | .159 | .127 |
| Z-657 | .02 | .410 | .223 | .173 | .139 |
| Z-658 | .022 | .410 | .232 | .180 | .144 |
| Z-659 | .025 | .320 | .241 | .187 | .150 |
| Z-660 | .03 | .410 | .259 | .201 | .161 |
| Z-661 | .033 | .410 | .270 | | |

TWIST PRONG CAPACITORS



CAPACITORS SIZE CHART

Average Shpg. wt., 8 oz.

| Code | Oia. | X | H | Code | Oia. | X | H | Code | Oia. | X | H |
|------|------|---------|---|------|--------|---------|---|------|--------|---------|---|
| A | 3/4" | x2" | | G | 1" | x3 3/8" | | M | 1 3/8" | x3 1/2" | |
| B | 3/4" | x2 1/2" | | H | 1" | x4" | | N | 1 3/8" | x3 3/8" | |
| C | 1" | x2" | | I | 1" | x4 1/8" | | P | 1 3/8" | x4" | |
| D | 1" | x2 1/2" | | J | 1 3/8" | x2" | | Q | 1 3/8" | x4 1/8" | |
| E | 1" | x3" | | K | 1 3/8" | x2 1/2" | | R | 1 3/8" | x5" | |
| F | 1" | x3 1/2" | | L | 1 3/8" | x3" | | | | | |

Because no one manufacturer makes all sizes, we have made this integrated list, that is much more comprehensive than other electronic jobbers. Orders will be filled with one of the 4 famous brands listed above. Types with * are for high surge selenium circuits. Average shpg. wt., 8 oz.

ATTENTION INDUSTRIALS QUANTITY PRICES

On quantities of any item on this page (not assorted), you may deduct the following discounts from prices below:
 25 of 1 type deduct 33 1/3%
 50 of 1 type deduct 50%
 100 of 1 type deduct 60%

SINGLE SECTION

SINGLE SECTION

SINGLE SECTION

SINGLE SECTION

| Stock No. | Mfd. | OCWV | Size | Net |
|-----------|------|------|------|------|
| Z-802 | 2000 | 6 | J | 1.79 |
| Z-785 | 225 | 15 | A | 1.03 |
| Z-804 | 1000 | 15 | D | 1.50 |
| Z-805 | 2000 | 15 | K | 2.03 |
| Z-806 | 3000 | 15 | L | 2.50 |
| Z-786 | 4000 | 15 | M | 2.20 |
| Z-807 | 40 | 25 | A | .79 |
| Z-809 | 500 | 25 | C | 1.50 |
| Z-810 | 1000 | 25 | J | 2.09 |
| Z-811 | 4 | 50 | A | .91 |
| Z-812 | 100 | 50 | A | .97 |
| Z-813 | 150 | 50 | C | 1.06 |
| Z-814 | 500 | 50 | J | 1.56 |
| Z-815 | 1000 | 50 | N | 2.20 |
| Z-816 | 1500 | 50 | Q | 2.59 |
| Z-818 | 30 | 150 | A | .91 |

| Stock No. | Mfd. | OCWV | Size | Net |
|-----------|------|------|------|------|
| Z-820 | 50 | 150 | C | .97 |
| Z-821* | 80 | 150 | C | 1.09 |
| Z-822* | 100 | 150 | D | 1.17 |
| Z-823 | 120 | 150 | J | 1.20 |
| Z-787* | 120 | 150 | D | 1.26 |
| Z-824 | 140 | 150 | E | 1.23 |
| Z-788 | 150 | 150 | E | 1.26 |
| Z-825* | 150 | 150 | E | 1.26 |
| Z-826* | 200 | 150 | K | 1.44 |
| Z-789* | 200 | 150 | G | 1.44 |
| Z-827* | 300 | 150 | L | 1.64 |
| Z-790* | 120 | 200 | J | 1.26 |
| Z-791 | 160 | 200 | L | 1.70 |
| Z-829 | 20 | 250 | A | .94 |
| Z-831* | 40 | 250 | C | 1.06 |
| Z-835* | 100 | 250 | E | 1.59 |

| Stock No. | Mfd. | OCWV | Size | Net |
|-----------|------|------|------|------|
| Z-836* | 150 | 250 | L | 1.82 |
| Z-837* | 200 | 250 | K | 2.45 |
| Z-838* | 80 | 300 | E | 1.50 |
| Z-839 | 100 | 300 | L | 1.70 |
| Z-792 | 100 | 300 | G | 1.70 |
| Z-793 | 125 | 300 | M | 2.06 |
| Z-841* | 150 | 300 | L | 2.06 |
| Z-794 | 250 | 300 | P | 3.26 |
| Z-842 | 30 | 350 | C | 1.12 |
| Z-843 | 40 | 350 | D | 1.18 |
| Z-844 | 50 | 350 | E | 1.23 |
| Z-845 | 60 | 350 | E | 1.29 |
| Z-846* | 80 | 350 | K | 1.68 |
| Z-847* | 125 | 350 | L | 2.14 |
| Z-795* | 150 | 350 | N | 2.32 |
| Z-849 | 10 | 450 | C | .91 |

| Stock No. | Mfd. | OCWV | Size | Net |
|-----------|------|------|------|------|
| Z-851 | 20 | 450 | C | 1.06 |
| Z-852 | 30 | 450 | D | 1.15 |
| Z-853 | 40 | 450 | E | 1.20 |
| Z-854 | 50 | 450 | G | 1.38 |
| Z-855 | 60 | 450 | K | 1.59 |
| Z-856 | 80 | 450 | L | 1.79 |
| Z-857 | 100 | 450 | L | 2.03 |
| Z-858 | 125 | 450 | Q | 2.32 |
| Z-796 | 40 | 475 | J | 1.47 |
| Z-859 | 10 | 500 | C | .94 |
| Z-860 | 20 | 500 | D | 1.09 |
| Z-862* | 30 | 500 | E | 1.20 |
| Z-863 | 40 | 500 | G | 1.47 |
| Z-864 | 80 | 500 | N | 2.12 |
| Z-865 | 90 | 500 | N | 2.29 |

DUAL SECTION

DUAL SECTION

DUAL SECTION

DUAL SECTION

| Stock No. | Cap. Mfd. | OCWV | Size | Net Each |
|-----------|-----------|---------|------|----------|
| Z-880 | 100-150 | 250-50 | L | 2.15 |
| Z-923 | 20-20 | 250 | C | 1.12 |
| Z-924* | 40-40 | 250 | E | 1.47 |
| Z-881* | 200-200 | 250 | Q | 3.59 |
| Z-884 | 150-100 | 300-150 | N | 2.63 |
| Z-885 | 40-30 | 300 | E | 1.56 |
| Z-930 | 80-80 | 300 | L | 2.38 |
| Z-931 | 120-20 | 300 | L | 2.35 |
| Z-1418 | 120-40 | 300 | L | 2.62 |
| Z-933 | 15-15 | 350 | C | 1.32 |
| Z-936 | 30-30 | 350 | E | 1.70 |
| Z-887 | 50-30 | 350 | K | 1.85 |
| Z-888 | 60-30 | 350 | L | 1.85 |
| Z-889 | 80-20 | 350 | K | 2.06 |
| Z-891 | 80-40 | 350 | L | 2.32 |
| Z-937 | 80-80 | 350 | N | 2.76 |
| Z-893 | 100-60 | 350 | K | 2.82 |
| Z-894 | 100-100 | 350 | Q | 3.62 |
| Z-895 | 160-10 | 350 | N | 2.53 |
| Z-896 | 100-30 | 400-50 | L | 2.29 |
| Z-897 | 80-80 | 400-200 | M | 2.32 |

| Stock No. | Cap. Mfd. | OCWV | Size | Net Each |
|-----------|-----------|--------|------|----------|
| Z-899 | 80-80 | 400 | Q | 2.91 |
| Z-942 | 120-40 | 400 | Q | 3.09 |
| Z-977 | 10-20 | 450-25 | C | 1.03 |
| Z-978 | 40-100 | 450-50 | F | 1.76 |
| Z-900 | 250-1000 | 10-6 | J | 1.76 |
| Z-901 | 1000-1000 | 15 | G | 2.59 |
| Z-866 | 1000-1000 | 15 | K | 2.59 |
| Z-867 | 500-100 | 20 | C | 1.82 |
| Z-903 | 50-50 | 50 | C | 1.00 |
| Z-904 | 100-100 | 50 | C | 1.23 |
| Z-906* | 20-20 | 150 | C | 1.00 |
| Z-907 | 30-20 | 150 | C | 1.26 |
| Z-908 | 30-30 | 150 | C | 1.09 |
| Z-909 | 40-20 | 150 | C | 1.06 |
| Z-910 | 40-30 | 150 | C | 1.09 |
| Z-911* | 40-40 | 150 | C | 1.12 |
| Z-912 | 50-30 | 150 | C | 1.18 |
| Z-913* | 50-50 | 150 | C | 1.26 |
| Z-914* | 60-60 | 150 | E | 1.38 |
| Z-871 | 70-30 | 150 | D | 1.29 |
| Z-915 | 75-75 | 150 | E | 1.53 |

| Stock No. | Cap. Mfd. | OCWV | Size | Net Each |
|-----------|-----------|---------|------|----------|
| Z-916* | 80-40 | 150 | D | 1.32 |
| Z-872 | 80-50 | 150 | D | 1.41 |
| Z-873* | 80-80 | 150 | J | 1.56 |
| Z-918* | 125-100 | 150 | K | 2.06 |
| Z-874 | 150-80 | 150 | K | 1.79 |
| Z-920 | 200-5 | 150 | L | 1.59 |
| Z-922* | 200-200 | 150 | N | 2.35 |
| Z-876 | 60-60 | 200 | E | 2.00 |
| Z-877 | 60-60 | 200 | J | 1.50 |
| Z-878* | 100-100 | 200 | L | 2.06 |
| Z-879* | 200-5 | 200 | K | 1.79 |
| Z-980 | 80-100 | 450-50 | N | 2.20 |
| Z-981 | 30-200 | 450-150 | L | 2.06 |
| Z-944 | 20-50 | 450-250 | E | 1.65 |
| Z-947 | 40-10 | 450-350 | J | 1.59 |
| Z-983 | 5-5 | 450 | C | 1.03 |
| Z-948 | 10-10 | 450 | C | 1.12 |
| Z-951 | 20-10 | 450 | D | 1.32 |
| Z-952 | 20-20 | 450 | E | 1.50 |
| Z-953 | 30-10 | 450 | E | 1.47 |
| Z-954 | 30-30 | 450 | K | 1.79 |

| Stock No. | Cap. Mfd. | OCWV | Size | Net Each |
|-----------|-----------|---------|------|----------|
| Z-955 | 40-20 | 450 | K | 1.76 |
| Z-956 | 40-40 | 450 | L | 2.03 |
| Z-958* | 50-50 | 450 | L | 2.26 |
| Z-984 | 60-20 | 450 | L | 2.09 |
| Z-959 | 60-40 | 450 | N | 2.32 |
| Z-961 | 80-10 | 450 | L | 2.14 |
| Z-962 | 80-20 | 450 | N | 2.31 |
| Z-963 | 80-30 | 450 | P | 2.47 |
| Z-964 | 80-40 | 450 | N | 2.56 |
| Z-985 | 100-40 | 450 | Q | 2.85 |
| Z-986 | 20-100 | 475-400 | Q | 2.65 |
| Z-967 | 15-15 | 475 | D | 1.38 |
| Z-969 | 30-10 | 475 | J | 1.59 |
| Z-975 | 80-50 | 475 | Q | 3.06 |
| Z-987 | 10-10 | 500 | D | 1.20 |
| Z-988 | 20-20 | 500 | K | 1.68 |
| Z-989 | 30-10 | 500 | K | 1.68 |
| Z-990 | 30-30 | 500 | L | 1.91 |
| Z-991 | 40-40 | 500 | N | 2.59 |
| Z-992 | 60-40 | 500 | N | 2.70 |

TRIPLE SECTION

TRIPLE SECTION

TRIPLE SECTION

| Stock No. | Cap. Mfd. | OCWV | Size | Net |
|-----------|------------|-------------|------|------|
| Z-1000 | 20-20-20 | 25 | C | 1.15 |
| Z-1001 | 40-40-40 | 25 | C | 1.26 |
| Z-1003 | 15-15-1200 | 150-150-2 | C | 1.76 |
| Z-1004* | 80-30-300 | 150-150-10 | J | 1.85 |
| Z-994* | 80-60-250 | 150-150-10 | K | 2.00 |
| Z-995* | 100-80-200 | 150-150-10 | K | 2.14 |
| Z-1011* | 40-40-20 | 150-150-25 | C | 1.41 |
| Z-1012 | 40-40-200 | 150-150-25 | E | 1.64 |
| Z-996* | 40-40-250 | 150-150-25 | E | 1.85 |
| Z-997 | 50-30-20 | 150-150-25 | C | 1.47 |
| Z-1013 | 50-30-100 | 150-150-25 | D | 1.59 |
| Z-1014 | 50-50-20 | 150-150-25 | D | 1.56 |
| Z-998 | 80-40-20 | 150-150-25 | D | 1.65 |
| Z-999* | 80-40-300 | 150-150-25 | K | 2.17 |
| Z-1015* | 20-20-20 | 150 | C | 1.35 |
| Z-1121 | 40-20-10 | 150 | C | 1.38 |
| Z-1016* | 40-20-20 | 150 | C | 1.41 |
| Z-1017 | 40-30-20 | 150 | C | 1.47 |
| Z-1419 | 200-100-60 | 150 | M | 2.67 |
| Z-1018 | 40-40-40 | 150 | D | 1.53 |
| Z-1122 | 50-40-10 | 150 | D | 1.50 |
| Z-1019* | 50-50-50 | 150 | E | 1.76 |
| Z-1020 | 60-40-20 | 150 | D | 1.62 |
| Z-1021 | 80-40-20 | 150 | E | 1.70 |
| Z-1024* | 120-120-40 | 150 | L | 2.38 |
| Z-1125* | 250-200-10 | 150 | Q | 3.94 |
| Z-1126* | 60-200-140 | 200-150-150 | Q | 2.82 |
| Z-1026 | 60-5-20 | 200-200-50 | D | 1.47 |
| Z-1127 | 30-20-40 | 200-200-150 | D | 1.59 |
| Z-1027 | 80-40-50 | 250-150-50 | K | 1.70 |
| Z-1128 | 15-15-20 | 250-250-25 | C | 1.37 |
| Z-1028 | 30-30-20 | 250-250-25 | D | 1.65 |
| Z-1130 | 20-20-20 | 250 | C | 1.53 |
| Z-1030 | 40-20-20 | 250 | E | 1.70 |
| Z-1134* | 100-200-30 | 300-150-150 | Q | 2.97 |
| Z-1136* | 200-60-20 | 300-250-250 | Q | 3.41 |
| Z-1138 | 140-100-60 | 300-300-50 | R | 3.56 |

| Stock No. | Cap. Mfd. | OCWV | Size | Net |
|-----------|------------|-------------|------|------|
| Z-1140 | 140-10-200 | 300-300-150 | Q | 3.23 |
| Z-1421 | 100-200-60 | 300-150-150 | L | 3.00 |
| Z-1142 | 80-40-40 | 300 | L | 2.79 |
| Z-1143 | 20-50-100 | 300-100-75 | E | 1.82 |
| Z-1145 | 60-200-30 | 350-150-150 | N | 2.59 |
| Z-1146 | 125-5-100 | 350-200-75 | N | 3.12 |
| Z-1036 | 30-30-20 | 350-300-25 | E | 1.85 |
| Z-1039 | 15-10-20 | 350-350-25 | C | 1.47 |
| Z-1041 | 20-10-20 | 350-350-25 | C | 1.50 |
| Z-1042 | 20-20-20 | 350-350-25 | D | 1.65 |
| Z-1043 | 30-20-20 | 350-350-25 | E | 1.76 |
| Z-1148 | 30-30-20 | 350-350-25 | J | 2.00 |
| Z-1422 | 80-40-100 | 350-350-200 | L | 3.19 |
| Z-1152 | 100-60-20 | 350-350-250 | Q | 3.23 |
| Z-1047 | 10-10-10 | 350 | C | 1.41 |
| Z-1049 | 30-20-10 | 350 | E | 1.91 |
| Z-1051 | 80-60-60 | 350 | | |

QUADRUPLE SECTION TWIST PRONG

QUADRUPLE SECTIONS

QUADRUPLE SECTIONS

QUADRUPLE SECTIONS

| Stock No. | Cap. Mfd. | DCWV | Size | Net Each | Stock No. | Cap. Mfd. | DCWV | Size | Net Each | Stock No. | Cap. Mfd. | DCWV | Size | Net Each |
|-----------|----------------|-----------------|------|----------|-----------|--------------|-----------------|------|----------|-----------|---------------|-----------------|------|----------|
| Z-1201* | 20-20-160-40 | 150-150-25-25 | J | 1.88 | Z-1331 | 60-30-30-150 | 350-350-350-50 | L | 3.23 | Z-1382 | 80-40-40-40 | 450-450-450-25 | P | 3.79 |
| Z-1252 | 50-40-160-40 | 150-150-25-25 | J | 2.09 | Z-1332 | 70-40-10-50 | 350-350-350-50 | L | 3.09 | Z-1256 | 20-20-20-100 | 450-450-450-50 | L | 2.68 |
| Z-1293 | 40-40-20-200 | 150-150-150-10 | J | 1.91 | Z-1333 | 100-10-10-20 | 350-350-350-50 | L | 3.03 | Z-1257 | 30-30-15-30 | 450-450-450-50 | L | 2.66 |
| Z-1204 | 60-40-20-200 | 150-150-150-10 | J | 2.06 | Z-1334 | 100-20-10-20 | 350-350-350-50 | M | 3.17 | Z-1258 | 40-40-10-25 | 450-450-450-50 | N | 2.76 |
| Z-1266 | 40-40-30-20 | 150-150-150-25 | J | 1.82 | Z-1337 | 30-20-5-100 | 350-350-350-200 | L | 2.76 | Z-1384 | 40-40-10-50 | 450-450-450-50 | N | 2.82 |
| Z-1255 | 40-40-40-20 | 150-150-150-25 | J | 1.85 | Z-1433 | 30-10-5-100 | 350-350-350-200 | J | 2.59 | Z-1260 | 40-40-10-100 | 450-450-450-100 | N | 3.15 |
| Z-1207 | 50-20-20-200 | 150-150-150-25 | J | 2.06 | Z-1339 | 40-40-40-40 | 350 | N | 3.52 | Z-1385 | 60-10-10-20 | 450-450-450-150 | L | 2.70 |
| Z-1297 | 50-30-30-100 | 150-150-150-25 | J | 2.03 | Z-1429 | 90-40-30-30 | 350 | L | 3.91 | Z-1264 | 5-5-5-5 | 450 | J | 1.76 |
| Z-1208 | 50-50-50-20 | 150-150-150-25 | J | 2.09 | Z-1435 | 40-20-20-10 | 350 | K | 2.58 | Z-1265 | 10-10-10-10 | 450 | J | 1.97 |
| Z-1210 | 80-40-40-20 | 150-150-150-25 | J | 3.07 | Z-1340 | 80-60-40-20 | 350 | P | 3.76 | Z-1266 | 20-10-10-10 | 450 | K | 2.17 |
| Z-1298 | 80-40-40-40 | 150-150-150-25 | J | 2.12 | Z-1426 | 20-80-100-25 | 400-350-200-50 | P | 3.52 | Z-1267 | 20-20-20-20 | 450 | L | 2.76 |
| Z-1211 | 80-40-40-100 | 150-150-150-25 | K | 2.20 | Z-1427 | 40-80-100-25 | 400-350-200-50 | Q | 3.50 | Z-1268 | 30-15-15-15 | 450 | L | 2.82 |
| Z-1300 | 200-200-100-10 | 150-150-150-75 | L | 3.50 | Z-1346 | 100-10-30-20 | 400-400-50-50 | N | 3.00 | Z-1270 | 30-30-20-20 | 450 | N | 3.06 |
| Z-1301 | 40-40-40-30 | 150 | K | 1.97 | Z-1348 | 100-10-20-20 | 400-400-350-50 | J | 3.20 | Z-1272 | 35-35-10-5 | 450 | N | 2.73 |
| Z-1216 | 100-40-10-100 | 250-250-250-50 | Q | 3.03 | Z-1356 | 80-40-10-20 | 400-400-400-25 | N | 3.12 | Z-1388 | 40-10-10-10 | 450 | L | 2.44 |
| Z-1431 | 10-200-200-30 | 300-150-150-150 | P | 3.14 | Z-1357 | 80-40-10-100 | 400-400-400-200 | Q | 3.70 | Z-1273 | 40-20-10-10 | 450 | L | 2.61 |
| Z-1309 | 100-10-200-30 | 300-300-150-150 | R | 3.47 | Z-1358 | 80-40-30-40 | 400-400-400-25 | Q | 3.50 | Z-1389 | 40-35-10-10 | 450 | L | 2.82 |
| Z-1220 | 200-20-100-20 | 300-250-50-25 | R | 3.41 | Z-1360 | 80-40-30-4 | 400-400-400-350 | P | 3.47 | Z-1390 | 40-40-4-4 | 450 | N | 2.76 |
| Z-1311 | 40-20-20-25 | 300-300-300-25 | J | 2.35 | Z-1361 | 50-40-30-20 | 400 | Q | 3.23 | Z-1274 | 40-40-20-20 | 450 | Q | 2.26 |
| Z-1312 | 60-40-20-50 | 300-300-300-25 | L | 2.73 | Z-1364 | 20-80-20-50 | 450-200-200-50 | L | 2.44 | Z-1391 | 40-40-30-30 | 450 | Q | 3.57 |
| Z-1313 | 120-40-40-10 | 300-300-300-250 | Q | 3.62 | Z-1236 | 25-100-10-60 | 450-300-300-50 | L | 3.12 | Z-1392 | 40-40-40-40 | 450 | R | 3.79 |
| Z-1430 | 40-40-30-20 | 300 | L | 2.85 | Z-1237 | 40-40-40-20 | 450-300-300-150 | L | 2.88 | Z-1393 | 60-20-20-20 | 450 | Q | 3.32 |
| Z-1436 | 200-20-20-20 | 300 | P | 3.61 | Z-1240 | 10-60-40-25 | 450-350-350-25 | N | 2.70 | Z-1395 | 80-10-10-10 | 450 | N | 2.97 |
| Z-1314 | 40-20-10-10 | 300 | J | 2.32 | Z-1368 | 80-10-40-30 | 450-400-300-300 | Q | 3.41 | Z-1396 | 40-40-50-80 | 475-250-150-50 | N | 2.94 |
| Z-1315 | 40-40-20-10 | 300 | K | 2.67 | Z-1242 | 20-15-20-20 | 450-450-25-25 | J | 2.09 | Z-1275 | 20-40-100-80 | 475-300-50-25 | L | 2.64 |
| Z-1321* | 160-60-10-4 | 350-300-300-300 | Q | 3.76 | Z-1370 | 20-20-20-20 | 450-450-25-25 | J | 2.44 | Z-1397 | 20-80-20-10 | 475-300-300-300 | M | 2.94 |
| Z-1322 | 60-4-100-40 | 350-350-25-25 | K | 2.23 | Z-1244 | 10-10-60-100 | 450-450-200-50 | L | 2.26 | Z-1398 | 10-100-10-100 | 475-300-300-25 | M | 2.76 |
| Z-1323 | 60-100-60-40 | 350-350-200-75 | Q | 3.84 | Z-1373 | 40-40-100-60 | 450-450-200-200 | Q | 3.56 | Z-1434 | 10-40-4-100 | 475-400-350-50 | K | 2.38 |
| Z-1324 | 60-40-60-20 | 350-350-200-150 | M | 2.97 | Z-1246 | 40-40-30-30 | 450-450-350-350 | Q | 3.47 | Z-1277 | 10-60-30-125 | 475-450-400-50 | Q | 3.21 |
| Z-1325 | 60-40-60-20 | 350-350-250-150 | N | 3.17 | Z-1374 | 10-10-10-20 | 450-450-450-25 | J | 1.85 | Z-1278 | 10-50-30-30 | 475-450-450-25 | N | 2.79 |
| Z-1225 | 20-10-5-20 | 350-350-350-25 | J | 1.82 | Z-1375 | 20-20-20-20 | 450-450-450-25 | K | 2.44 | Z-1279 | 15-15-80-40 | 475-475-300-50 | L | 2.82 |
| Z-1432 | 30-10-5-200 | 350-350-350-25 | J | 2.23 | Z-1378 | 40-20-20-20 | 450-450-450-25 | L | 2.70 | Z-1281 | 20-20-10-10 | 475-475-475-300 | K | 2.53 |
| Z-1328 | 40-40-30-10 | 350-350-350-25 | L | 2.91 | Z-1252 | 40-20-20-40 | 450-450-450-25 | L | 2.73 | Z-1284 | 20-20-10-10 | 475 | K | 2.56 |
| Z-1329 | 40-40-40-40 | 350-350-350-25 | L | 3.06 | Z-1253 | 40-30-10-20 | 450-450-450-25 | L | 2.65 | Z-1285 | 20-20-20-20 | 475 | L | 3.06 |
| Z-1330 | 90-30-5-100 | 350-350-350-75 | N | 3.61 | Z-1254 | 40-40-20-20 | 450-450-450-25 | M | 2.94 | Z-1287 | 40-20-10-10 | 475 | L | 3.00 |
| Z-1428 | 100-40-30-50 | 350-350-350-50 | P | 3.85 | Z-1379 | 40-40-20-20 | 450-450-450-25 | N | 2.94 | Z-1410 | 30-10-150-30 | 500-450-50-50 | L | 2.47 |
| | | | | | Z-1255 | 40-40-40-40 | 450-450-450-25 | N | 3.23 | Z-1417 | 40-40-8-8 | 500 | N | 3.35 |

CORNELL-DUBILIER "QUIETONE" FILTERS FOR SUPPRESSION OF RF INTERFERENCE



PLUG-IN TYPE

Type IF-18. Fig. A. An efficient all-wave capacitive-inductive type filter for use with all types of electrical appliances causing severe interference. Equipped with frame connection for reduction of radiation. Rating: 110V AC-DC, 5 amps. In bakelite case with cord and plug. Shpg. wt., 5 lbs.

CG-640 Net 5.41
Type IF-19. Fig. C. Capacitive-inductive type filter for all types of home appliances with severe interference. Frame connection provided for grounding. Rated 110V AC-DC, 5 amps in bakelite case with cord and plugs. Shpg. wt., 2 lbs.

CG-641 Net 4.53
Type IF-4. Fig. D. For use with small radio receivers for low or moderate intensity interference. Rated at 110V AC-DC, 5 amps. Connects to power line between radio plug and outlet. Shpg. wt., 8 oz.

CG-642 Net .73
Type IF-6. Fig. E. Plug-in type filter for interference conditions of moderately low intensity. Installed between power line and set or appliance. Has short lead to connect binding post and frame to reduce radiation. Rated 110V AC-DC, 5 amps. Shpg. wt., 8 oz.

CG-643 Net 1.15

WIRED-IN TYPE

IF-7A. Fig. B. Capacitive-inductive filter for severe interference from industrial and heavy duty electrical equipment. For single phase 110-220V AC-DC, 5 amps. Shpg. wt., 10 lbs.

CG-644 Net 8.08
IF-24. Fig. F. FLUORESCENT NOISE FILTER. Dual capacitive type filter for eliminating fluorescent noise. Easily mounted and connected by means of flexible leads. For 115V AC-DC. Shpg. wt., 8 oz.

CG-645 Net .73
IF-54. Fig. G. Capacitive-inductive filter for general purpose use in circuits up to 2 amperes current. Rated 110-220V AC-DC. Shpg. wt., 8 oz.

CG-646 Net 1.47

C.D. ETWJ AC MOTOR STARTING CAPACITORS.

Avg. shpg. wt., 10 oz. In tubular molded bakelite case for 110V ac. 50-60 cps. Size (Dia. x L"): A-1 1/2" x 2 1/2"; B-1 1/2" x 3 1/2"; C-1 1/2" x 3 3/4"; D-1 1/2" x 4 1/2".

| Stock No. | Mfg. No. | Mfd. | Size | Net | Stock No. | Mfg. No. | Mfd. | Size | Net |
|-----------|------------|---------|------|------|-----------|------------|---------|------|------|
| CG-647 | ETWJ-5010 | 47-58 | A | 1.23 | CG-657 | ETWJ-22530 | 216-240 | C | 2.33 |
| CG-648 | ETWJ-6510 | 59-71 | A | 1.26 | CG-658 | ETWJ-25510 | 243-270 | C | 2.76 |
| CG-649 | ETWJ-7810 | 72-88 | A | 1.35 | CG-659 | ETWJ-28510 | 270-324 | C | 2.79 |
| CG-650 | ETWJ-9510 | 88-106 | A | 1.53 | CG-660 | ETWJ-34010 | 324-360 | C | 3.17 |
| CG-651 | ETWJ-11010 | 107-129 | A | 1.68 | CG-661 | ETWJ-38010 | 340-408 | C | 3.26 |
| CG-652 | ETWJ-13010 | 124-138 | A | 1.73 | CG-662 | ETWJ-40010 | 378-420 | C | 3.53 |
| CG-653 | ETWJ-14510 | 130-156 | A | 1.73 | CG-663 | ETWJ-44010 | 400-480 | C | 3.58 |
| CG-654 | ETWJ-15510 | 145-162 | A | 1.88 | CG-664 | ETWJ-50010 | 460-540 | D | 4.09 |
| CG-655 | ETWJ-17010 | 158-191 | B | 1.91 | CG-665 | ETWJ-57510 | 540-600 | D | 4.53 |
| CG-656 | ETWJ-21010 | 189-227 | B | 2.29 | CG-666 | ETWJ-65010 | 590-700 | D | 4.88 |



AEROVOX TYPE BE BI-ELECTRIC MYLAR TUBULARS

Radial Lead Mounting. Dual Di-Electric won't leak or drip. Tolerance ±10% Operating Temp. Range 15-30°C to +100°C.

| Stock No. | Cap. Mfd. | Size | 1-24 | 25-49 | 50-99 | 100-249 | Stock No. | Cap. Mfd. | Size | 1-24 | 25-49 | 50-99 | 100-249 |
|-----------|-----------|-------------|------|-------|-------|---------|-----------|-----------|-------------|------|-------|-------|---------|
| Z-440 | .001 | 1/2"x1 1/2" | .150 | .101 | .079 | .063 | Z-416 | .15 | 3/4"x1 1/2" | .240 | .171 | .133 | .106 |
| Z-441 | .0012 | 1/2"x1 1/2" | .150 | .104 | .081 | .064 | Z-417 | .2 | 3/4"x1 1/2" | .270 | .194 | .151 | .120 |
| Z-442 | .0015 | 1/2"x1 1/2" | .150 | .104 | .081 | .064 | Z-418 | .22 | 3/4"x1 1/2" | .270 | .203 | .158 | .126 |
| Z-443 | .0018 | 1/2"x1 1/2" | .150 | .104 | .081 | .064 | Z-419 | .25 | 1/2"x1 1/2" | .280 | .209 | .163 | .130 |
| Z-444 | .002 | 1/2"x1 1/2" | .150 | .104 | .081 | .064 | Z-420 | .33 | 1/2"x1 1/2" | .300 | .241 | .187 | .150 |
| Z-445 | .0022 | 1/2"x1 1/2" | .150 | .104 | .081 | .064 | Z-421 | .47 | 3/4"x1 1/2" | .360 | .272 | .212 | .169 |
| Z-446 | .0025 | 3/8"x1 1/2" | .150 | .104 | .081 | .064 | Z-422 | .5 | 3/4"x1 1/2" | .360 | .277 | .215 | .172 |
| Z-447 | .003 | 3/8"x1 1/2" | .150 | .104 | .081 | .064 | | | | | | | |
| Z-448 | .0033 | 3/8"x1 1/2" | .150 | .104 | .081 | .064 | | | | | | | |
| Z-449 | .0039 | 3/8"x1 1/2" | .150 | .104 | .081 | .064 | | | | | | | |
| Z-450 | .004 | 3/8"x1 1/2" | .150 | .104 | .081 | .064 | | | | | | | |
| Z-451 | .0047 | 3/8"x1 1/2" | .150 | .104 | .081 | .064 | | | | | | | |
| Z-452 | .005 | 3/8"x1 1/2" | .150 | .104 | .081 | .064 | | | | | | | |
| Z-453 | .006 | 3/8"x1 1/2" | .150 | .106 | .082 | .066 | | | | | | | |
| Z-454 | .0068 | 3/8"x1 1/2" | .180 | .108 | .084 | .067 | | | | | | | |
| Z-455 | .007 | 3/8"x1 1/2" | .180 | .108 | .084 | .067 | | | | | | | |
| Z-456 | .0075 | 3/8"x1 1/2" | .180 | .108 | .084 | .067 | | | | | | | |
| Z-457 | .008 | 3/8"x1 1/2" | .180 | .108 | .084 | .067 | | | | | | | |
| Z-458 | .0082 | 3/8"x1 1/2" | .180 | .108 | .084 | .067 | | | | | | | |
| Z-459 | .01 | 3/8"x1 1/2" | .180 | .110 | .086 | .069 | | | | | | | |
| Z-460 | .015 | 3/8"x1 1/2" | .180 | .115 | .089 | .071 | | | | | | | |
| Z-461 | .018 | 1/2"x1 1/2" | .180 | .119 | .093 | .074 | | | | | | | |
| Z-462 | .02 | 1/2"x1 1/2" | .180 | .124 | .096 | .077 | | | | | | | |
| Z-463 | .022 | 1/2"x1 1/2" | .180 | .128 | .100 | .080 | | | | | | | |
| Z-464 | .025 | 1/2"x1 1/2" | .210 | .133 | .103 | .083 | | | | | | | |
| Z-465 | .027 | 1/2"x1 1/2" | .210 | .137 | .107 | .085 | | | | | | | |

MEISSNER RADIO-TV-TRANSISTOR COILS-CHOKES

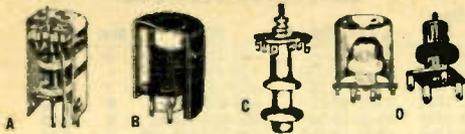


FIG. A — "PLASTIC" I.F. TRANSFORMERS

Trimmer base and coil form are moulded in one piece. Trimmers "floated" away from base with an air gap between the bottom plate and the plastic base. Wide range frequency adjustable either side of pre-set frequency, double-tuned. Metal shield can and Litz wire. Unaffected by temperature or humidity. Size: 1 1/4" square by 2 1/2" high. Shpg. wt., 4 oz.

| Stock No. | Input Type | Net | KC | Stock No. | Output Type | Net |
|-----------|------------|------|-----|-----------|-------------|------|
| C0-229 | 16-6649 | 1.58 | 175 | C0-230 | 16-6651 | 1.89 |
| C0-231 | 16-6652 | 1.89 | 262 | C0-232 | 16-6654 | 1.89 |
| C0-233 | 16-6658 | 1.89 | 456 | C0-234 | 16-6660 | 1.89 |

HI-Q IRON CORE "PLASTIC" I.F.'S

| Stock No. | Type | Description | Net |
|-----------|---------|-------------------------|------|
| C0-235 | 16-6662 | Input, peaked at 455KC | 1.89 |
| C0-236 | 16-6663 | Output, peaked at 455KC | 1.89 |

FIG. B — STANDARD ANTENNA AND R.F. COILS

Designed to cover the broadcast band from 545 to 1580 KC (190-550 meters) with a 365 mmfd. tuning condenser. High impedance primaries, wound with Litz wire. Shielded coils are in black crackle finish, non magnetic can. 1 7/8" in diameter, 2 1/2" high. Shpg. wt., 4 oz.

| Stock No. | Type | Description | Net |
|-----------|---------|----------------------|------|
| C0-202 | 14-1010 | Unshielded ant. coil | 1.38 |
| C0-200 | 14-1004 | Shielded ant. coil | 1.35 |
| C0-203 | 14-1011 | Unshielded RF Coil | 1.89 |
| C0-201 | 14-1005 | Shielded RF Coil | 1.32 |

FIG. C — "UNIVERSAL ADJUSTABLE" UNSHIELDED COILS

Replace Broadcast band coils in most receivers, accurately track other coils when adjusted. Matches Inductance of burned out coil with screwdriver adjustment. Oscillator coil adjustable from 175 to 520 kilocycles. For use with either cut plate or padding condenser circuits. Shpg. wt., 6 oz.

| | | | |
|--------|--------------|------|------|
| C0-204 | type 14-1026 | Ant. | 1.89 |
| C0-205 | type 14-1027 | R.F. | 1.89 |
| C0-206 | type 14-1028 | Osc. | 1.72 |

MEISSNER COILS

FIG. D — OSCILLATOR COILS FOR 190-550 METER BC BAND

Used with 365 mmfd. cond. IF, RF, and Antenna coils. Shielded type. 1 3/4" x 1 1/4". All without padders except * with padder. Shpg. wt., 4 oz.

| Stock No. | Meissner Type | Type | Freq. KC | Req'd. Padder | Price |
|-----------|---------------|------------|----------|---------------|-------|
| C0-214 | 14-4242 | Shielded | 175 | 900 mmfd. | 1.14 |
| C0-215 | 14-4243 | Shielded | 456 | 350 mmfd. | 1.51 |
| C0-212 | 14-3732 | Unshielded | 175 | 900 mmfd. | 1.22 |
| C0-213 | 14-4034 | Unshielded | 456 | 350 mmfd. | 1.47 |
| C0-207 | *14-1033 | Unshielded | 456 | 350 mmfd. | 1.25 |

FIG. E — 3/4" PERMEABILITY TUNED I.F. COILS

Tuned top and bottom, powdered iron cores. Silvered mica condensers, molded plastic bases, etched aluminum cans. 3/4" x 3/4" x 2". With mounting clip and plate. *Spade bolt mtg. with leads. Shpg. wt., 4 oz.

| Stock No. | Meissner Type | Function | Each |
|-----------|---------------|---|------|
| C0-240 | 16-6758 | 455 KC Input and Output | 1.58 |
| C0-241 | 16-6770 | 455 KC Output, with diode filter condenser | 1.64 |
| C0-238 | 16-6752 | 262 KC Input for auto receivers | 1.89 |
| C0-239 | 16-6754 | 262 KC Output for auto receivers, diode condenser | 1.89 |
| C0-228 | 16-3487 | 10.7 MC FM Input and Output | 2.05 |
| C0-237 | 16-6678* | 455 KC AC-DC type Input or Output | 2.20 |

FIG. F — MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL For Battery and 3-Way Portables

Small physical size. 1" x 3/8" and wide range of inductance adjustment. Ideal as replacement unit in most battery and 3-way portables. Inductance range allows use with gang condenser capacities of 108 to 180 mmfd. Allows accurate adjustment of inductance for proper calibration and tracking. Shpg. wt., 4 oz.

| | | |
|--------|-----------------------|------|
| C0-211 | Meissner Type 14-1074 | 1.25 |
|--------|-----------------------|------|

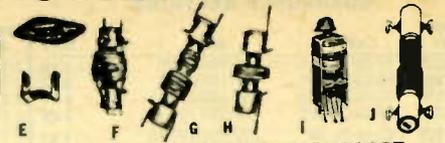


FIG. G — MINIATURE BROADCAST ANTENNA AND R.F. COILS

The small physical size, 1 1/2" x 1/2" and adjustable inductance make these coils ideally suited to replacement in compact circuits or where mounting or original coil is difficult to duplicate. Designed to cover the broadcast band with gang condensers having effective capacities of 280 to 420 mfd. Shpg. wt., 8 oz.

| | | |
|--------|--------------------------|------|
| C0-208 | Meissner 14-1071—Antenna | 1.25 |
| C0-209 | Meissner 14-1072—RF | 1.25 |

FIG. H — MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL

Utilizes 100 mmfd. Capacity interwinding. For use with 6SA7, 12SA7, 6BE6, 12BE6, 7Q7, and 14Q7 tubes in receivers having 455 KC Intermediate Frequency and with effective gang condenser capacities of 108 to 180 mmfd. in unpadded circuits, and 365 to 420 mmfd. in padded circuits. Adjustable iron core permits accurate adjustment for proper tracking and calibration. Its small size of 1" x 3/8" permits its use in the most compact circuits. Shpg. wt., 8 oz.

| | | |
|--------|------------------|------|
| C0-210 | Meissner 14-1073 | 1.25 |
|--------|------------------|------|

FIG. I — PHONO OSCILLATOR COIL FOR WIRELESS RECORD PLAYERS

Knob adjustment for selection of clear frequency in BC band. 1 1/2" sq. x 3 1/2" high. Shpg. wt., 6 oz.

| | | |
|--------|------------------|------|
| C0-253 | Meissner 17-9373 | 2.83 |
|--------|------------------|------|

BFO COIL

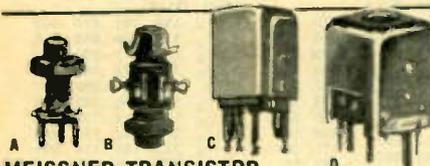
Supplies beat note for CW reception. Range 290-650 KC. Peaked at 456 KC. 1 1/2" sq. x 3 1/2" high. Shpg. wt., 8 oz.

| | | |
|--------|------------------|------|
| C0-252 | Meissner 17-6753 | 3.46 |
|--------|------------------|------|

FIG. J — "MINIATURE" ADJUSTABLE VIDEO PEAKING COILS

Permit "exact" screwdriver adjustment of frequency response in video amplifier stages by use of powdered iron cores. Mtg. by leads. 1 x 1/2". Shpg. wt., 4 oz.

| Stock No. | Type | Inductance Range | Net |
|-----------|---------|------------------|-----|
| C0-254 | 19-1920 | 65-115 uh | .95 |
| C0-255 | 19-1921 | 115-195 uh | .95 |
| C0-256 | 19-1922 | 195-325 uh | .95 |
| C0-257 | 19-1923 | 325-500 uh | .95 |



MEISSNER TRANSISTOR OSCILLATOR COILS

Popular broadcast frequency coils for replacement purposes. C0-220 is 1/2 x 1/2 x 3/8".

| Stock No. | Type | Fig. | Cap. uuf | Tuning Induct uh | Oia. | Ht. | Net |
|-----------|---------|------|----------|------------------|--------|--------|------|
| C0-218 | 14-9004 | B | 365 | 140 | 1 1/4" | 7/8" | 1.73 |
| C0-220 | 14-9006 | C | 78 | 248 | | | 3.46 |
| C0-222 | 14-9010 | B | 82 | 262 | 3/8" | 1 1/8" | 1.58 |
| C0-224 | 14-9012 | A | 59 | 346 | 1/2" | 3/4" | 1.89 |
| C0-226 | 14-9014 | B | 98 | 207 | 1 1/4" | 3/8" | 1.58 |

MEISSNER TRANSISTOR I.F. TRANSFORMERS (FIG. D)

Permeability tuned, lug mounted miniature IF transformers. All are for 455 KC except * 262 KC. All units 1/2" square and 3/8" high, except † 3/4" high. App: A—input, S—output, J—interstage. Shpg. wt., 4 oz.

| Stock No. | Type | IMPEDANCE | | | Net |
|-----------|-----------|-----------|------|------|------|
| | | Pri | Sec | App. | |
| C0-242 | 16-9001*† | 20000 | 600 | AJS | 3.78 |
| C0-243 | 16-9002† | 25000 | 600 | AJS | 2.20 |
| C0-244 | 16-9003 | 10000 | 500 | AJ | 3.46 |
| C0-245 | 16-9004 | 10000 | 1500 | S | 3.46 |
| C0-246 | 16-9007 | 80000 | 25 | A | 3.46 |
| C0-247 | 16-9008 | 30000 | 25 | J | 3.46 |
| C0-248 | 16-9009 | 30000 | 1000 | S | 3.46 |
| C0-249 | 16-9012 | 25000 | 250 | A | 3.46 |
| C0-250 | 16-9013 | 20000 | 150 | J | 3.77 |
| C0-251 | 16-9014 | 20000 | 1000 | S | 2.20 |

MILLER TRANSISTOR I.F. TRANSFORMERS

Type 2041. These transformers have been designed for use with Raytheon Transistor Type CK760. They feature a tapped primary having an impedance near 25,000 ohms, and a secondary winding having an impedance near 600 ohms. 455 kc. Pri. 25K, Sec. 6000. Size: 1/2 sq. x 3/4" high. Shpg. wt., 5 oz. C0-18 Net 2.06

MILLER TRANSISTOR OSCILLATOR COIL

Type 2020. For use with a transistor to supply the local oscillator energy to the mixer stage. Used with a variable capacitor having a maximum capacity of 365 mmfd. For intermediate frequency 455 kc with broadcast band 540-1650 kc. Padder .0004 mmfd. Mounting clip fits into a 3/4" diameter hole. Size: 3/8" diam. x 1 1/8" high. Shpg. C0-17 wt., 3 oz. Net 1.47

MEISSNER RF CHOKES

Wound on specially treated dowels. Type with * are Fig. A shielded 7/8x1 1/2" sq. case; # are iron core 1" x 1 1/2" diam; others are 7/8x1 1/2" diam. Inductance (MH) is millihenries. Shpg. wt., 4 oz.

| Stock No. | Type | Mh | Ma | Ohms | Net | Stock No. | Type | Mh | Ma | Ohms | Net |
|-----------|----------|------|----|------|------|-----------|----------|-------|------|-------|------|
| C0-264 | 19-5584* | 5.5 | 20 | 62 | 1.25 | C0-260 | 19-2330 | 30.0 | 20 | 160 | .95 |
| C0-265 | 19-5588* | 8.0 | 30 | 77 | 1.25 | C0-262 | 19-3247 | 60.0 | 20 | 258 | 1.25 |
| C0-266 | 19-5592* | 30.0 | 20 | 165 | 1.25 | C0-261 | 19-2709 | 80.0 | 16 | 372 | 1.25 |
| C0-267 | 19-5594* | 60.0 | 16 | 318 | 1.89 | C0-269 | 19-6834# | 2.5 | 20 | 22 | .95 |
| C0-268 | 19-5596* | 80.0 | 16 | 342 | 1.89 | C0-270 | 19-6840# | 10.0 | 20 | 50 | 1.11 |
| C0-269 | 19-1994 | 2.5 | 20 | 40 | .95 | C0-271 | 19-6842# | 30.0 | 20 | 114 | 1.25 |
| C0-270 | 19-4551 | 5.5 | 20 | 58 | .95 | C0-272 | 19-6844# | 60.0 | 12.5 | 247.5 | 1.58 |
| C0-271 | 19-2078 | 8.0 | 20 | 75 | .95 | C0-273 | 19-6846# | 80.0 | 15 | 258 | 1.89 |
| C0-272 | 19-8770 | 10.0 | 20 | 83 | 1.25 | C0-274 | 19-6848# | 125.0 | 75 | 330 | 2.05 |
| C0-273 | 19-1995 | 16.0 | 20 | 108 | .95 | | | | | | |

TRANSISTOR FERRITE ANTENNA COILS



Ferrite antenna coils for broadcast frequencies, having high Q for maximum signal pickup and energy transfer to transistor. Type 14-9015 is adjustable. Wt., 4 oz.

| Stock No. | Type | Fig. | TUNING INDUCT. | | Size | Net |
|-----------|---------|------|----------------|---------|----------------------|------|
| | | | CAP. UUF | uH | | |
| C0-216 | 14-9001 | FF | 98 | 880 | 3/8" x 3/4" x 2 3/8" | 1.89 |
| C0-217 | 14-9003 | FR | 365 | 240 | 3/8" dia. x 7" L | 1.89 |
| C0-219 | 14-9005 | FF | 123 | 667 | 3/8" x 3/4" x 3 3/8" | 1.72 |
| C0-221 | 14-9009 | FR | 165 | 506 | 3/8" dia. x 7" L | 3.15 |
| C0-223 | 14-9011 | FR | 73 | 1125 | 3/8" dia. x 5" L | 2.52 |
| C0-225 | 14-9013 | FR | 123 | 667 | 3/8" dia. x 5" L | 1.89 |
| C0-227 | 14-9015 | IF | 100-365 | 200-900 | 3/8" dia. x 2" L | 1.38 |

LAFAYETTE COILS FOR CITIZENS BAND EXPERIMENTERS



PI NETWORK ASSEMBLY For optimum antenna matching and output. Used in Lafayette HE-20. Consists of mounting bracket, final coil, 10 μ fd plate capacitor and 330 ufd output capacitor. Completely wired. Size $2\frac{1}{2}$ " x $1\frac{3}{8}$ " x $2\frac{1}{4}$ " High. With schematic. HP-57 Shpg. wt., 8 oz. Net 2.25

RECEIVER RF COIL For transformer coupling RF stage to the mixer stage. Two windings (individually slug-tuned) — one for RF Amplifier Plate circuit, second for Mixer Grid Circuit. $\frac{3}{8}$ " Diam. x $2\frac{1}{4}$ " L. with schematic. HP-58 Shpg. wt., 4 oz. Net .65

RECEIVER OSCILLATOR COIL—For use with tuneable citizens band receiver with IF Frequency at 1650 KC, as in HE-20. $1\frac{1}{4}$ " L. x $\frac{1}{4}$ " Diam. Complete with schematic. HP-62 Shpg. wt., 4 oz. Net 1.50

1650 KC INTERMEDIATE FREQUENCY TRANSFORMERS—For use in any citizens band receiver utilizing 1650KC IF Frequency and in conjunction with the above oscillator and RF coils. $1\frac{7}{8}$ " x $\frac{3}{4}$ " x $1\frac{3}{4}$ ". Complete with schematic. HP-63 Shpg. wt., 8 oz. Net .75

TRANSMITTER OSCILLATOR COIL—For use as oscillator plate tank coil in citizens band transmitters using 6A8, 6AW8 and 6CX8 type tubes, such as the HE-20. Size: $\frac{1}{2}$ " dia. x $1\frac{1}{2}$ " L. Complete with schematic. HP-60 Shpg. wt., 4 oz. Net .49

TVI TRAP COIL—Suppresses Television Interference from Citizens Band Transmitters. Coil for use with 50 μ fd capacitor in a parallel tuned circuit. $\frac{3}{8}$ " dia. x $1\frac{1}{2}$ " L. With schematic. HP-59 Shpg. wt., 4 oz. Net .49

1750 KC INTERMEDIATE FREQUENCY TRANSFORMER Used in Lafayette HE-15. Can be used in any CB transceiver operating at 1750 KC IF frequency as well as with above oscillator and RF coils. $1\frac{7}{8}$ " L. x $\frac{3}{4}$ " W x $3\frac{1}{4}$ " D. Complete with schematic. HP-226 Shpg. wt., 8 oz. Net .75

ANTENNA LOADING COIL Variable coil for matching output from final to impedance of antenna for maximum transmitter power output. $\frac{3}{8}$ " diam. x $\frac{5}{8}$ " L, less connecting pins. Slug tuned. Imported HP-67 Shpg. wt., 4 oz. Net .59

RECEIVER OSCILLATOR COIL Compact, slug-tuned receiver oscillator coil. Slug tuned to give resultant IF frequency of 455 KC. Has tapped primary, plus secondary windings. $\frac{3}{8}$ " diam. x $\frac{5}{8}$ " L, less connecting pins. HP-68 Shpg. wt., 4 oz. Imported. Net .59

RECEIVER ANTENNA COIL Variable RF Antenna Coil for RF input tank assembly. Inductively tuned by slug. $\frac{3}{8}$ " diam. x $\frac{5}{8}$ " L, less connecting pins. Imported HP-66 Shpg. wt., 4 oz. Net .59

TRANSMITTER OSCILLATOR COIL Slug-tuned subminiature variable transmitter oscillator coil. Precision built for ultra efficient operation despite its subminiature size. Wax impregnated. $\frac{3}{8}$ " diam. x $\frac{5}{8}$ " L, less pins. Imported HP-69 Shpg. wt., 4 oz. Net .59

TRANSMITTER OUTPUT COIL Sturdy, compact subminiature wax impregnated transmitter, output coil. Slug-tuned. Has primary and secondary coils. $\frac{3}{8}$ " diam. x $\frac{5}{8}$ " L, less connecting pins. Imported HP-70 Shpg. wt., 4 oz. Net .59

1st IF TRANSFORMER Subminiature IF transformer. 455KC IF. Slug-tuned. $\frac{3}{8}$ " Sq. x $\frac{5}{8}$ " High. Primary 70,000 ohms, secondary 1500 ohms. Imported MS-776 Shpg. wt., 6 oz. Net .69

2nd IF TRANSFORMER Subminiature slug tuned 455KC IF transformer. Impedance: 50,000 ohm primary, 1,000 ohm secondary. $\frac{3}{8}$ " sq. x $\frac{5}{8}$ " H. Imported MS-777 Shpg. wt., 6 oz. Net .69

3rd IF TRANSFORMER Precision-built, subminiature 455KC IF transformer. Slug-tuned. Primary 30,000 ohms; secondary 5,000 ohms. $\frac{3}{8}$ " sq. x $\frac{5}{8}$ " H. Imported MS-778 Shpg. wt., 6 oz. Net .69

MILLER T.V. AND TRANSISTOR COILS

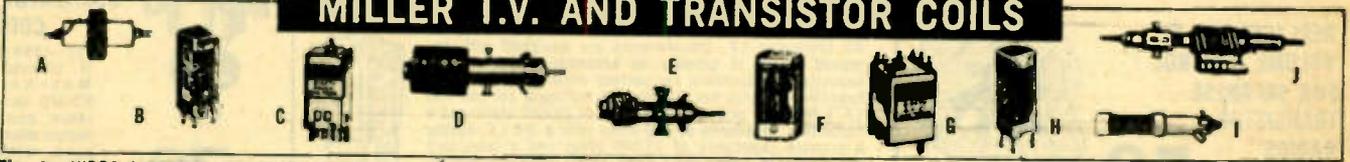


Fig. A — VIDEO PEAKING — FILAMENT CHOKE COILS

Video peaking coils designed to provide proper bandwidth and wave shape for video signals. Wound on plastic forms except shunt type wound over resistor forms. * Is filament choke; Isolates filament to reduce feedback, stray coupling, etc. $\frac{3}{8}$ " x $\frac{1}{2}$ " long. Peaking coils $\frac{3}{8}$ " x $\frac{3}{8}$ " long. Avg. shpg. wt., 2 oz.

| Stock No. | Type | Uh | Shunt | Stock No. | Type | Uh | Shunt |
|-----------|-------|-----|-------|-----------|------|-----|-------|
| CO-25 | 6175* | 0.8 | None | CO-29 | 6179 | 180 | 39K |
| CO-19 | 6152 | 20 | None | CO-30 | 6180 | 180 | None |
| CO-26 | 6176 | 36 | None | CO-21 | 6154 | 200 | None |
| CO-23 | 6172 | 73 | None | CO-24 | 6173 | 250 | 22K |
| CO-27 | 6177 | 93 | None | CO-31 | 6181 | 250 | None |
| CO-28 | 6178 | 120 | 22K | CO-22 | 6155 | 300 | None |
| CO-20 | 6153 | 120 | None | CO-85 | 6174 | 500 | None |

Fig. B — 44MC MINIATURE PICTURE I.F.'S

Permeability tuned. For intercarrier receivers of later design. Small physical size for use where space is lacking. Mounts with spring clip. Adapter plate furnished for tube socket hole. * has trap windings. $\frac{3}{4}$ " x $2\frac{1}{2}$ ". Avg. shpg. wt., 5 oz.

Fig. C — 21.25 MC TV SOUND I.F. TRANSFORMERS
Permeability tuned. For use in TV receivers using separate sound and picture I.F. Channels. All double tuned, top and bottom. High gain and adequate bandwidth for high fidelity sound. 6190 and 6191 are $\frac{7}{8}$ " x $\frac{7}{8}$ " x $2\frac{1}{4}$ ". 6192 and 6184 are $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $2\frac{1}{2}$ ". Avg. shpg. wt., 5 oz.

Fig. D — SYNC. STABILIZER COIL (Ringing Coil)
Wound on a 2" long bakelite form and unshielded. Mtg. clips fits a $\frac{3}{8}$ " hole. 16-42 MH, adjustable within a range containing the horizontal sweep frequency. May be used as stabilizer in a multi-vibrator circuit. Overall $\frac{3}{4}$ " x $2\frac{1}{4}$ ". Shpg. wt., 2 oz. CO-52 Type 6210 Net 1.47

Fig. E — WIDTH LINEARITY CONTROL with A.G.C. WINDING
To add AGC to width circuit. Width coil 5-40 MH. AGC winding 2.5 — 7 MH. $\frac{3}{4}$ " x $2\frac{3}{4}$ ". Shpg. wt., 5 oz. CO-75 Type 6316 Net 1.62

Fig. F — 4.5 MC INTERCARRIER SOUND I.F. COMPONENTS

Fits the popular Intercarrier sound TV receivers. Iron core tuning and Hi-Q no-drift capacitors are used throughout. Aluminum shields except *. Top and bottom tuning. Mounting by 6-32 spade bolts. 1469 is used to remove 4.5 MC signal from output of sound detector or plate of video amp. 1470 may be inserted in any part of circuit to attenuate a 4.5 MC signal. Shpg. wt., 5 oz.

| Stock No. | Type | Item | Net |
|-----------|--------|-----------------------------|------|
| CO-10 | 1466 | Input or Interstage | 1.76 |
| CO-11 | 1467 | Foster-Seeley Discriminator | 2.06 |
| CO-12 | 1468 | Ratio Detector | 2.20 |
| CO-13 | 1469* | Sound Pick-Off | .88 |
| CO-14 | 1470* | Sound Trap | .88 |
| CO-15 | 1470-A | Sound Trap | 1.12 |

4.5 MC MINIATURE I.F.

Similar to above but only $\frac{3}{4}$ " square by 2" high. With mounting clip and adapter plate for use in standard tube socket hole.

| Stock No. | Type | Item | Net |
|-----------|------|---------------------|------|
| CO-49 | 6203 | Input or Interstage | 1.94 |
| CO-50 | 6204 | Discriminator | 2.20 |
| CO-51 | 6205 | Ratio Detector | 2.20 |

Fig. G — HORIZONTAL OSC. AND SYNC. CONTROL COILS

Permeability tuned — for use in horizontal osc. and AFC circuits. Aluminum case. No. 6194 has two coupled windings: one tapped, for use in horizontal osc. circuit; the second center-tapped for phase discrimination. No. 6182 has a tapped osc. coil for use in a horizontal blocking osc. and as sync. control. No. 6183 is same as 6182 but has additional winding for sync. stabilization. Av. shpg. wt., 5 oz.

Fig. H — "40 MC" TV PICTURE I.F.'S
For sets with picture I.F. carrier at 41.25 and intercarrier I.F. at 4.5 MC. All shielded except *. Range 41.75 to 45.75 MC. \uparrow has trap windings. $\frac{7}{8}$ " x $\frac{7}{8}$ " x $2\frac{1}{4}$ " except 6219 $\frac{1}{2}$ " O.D. x $1\frac{1}{4}$ ". Avg. shpg. wt., 5 oz.

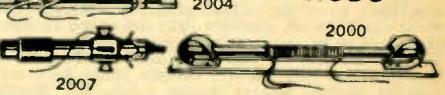
LAFAYETTE LEADS IN THE CITIZEN'S BAND FIELD

Fig. I — HORIZONTAL LINEARITY AND WIDTH CONTROLS

Iron core variable inductance coils for linearity and width adjustment. Wound on a bakelite form $\frac{3}{8}$ " in diameter. Mtg. clip fits $\frac{3}{8}$ " hole. 6300's—phenolic form. Avg. shpg. wt., 4 oz.

| Stock No. | Type | Milihenries | Net |
|-----------|--------|-------------|---------------|
| CO-42 | 6195 | .185-1.000 | .88 |
| CO-43 | 6196 | .054-0.245 | .73 |
| CO-44 | 6196-A | .054-.50 | Tapped .85 |
| CO-45 | 6197 | .550-2.300 | Tapped .85 |
| CO-46 | 6198 | .170-0.610 | .73 |
| CO-47 | 6199-A | 1.300-4.100 | Tapped .91 |
| CO-48 | 6199-B | .500-1.700 | .88 |
| CO-72 | 6313 | .50-5.0 | 1.18 |
| CO-73 | 6314 | 2.0-18 | 1.12 |
| CO-74 | 6315 | 4.0-30 | 1.18 |
| CO-75 | 6316 | 4.0-30 | With AGC 1.62 |
| CO-77 | 6317 | 3.2-9.0 | With AGC 1.47 |
| CO-78 | 6318 | 20-3.0 | 1.00 |
| CO-79 | 6319 | 15-60 | 1.47 |
| CO-80 | 6320 | 20-3.0 | Tapped 1.03 |
| CO-81 | 6321 | 1.0-5.0 | Tapped 1.18 |
| CO-82 | 6322 | 1.5-10 | 1.12 |
| CO-83 | 6323 | .50-5.0 | Tapped 1.03 |
| CO-84 | 6324 | 60-130 | Tapped 1.47 |

TRANSISTOR ANTENNA RODS



Low loss ferrite core with a high Q. 2000 and 2004 have an inductance of 240 μ H. 2007 has inductance of 150-1,000 μ H. All cover a band of 540-1650KC. Shpg. wt., 4 oz.

| Stock No. | Mtg. No. | Q @ 790K | Max. Tuning Cap. | Net |
|-----------|----------|----------|------------------|------|
| CO-16 | 2000 | 450 | 365 mmf. | 1.76 |
| CO-89 | 2004 | 500 | 365 mmf | 1.62 |
| CO-90 | 2007 | 220 | 100-250 mmf | 1.29 |

HIGH Q UNSHIELDED SHORT WAVE COILS

Adjustable Iron Core can be made to track with many types of variable condensers. For use with a 365 mfd tuning condenser. Oscillator coil is cathode tapped type and it is possible to achieve 3 point tracking when a .002 pad is used. Shpg. wt., 3 oz. CO-91 Type B5496C tapped osc. 455KC Net 1.47

LAFAYETTE EXCLUSIVE MINIATURE RECEIVER COMPONENTS

POLY-VARI-CON 2-GANG SUPER-HET VARIABLE CONDENSER



195

• ONLY 3/8x1-1/16" SQ.!

Two-gang midget variable for top performance in transistor superhet circuits. Capacitance of antenna section, 10 to 195 mmf, and 8.5 to 87 mmf on the cut oscillator section. Self-contained trimmers. Tunes through 180°. Enclosed in transparent plastic case. Offers unlimited possibilities to the experimenter. Shpg. wt., 4 ozs. MS-270 2-Gang Variable Imported Net 1.95

SINGLE GANG POLY-VARICON

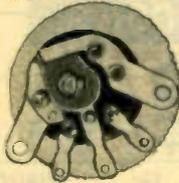
10 to 365 mmf. Tunes through 180°. 3/8x1 1/8x1 1/8". Shpg. wt., 4 ozs. Imported MS-274 Net 1.25

ATTRACTIVE TUNING DIAL FOR MINIATURE "POLY-VARI-CON" CONDENSER

1 1/2" diam. Shpg. wt., 4 ozs. Imported KN-24 IVORY AND GOLD Net .45
KN-25 MAROON AND SILVER Net .45

REPLACEMENT 5K VOLUME CONTROL FOR JAPANESE TRANSISTOR RADIOS

.59



A volume control with the proper resistance, dimensions and mounting for replacement in almost all compact transistor radios. A 5,000 ohm potentiometer with S.P.S.T. switch. Only 3/8" dia., 1/2" total depth. Easily installed in printed circuits. Comes with 3/8" dia. knob. Shpg. wt., 2 ozs. Imported
VC-62 Net .59

TRANSISTOR SUPER-HET LOOP ANTENNA

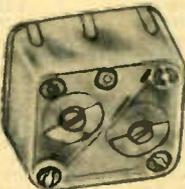


The latest transistor loop antenna especially designed to match the input impedance of the RF stage in transistor super-het circuits. Requires maximum capacity of 195 mmf in RF section of variable condenser. Matched with the New Super Midget 2 gang variable condenser. MS-270 to give excellent sensitivity and selectivity through the entire broadcast band of 540-1650 kc. Wound on high efficiency iron core 3 1/2" dia. x 1/4" dia. Shpg. wt., 4 ozs.
MS-272 Ant. Coil Each, Net .95

MINIATURE 2 GANG VARIABLE CONDENSER FOR JAPANESE TRANSISTOR RADIOS

- Perfect Replacement in Most Sets
- Size: 11/16x11/16x3/8" Deep

The ideal variable tuning condenser for replacement in practically all of the current miniature Japanese transistor receivers. The unusually small size of this variable permits it to be installed in the most compact radios. Easily mounted on printed circuit boards. Sturdy transparent plastic case protects delicate plates from any possible damage. Rotates through a full 180°. Sturdy solder leads. Trimmer adjustment on rear of case. Shpg. wt., 4 ozs. Imported
MS-840 Net 1.95

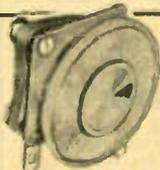


SMALLEST TUNING CONDENSER—WITH DIAL

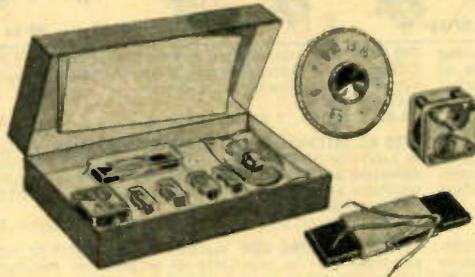
- LAFAYETTE SPECIAL
- 365 MMF.
- POLYETHYLENE DIELECTRIC
- ONLY 1" SQUARE, 3/8" DEEP
- FOR TRANSISTOR & MINIATURE CIRCUITS

.59

A new "Poly-Vari-Con" model for use in TRF broadcast-band and experimental receivers. Complete with good-looking clear plastic tuning dial with calibrations from 530 to 1600 KC. Capacity variable from 10 to 365 mmf. Knurled dial is 1 1/4" diam.; rotation is 180°. Dial is mounted to condenser shaft by 3/8" diam. chrome-plated threaded retainer. Shpg. wt., 5 oz. Imported
MS-445 Net .59



ULTRA SUB-MINIATURE TRANSISTOR COIL KIT



- Smallest 2 Gang Variable Ever Made!
- Size: 11/16" Square, 3/8" Deep
- 3 I.F.'s and OSC: 1/4" Square, 3/8" High
- Ferrite Loop Antenna



345

All in one kit — a complete set of matched micro-miniature coils, ferrite loop antenna, ultra-compact 2 gang variable condenser, tuning dial and schematic diagram for building a subminiature 6 transistor radio. Kit includes: Shielded and impregnated high-Q 455 KC IF transformers and oscillator coil-all slug tuned. Proper impedances are provided for optimum circuit performance. Variable condenser has protective case and rear trimmer adjustment. Flat ferrite loop antenna measures 2 1/8x3/8x1/4" thick. Clearly — printed circuit diagram indicates all parts necessary for a powerful 6 transistor receiver. Tuning dial and knob (1 1/4" dia.) fits securely on V.C. shaft. The ultra-compactness and quality of these essential components allow you to construct a broadcast radio, miniature by today's standards, at tremendous savings. Shpg. wt., of kit is 1 lb. Imported
MS-828 Net 3.45

MATCHED TRANSISTOR 455 KC I.F.'S

- FERRITE CORE — SLUG TUNED • ONLY 1/2" SQ. 9/16" H

Products of the latest engineering research, these 455 KC transistor I.F. transformers are designed with improved ratios of primary to secondary turns and of capacity to inductance for perfect impedance matching. Exact research has proven that matching 1st and 2nd I.F.'s having a primary impedance of 25,000 ohms and a secondary impedance of 600 ohms with a 3rd I.F. having a primary impedance of 25,000 ohms and a secondary impedance of 1,000 ohms gives vastly improved results in transistor superhet circuits. Lafayette is first to make these specially matched transistor 455 KC I.F. transformers available to you. Shpg. wt., 4 ozs.



MS-268A 1st and 2nd I.F. primary impedance 25,000 ohms, secondary 600 ohms .89
MS-269A 3rd I.F. primary impedance 25,000 ohms, secondary 1,000 ohms .89



TRANSISTOR OSCILLATOR COIL

For 455KC IF circuits. Matches MS-270 variable condenser when used with MS272 ant. loop; matches MS-261 variable cond. with MS264 ant. loop. Size 3/8x1". Wt., 4 ozs. Imported
MS-265 In lots of 6, Ea. .69
Singly, Each .79

.79

TRANSISTOR LOOP ANTENNA AND OSC. COIL



A loop antenna with a primary inductance of 700 microhenry, especially designed with the proper tap to match the input impedance required in transistor circuits. Covers the entire broadcast band from 540-1650 KC when used with latest miniature type variable condensers such as used in G.E. Regency and other subminiature sets. (Lafayette MS-261 is ideal.) Requires maximum capacity of 123 mmf in RF section of variable condenser. Wound on high efficiency iron core 4" long x 1/4" diam. Shpg. wt., 4 ozs.
MS-264 Net .95
MS-265 Matching Oscillator Coil. In lots of 6, Each .69
Singly, Each .79

MATCHED SET TRANSMISSION ANTENNA LOOP AND OSC. COIL



FOR USE WITH 365 MMF CONDS.

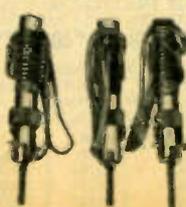


A Transistor Loop Antenna with a fixed inductance loop; specially designed with 1/2" diameter Ferrite Rod to insure adequate signal to the first stage. Inductor is tapped to match an input impedance of 600 ohms. Frequency range 540-1650 KC. when used with variable condenser having a maximum capacity of 365 mmf. Dimensions 3/8x4 1/8". Shpg. wt., 4 ozs.
MS-166 Net 1.25

OSCILLATOR COIL

Designed for transistor circuits to supply the local oscillator energy to mixer stage. Intermediate frequency 455 Kc. Used with a variable condenser maximum capacity of 365 mmf. Mounting clip fits into 3/8" diameter hole. Dimensions 3/8x1 1/8" high. Shpg. wt., 4 ozs.
MS-165 Net .69

KIT OF 3 MINIATURE ADJUSTABLE LOOPSTICKS



- Nondirectional—Install in Any Position
- Pulls in Distant Radio Stations

.89

Lafayette's kit of 3 miniature adjustable loopsticks pull in those distant radio stations with amazing ease and clarity. Has set-screw adjusting slug to obtain maximum loudness. May be installed in any position. Complete with instructions. Shpg. wt., 8 oz. Imported
MS-880 Set of 3 Net .89



LAFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS



TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL — FOR USE WITH MINIATURE SETS

Size 2 3/8" L x 3/4" W x 3/16" Thick

Flat Ferrite Tapped Antenna Coil, for transistor circuits. Small in size for miniature sets. Frequency range 540 to 1650 KC when used with 195 μ f tuning condenser, such as the Poly-Vari-Con MS-270. Inductance 397 μ H.

MS-329 Shpg. wt., 4 oz. Net 98

FOR USE WITH 365 μ f VARIABLE CONDENSER

Small in size, 2 3/8" L x 3/4" W x 3/16" Thick, for miniature circuits. For use with 365 mmf Variable Condensers, such as MS-142, MS-274 and MS-445. Inductance 230 μ H. Shpg. wt., 4 oz.

MS-330 Transistor Antenna Coil Net 98

HIGH-GAIN LOOPSTICK ANTENNA

An excellent selection of highly efficient, low-cost, ferrite core antennas. Give high gain across complete broadcast band from 540 to 1600 KC when tuned with standard 365 mmf tuning condenser. Ideal as replacements for bulky, old-fashioned loop antennas on back of AM broadcast receivers. Give sensitive reception from all directions—you don't have to rotate your radio to pick up weak stations.

A. VARI-LOOPSTICK. A revolutionary antenna development. An extremely small yet very powerful replacement antenna with a "Q" of 240-275. Boosts sensitivity and signal to noise ratio considerably in portable receivers. With adjustable ferrite core for maximum peaking efficiency and precise tracking on entire broadcast band. Single hole snap-in mounting, plus mounting bracket. Equally efficient at any angle. 2 1/4" x 3/4". Shpg. wt., 4 oz.

MS-11 In lots of 10, Each 36c Singly, Each 39c

B. ENERGIZED FERRI-LOOPSTICK. New 5" ferrite rod loopstick antenna with a "Q" of up to 350. Extremely high gain brings in even distant stations not normally received. New type adjustable coil with self-locking vinyl collar permits peaking antenna for super sensitive results. 3/4" x 5". Shpg. wt., 6 oz.

MS-267 Net 88c

C. 7" SUPER LOOP. Super sensitive ferrite loopstick antenna with a "Q" of up to 425. Excellent for replacement of old style loops. Brings in even hard to get stations with incomparable ease. Adjustable for maximum sensitivity over length of 7 in. Complete with mount. Shpg. wt., 6 oz.

MS-44 Net 1.32

TRANSISTOR TAPPED VARIABLE ANTENNA COIL

- BOOSTS SIGNAL PICKUP
- SUPER-SELECTIVE!

Transistor-wise Lafayette leads again with this new miniature tapped Variable Antenna Coil. Specially designed for matching the low input impedance of transistors. Results in maximum transfer of signal energy from tuning stage when used with 365 to 420 μ f variable capacitors, as well as in minimum loading by first transistor stage for sharper tuning and greater selectivity. Also improves selectivity and performance when used in multiple tuned RF stages. Highly sensitive with a "Q" of up to 250. With adjustable ferrite core for maximum peaking. Single-hole snap-in mounting, plus mounting bracket. Efficient at all angles. Size: 2x3/8" diam. Shpg. wt., 4 oz.

MS-299 Net 59c

TRANSISTOR POTENTIOMETERS DIME SIZE



5/8" Dia. Imported

For Transistor and Sub-Miniature Circuits

Versatile carbon controls for audio, tone and similar applications; specially designed for Transistor and Sub-miniature circuits. Only 5/8" diameter, Shaft 1" long 3/4" diameter. Shaft easily cut to desired length, includes nut and lock washer. Shpg. wt., 2 oz.

WITHOUT SWITCH

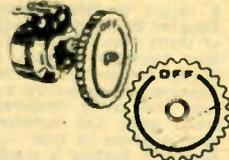
| | | |
|----------------------------------|-------------------|----------|
| VC-32 1,000 ohms | VC-24 25,000 ohms | 49c each |
| VC-33 5,000 ohms | VC-36 50,000 ohms | |
| VC-34 10,000 ohms | VC-37 1/2 Meg | |
| VC-35 15,000 ohms | VC-38 1 Meg | |
| MS-185—Miniature Knob 3/8" Diam. | | |

WITH S.P.S.T. SWITCH

These Versatile Sub-Miniature Controls with S.P.S.T. switch ratings 1 amp at 20 Volts, 1/4 amp at 67 1/2 Volts. Control was especially designed for Transistor and Sub-Miniature applications; Bushing 1/4" diameter and 1/4" long, includes nut and lock washer. Only 3/4" diameter 3/4" deep, shaft 3/4" diameter, 1" long. Shaft can be cut to desired length.

| | | |
|----------------------------------|-------------------|----------|
| VC-26 1,000 ohms | VC-25 25,000 ohms | 69c each |
| VC-27 5,000 ohms | VC-31 50,000 ohms | |
| VC-28 10,000 ohms | VC-39 1/2 Meg | |
| VC-29 15,000 ohms | VC-40 1 Meg | |
| MS-185—Miniature Knob 3/8" Diam. | | |

TRANSISTOR 5000 OHM POT WITH SWITCH, SLOTTED SHAFT AND KNURLED FLAT DIAL—3/4" DIAM.



New 5,000 ohm, 3/4" diam. subminiature volume control with ON-OFF switch. Ideal for transistor kits! Neat knurled plastic dial etched with "OFF" press fitted into 1/4" L x 1/4" diam. slotted shaft. 1/2" body height, 1 1/4" L overall. Shpg. wt., 2 oz.

VC-48 Complete with KN-23 Dial Net .81

TRANSISTOR ON-OFF VOLUME CONTROL DIAL Neat flat transparent dial color-etched with "OFF". Fits 3/4" diam. volume control slotted shafts. Knurled periphery for easy vertical or horizontal activation. 1" diam. x 3/4" thick. Can easily fit VC-26 thru VC-35 if slot is made in shaft. Imported

KN-23 Net .12c

TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL

- HIGH "Q" FOR MAXIMUM PICKUP

Latest super-sensitive Transistor Flat Ferrite Tapped Antenna Coils. Specially designed to match the low input impedance of transistor RF stages for maximum sensitivity and selectivity. Fixed inductance loops with large ferrite area for increased signal pickup and a "Q" of up to 350. Size: 5/4" L x 1/4" W x 3/16" Thick. Shpg. wt., 4 oz.

FOR USE WITH 195 μ F CAPACITORS SUCH AS "POLY-VARI-CON" MS-270 Matched with the world's smallest transistor superhet variable capacitor MS-270 for excellent broadcast sensitivity and selectivity. 397 μ H inductance.

MS-307 Net 98c

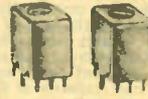
FOR USE WITH 123 μ F CAPACITORS SUCH AS MS-261 Matched with MS-261, the popular transistor superhet variable capacitor used in sets such as G.E., Regency, etc. 760 μ H inductance.

MS-308 Net 98c

FOR USE WITH 365 μ F CAPACITORS SUCH AS MS-142 For use with 365 mmf. Variable Condensers such as MS-142, MS-274 and MS-445. Inductance 230 μ H.

MS-309 Net 98c

MINIATURE AND SUB-MINIATURE TRANSFORMERS IDEAL REPLACEMENTS FOR JAPANESE 6-TRANSISTOR RADIOS



Slug tuned, printed circuit mounted miniature IF transformers. All have 455 KC intermediate frequency. Each with schematic and pin contacts. Shpg. wt., 6 oz. Imported

- ALL UNITS ONLY 3/8" SQ. AND 9/16" HIGH

MS-779 Oscillator Coil: Inductance 270 μ H

MS-780 1st IF: pri. 70,000 ohms, sec. 1500 ohms

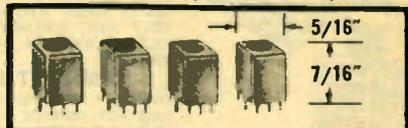
MS-781 2nd IF: pri. 50,000 ohms, sec. 1000 ohms

MS-782 3rd IF: pri. 30,000 ohms, sec. 5000 ohms

NET EACH .59

SUB-MINIATURE TRANSFORMERS

- ALL UNITS ONLY 5/16" SQ. AND 7/16" HIGH



Same as miniature IF transformers above except size.

MS-775 Oscillator Coil

MS-776 1st IF

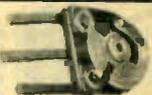
MS-777 2nd IF

MS-778 3rd IF

NET EACH .69 Imported

SUB-MINIATURE VARIABLE RESISTORS

SIZE—3/8" Dia. 1/8" Thick 29c each



Carbon composition potentiometers built for the most compact installations—in transistor and sub-miniature circuits. Ideal for printed circuits. Sh. wt., 2 oz.

VC-57 1000 ohms VC-58 5K ohms VC-59 10K ohms

VC-60 50K ohms VC-61 500K ohms Imported

ANTENNA COIL



Antenna Coil—Highly efficient ferrite antenna coil for Japanese superhet receivers. 437 microhenries, Q is 200 at 1000 kc. 2 3/4" x 1 1/2" x 3/16". Shpg. wt., 4 ozs.

MS-754 Imported Net .59

7" TRANSISTOR LOOP ANTENNA



Tapped to match input impedance of transistor circuits. Covers broadcast band with variable such as Laf. MS-261 and Laf. MS-265 oscillator coil. "Q" over 400. Ferrite core 7x1/2". Shpg. wt., 6 oz.

MS-358 1.10

FERRITE ANTENNA CORES

- FERRAMIC Q ROOS AND STRIPS!
- CUSTOM BUILD YOUR FERRITE ROD ANTENNAS!

Now you can wind your own ferrite rod antenna—to fit your own particular length, width and Q requirements. A real boon to the experimenter—builder—small lab.—design engineer. A necessity in attempting receiver miniaturization. Easily cut to any size required. Avg. shpg. wt., 4 oz.

MS-331 Rod 7 1/2 x 3/4" .30 12 for

MS-332 Rod 7 1/2 x .33" .48 3.74

MS-333 Rod 7 1/2 x 1/2" .65 6.98

LITZ WIRE

7/41 stranded per 100 ft. Shpg. wt., 8 oz.

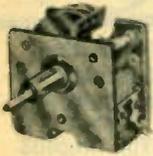
WR-417 Belden #8817 Net .29

SPECIALTY PARTS for the EXPERIMENTER, BUILDER and HAM

NEW LAFAYETTE VARIABLE TUNING CONDENSER FOR CB & 10 METER RIGS

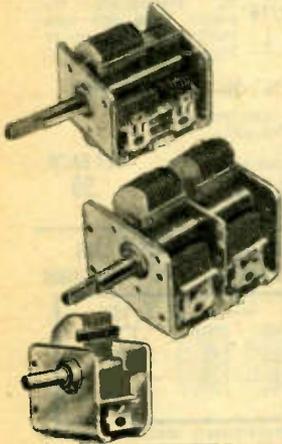
- Used in Famous Lafayette HE-20A and HE-15A Transceivers

A single ganged, variable tuning condenser offering unlimited possibilities to the experimenter, ham, and hobbyist in building Citizen Band Transceivers and 10 Meter rigs. This condenser is used by Lafayette engineers in their famous HE-20A and HE-15A Transceivers. The unusually fine vernier action of the tuning shaft allows for the very precise adjustment needed to select the closely allotted channels of the 27 MC Citizen's Band frequencies. Rotates thru a full 180°. Single ganged, having a shaft with an overall length of 1 1/8 inches. Can be top or front panel mounted. Well constructed with a minimum capacity of 6.5 mmf, and a maximum capacity of 13 mmf. Dimensions 1 1/2" x 1 1/2" x 1 1/2" inches excluding shaft.
MP-72 Shpg. wt., 3 oz. Net 1.30



VARIABLE CONDENSERS MIDGET 2 GANG SUPER

2 gang. Front section 27 plates with capacity of 10.5 mmf to 365 mmf; rear section plates with capacity of 7.6 mmf to 132 mmf individual trimmers on each section. End plates of RF section slotted for easy tracking. 180° rotation. Capacity increases counter clockwise. 1/4" diam. brass shaft, mounted on ball-bearings, extends 1 1/2" from cadmium plated steel frame. Frame size: 1 1/2" x 1 1/2" x 1 1/2" H. Stand-ard mounting holes front and rear. Brass contact wiper. For superhet circuits with 455 KC IF. Shpg. wt., 10 oz. Net .98

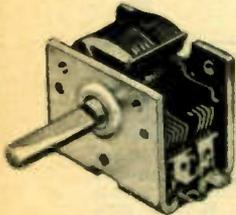


2 GANG TRF
Same construction as above but each gang has 23 plates. Maximum capacity each section 365.7 mmf, minimum 10.3 mmf. Frame size 2 3/4" x 1 1/2" x 1 1/2" H. Shpg. wt., 10 oz. Net .98

MIDGET 1 GANG TRF
Similar in construction to above but single gang with capacity from 10 to 365 mmf. Size 1 1/2" x 1 1/2" x 1 1/2" H. Shpg. wt., 5 oz. Net .73

TRANSISTOR MINIATURE 2 GANG SUPER-HET VARIABLE CONDENSER ONLY 1 1/2" x 1 1/2" x 1 1/2"

Lightweight — both the frame and plates are aluminum. Smooth ball bearing action over entire 180° rotation. Bakelite stator insulation. Capacity of 11 plate R.F. section is 6.3 to 123.1 mmf; 9 plate oscillator section is 5.7 to 78.2 mmf. Effective range of trimmers 15 mmf. These add 2 mmf to minimum capacity. Capacity increases in counter clockwise direction. Flatted shaft, 1/4" diameter by 1 1/4" long. Frame size only 1 1/2" x 1 1/2" x 1 1/2" H. Shpg. wt., 5 oz. Net .95



NATIONAL RF CHOKES

Wound on ceramic forms except R33, R50 and R60 series on bakelite. All have fungus resistant varnish coat. Type R33 is 2 section, R50 are 3 and 4 section. Types with † mounted on fixed standoff insulator. Types ending in U have removable standoff. Avg. shpg. wt., 2 to 6 oz.

| Stock No. | Mfr. Type | Fig. | MHz | Ma | Ohms | NET EACH |
|-----------|-----------|------|------|------|------|-------------|
| | | | | | | 1-49 50-149 |
| MP-125 | R-100 | A | 2.5 | 115 | 44 | .54 .51 |
| MP-126 | R-100 | A | 5 | 70 | 90 | .54 .51 |
| MP-127 | R-100 | A | 10 | 60 | 130 | .54 .51 |
| MP-129 | R-100U† | B | 2.5 | 115 | 44 | .66 .63 |
| MP-130 | R-100U† | B | 5 | 70 | 90 | .66 .63 |
| MP-131 | R-100U† | B | 10 | 60 | 130 | .66 .63 |
| MP-133 | R-100S† | C | 2.5 | 115 | 44 | .92 .87 |
| MP-134 | R-100S† | C | 5 | 70 | 90 | .92 .87 |
| MP-135 | R-100S† | C | 10 | 60 | 130 | .92 .87 |
| MP-137 | R-100ST | D | 2.5 | 115 | 44 | .60 .57 |
| MP-138 | R-100ST | D | 5 | 70 | 90 | .60 .57 |
| MP-139 | R-100ST | D | 10 | 60 | 130 | .60 .57 |
| MP-128 | R-300 | A | 1 | 400 | 11 | .57 .54 |
| MP-132 | R-300U† | B | 1 | 400 | 11 | .69 .60 |
| MP-136 | R-300S† | C | 1 | 400 | 11 | .95 .90 |
| MP-139 | R-300ST | D | 2.5 | 375 | 17 | .63 .60 |
| MP-146 | R-50 | E | .5 | 150 | 15 | .42 .40 |
| MP-147 | R-50 | E | 1 | 135 | 23 | .42 .40 |
| MP-145 | R-50 | E | 2.5 | 125 | 38 | .42 .40 |
| MP-148 | R-50-1 | E | 10 | 115 | 36 | .72 .68 |
| MP-150 | R-154 | G | 1 | 600 | 6 | 2.31 2.08 |
| MP-151 | R-154U | H | 1 | 600 | 6 | 2.01 1.81 |
| MP-152 | R-175A | J | .225 | 800 | 5 | 3.56 3.20 |
| MP-143 | R-33 | E | 1* | 850 | .06 | .36 .34 |
| MP-140 | R-33 | E | 10* | 350 | 1.8 | .36 .34 |
| MP-141 | R-33 | E | 50* | 225 | 3.5 | .36 .34 |
| MP-142 | R-33 | E | 100* | 200 | 5 | .36 .34 |
| MP-144 | R-33 | E | 750* | 125 | 16 | .36 .34 |
| MP-149 | R-60 | F | 2* | 1500 | .06 | .29 .28 |

† = Millihenries * = Microhenries

HAMMARLUND MINIATURE VARIABLE CONDENSERS TYPE APC

Compact, high quality. Has high leakage resistance, and resistant to temperature, moisture, and vibration effects. Straight line capacitance. Hex collar on slotted shaft for rotor and screw-driver adjustment. Air gap is 0.015" nominal. Shpg. wt., 4 oz.



Series APC (Screwdriver Slot)

| Stock No | Mfrs. Type | Max. Mmf. | Min. Mmf. | Net |
|----------|------------|-----------|-----------|------|
| MP-10 | APC-15 | 17 | 2.8 | 1.22 |
| MP-11 | APC-25 | 25 | 3.0 | 1.32 |
| MP-12 | APC-50 | 50 | 3.9 | 1.52 |
| MP-13 | APC-75 | 75 | 4.6 | 1.67 |
| MP-14 | APC-100 | 100 | 5.5 | 1.81 |
| MP-15 | APC-140 | 140 | 6.7 | 2.11 |

Series APC-B (1/2" Shaft)

| MP-16 | APC-15B | 17 | 2.8 | 1.47 |
|-------|----------|-----|-----|------|
| MP-17 | APC-25B | 25 | 3.0 | 1.57 |
| MP-18 | APC-50B | 50 | 3.9 | 1.76 |
| MP-19 | APC-75B | 75 | 4.6 | 1.91 |
| MP-20 | APC-100B | 100 | 5.5 | 2.06 |
| MP-21 | APC-140B | 140 | 6.7 | 2.35 |

Series APC-C (locking shaft)

| MP-22 | APC-15C | 17 | 2.8 | 1.62 |
|-------|----------|-----|-----|------|
| MP-23 | APC-25C | 25 | 3.0 | 1.71 |
| MP-24 | APC-50C | 50 | 3.9 | 1.91 |
| MP-25 | APC-75C | 75 | 4.6 | 2.06 |
| MP-26 | APC-100C | 100 | 5.5 | 2.20 |
| MP-27 | APC-140C | 140 | 6.7 | 2.50 |

TYPE HF (not illus.)
Single section tuning employing "APC" rotor and stator design—ideal for critical high freq. circuits. Insulantite insulation. Air gap is 0.015" nominal.

| MP-46 | HF15 | 17.5 | 2.8 | 1.12 |
|--------|-------|------|-----|------|
| MP-47 | HF35 | 36 | 3.2 | 1.22 |
| MP-48 | HF50 | 42 | 3.7 | 1.28 |
| MP-49 | HF100 | 102 | 5.3 | 1.46 |
| MP-100 | HF140 | 142 | 6.3 | 1.73 |

TYPE MAPC

About half the weight and size of the APC, but with the same quality and performance. Excellent for VHF use. Slotted shaft for screwdriver or hex wrench adjust. Nom. air gap 0.0135". Size 3/2" x 1 1/4" H. Shpg. wt., 4 oz.

Series MAPC (Screwdriver Slot)

| Stock No | Mfrs. Type | Max. Mmf. | Min. Mmf. | Net |
|----------|------------|-----------|-----------|------|
| MP-28 | MAPC-15 | 15 | 2.3 | .99 |
| MP-29 | MAPC-25 | 25 | 2.6 | 1.08 |
| MP-30 | MAPC-35 | 35 | 2.9 | 1.08 |
| MP-31 | MAPC-50 | 50 | 3.2 | 1.17 |
| MP-32 | MAPC-75 | 75 | 3.9 | 1.25 |
| MP-33 | MAPC-100 | 100 | 4.5 | 1.58 |

Series MAPC-B (1/2" Shaft)

| MP-34 | MAPC-15B | 15 | 2.3 | 1.08 |
|-------|-----------|-----|-----|------|
| MP-35 | MAPC-25B | 25 | 2.6 | 1.15 |
| MP-36 | MAPC-35B | 35 | 2.9 | 1.17 |
| MP-37 | MAPC-50B | 50 | 3.2 | 1.23 |
| MP-38 | MAPC-75B | 75 | 3.9 | 1.35 |
| MP-39 | MAPC-100B | 100 | 4.5 | 1.50 |

Series MAPC-C (locking shaft)

| MP-40 | MAPC-15C | 15 | 2.3 | 1.31 |
|-------|-----------|-----|-----|------|
| MP-41 | MAPC-25C | 25 | 2.6 | 1.37 |
| MP-42 | MAPC-35C | 35 | 2.9 | 1.34 |
| MP-43 | MAPC-50C | 50 | 3.2 | 1.43 |
| MP-44 | MAPC-75C | 75 | 3.9 | 1.52 |
| MP-45 | MAPC-100C | 100 | 4.5 | 1.97 |

STANDARD INSULATED COUPLING

• 1/4 to 1/2 Coupling
A rugged insulated flexible coupling designed to provide mechanical ganging of shafts even if angularly misaligned. High Electrical isolation is achieved through the use of seatite insulation. Flashover voltage is 2500 V. RMS. Brass hubs and spring tempered phosphor bronze arms. Can withstand temperature variations of from -110 to 210 degrees F. Bushing is standard 1/4" diameter. Shpg. wt., 1 1/2 oz. Imported. Net .39



MIDGET TRIMMER

BUO type MT-833. Popular 3 to 36 mmf. trimmer used for oscillator tracking, antenna coupling, and interstage coupling. Ceramic base. Shpg. wt., 2 oz. C-738 Net .15



EXTENSION RODS

For 1/4" dia. extensions. Av. shpg. wt., 4 oz.
MS-196—6" Brass .18
MS-197—6" Phenolic .15
MS-198—12" Brass .35
MS-199—12" Phenolic .29

COUPLERS EXTENDERS

(A) (B)
Brass couplings (A) and extenders (B). Diameter of extender or coupling may be equal to, greater than, or less than diameter of shaft extended. Extender shaft length, 3/8"; overall length, 1 1/4". Average shpg. wt., 4 oz.
Stock No. Description Size Each
MS-201 Coupling 1/4 x 1/4" .18
MS-202 Coupling 1/4 x 3/8" .18
MS-203 Coupling 3/8 x 3/8" .18
MS-204 Extender 1/4 x 1/4" .19
MS-206 Extender 3/8 x 1/4" .19



DIAL CORD

Handy spools of pre-stretched nylon dial cord in sizes that cover almost all replacement needs. Breaking strength med. is 35 lbs., std. 20 lbs., thin 15 lbs. Average shpg. wt., 5 ozs.

PANEL BEARING ASSEMBLY

Use with rigid or flexible coupling when mounting. For up to 3/4" panels. Av. shpg. wt., 6 oz.
MS-193—3" long. 1/4" shaft .32
MS-194—6" long. 1/4" shaft .38
MS-195—Bearing only .09

MICA TRIMMERS AND PADDERS

| STOCK NO | MMF | EACH 1-9 | EACH 10-49 | EACH 50 UP |
|----------|---------|----------|------------|------------|
| C-731 | 2-30 | .24 | .21 | .18 |
| C-732 | 4-80 | .26 | .23 | .20 |
| C-733 | 9-180 | .29 | .26 | .23 |
| C-734 | 25-280 | .32 | .29 | .26 |
| C-735 | 45-380 | .35 | .31 | .28 |
| C-736 | 70-48C | .38 | .34 | .31 |
| C-737 | 100-580 | .44 | .40 | .36 |

| TYPE | OIA. | NO. 100' | NET | NO. 25' | NET |
|------|-------|----------|------|---------|-----|
| Med. | .040" | MS-507 | 2.91 | MS-504 | .88 |
| Std. | .032" | MS-508 | 2.91 | MS-505 | .88 |
| Thin | 0.25" | MS-509 | 2.91 | MS-506 | .88 |

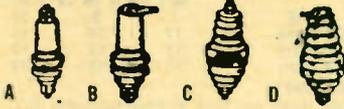
INSULATORS AND TERMINAL CONNECTORS



E. F. JOHNSON INSULATORS



THRU PANEL INSULATORS



Available in steatite or porcelain types—The high voltage insulators are compression mounted by means of a stud throughout the entire length of the unit. Extrusion of insulator base extends thru mounting hole, increasing the breakdown rating. Flat mounting surfaces with cushion washer. Hardware: *10-32, banana jack plus lug type terminal, † ¼"-20, ‡ 6-32. Average shpg. wt., 10 oz.

STEATITE

| Stock No. | Mfrs. Type | Fig. | Top Ht. | PNL Hole | Net Each | | |
|-----------|------------|------|---------|----------|----------|-------|---------|
| | | | | | 1-49 | 50-99 | 100-499 |
| CN-475 | 40 | A* | 1 1/4" | 3/8" | .35 | .32 | .27 |
| CN-476 | 40-2 | BΔ | 1 1/4" | 3/8" | .45 | .42 | .35 |
| CN-477 | 42 | A* | 7/8" | 1/2" | .35 | .32 | .27 |
| CN-478 | 42-2 | BΔ | 7/8" | 1/2" | .45 | .42 | .35 |
| CN-479 | 44 | A‡ | 5/8" | 1/2" | .27 | .25 | .21 |

PORCELAIN

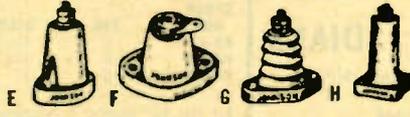
| | | | | | | | |
|--------|------|----|--------|--------|------|------|------|
| CN-480 | 45 | C* | 1 3/8" | 1/2" | .47 | .43 | .36 |
| CN-481 | 45-2 | DΔ | 1 3/8" | 1/2" | .57 | .53 | .44 |
| CN-482 | 46 | A† | 2 3/4" | 1 1/2" | 1.30 | 1.20 | 1.01 |
| CN-483 | 47 | A† | 4 1/2" | 2 1/2" | 1.85 | 1.71 | 1.43 |
| CN-484 | 48 | C* | 2" | 1 1/8" | .70 | .65 | .54 |
| CN-485 | 48-2 | DΔ | 2" | 1 1/8" | .83 | .77 | .64 |

STEATITE CONE INSULATORS

Ideal for mounting coils, capacitors etc. Constructed of grade L-4 or better steatite. Deep, clean threads are tapped directly into the ceramic. Insulators are furnished complete with 2 nickel plated machine screws, nickel-plated brass washers, and a cork cushion washer.

| Stock No. | Mfrs. Type | Ht. | Wdth. | Net Each | | |
|-----------|------------|--------|--------|----------|-------|---------|
| | | | | 1-49 | 50-99 | 100-499 |
| CN-509 | 500 | 5/8" | 5/8" | .23 | .21 | .18 |
| CN-510 | 501 | 1" | 3/4" | .31 | .29 | .24 |
| CN-511 | 502 | 1 1/2" | 1" | .51 | .47 | .40 |
| CN-512 | 503 | 2" | 1 1/8" | .71 | .66 | .55 |
| CN-513 | 504 | 3" | 1 1/2" | 1.20 | 1.11 | .93 |

STAND OFF INSULATORS



Ideal for Transmitter Applications. Features low leakage, low cap., freedom from moisture absorption. STEATITE—Sturdy and economical, these insulators have relatively large mounting surfaces. Two hole mounting permits substantial lateral loads. PORCELAIN—Type 60 and 62 are ribbed and feature square mounting bases with four mounting holes. Type 65, 65-2, 68, 68-2 are ribbed and have drain and etched aluminum bases. Type 66, 6G2, and 67 have smooth surfaces and drawn bases †—hardware—banana jack and a solder lug mounted on top of the insulator * similar to fig. G, but with square base. Avg. shpg. wt., 1 lb.

STEATITE

| Stock No. | Mfrs. Type | Fig. | Body Ht. | Hardware | Net Each | | |
|-----------|------------|------|----------|----------|----------|-------|---------|
| | | | | | 1-49 | 50-99 | 100-499 |
| CN-486 | 20 | E | 1 1/2" | 10-32 | .25 | .23 | .19 |
| CN-487 | 20-2 | F | 1 1/2" | † | .30 | .28 | .23 |
| CN-488 | 22 | E | 1" | 8-32 | .19 | .18 | .15 |
| CN-489 | 22-2 | F | 1" | † | .23 | .21 | .18 |
| CN-490 | 24 | E | 5/8" | 6-32 | .15 | .14 | .12 |

PORCELAIN

| | | | | | | | |
|--------|------|----|--------|--------|-----|-----|-----|
| CN-491 | 60 | G* | 4 1/2" | 1/4-20 | .98 | .91 | .76 |
| CN-492 | 62 | G* | 2 3/4" | 1/4-20 | .60 | .56 | .47 |
| CN-493 | 65 | G | 1 3/4" | 10-32 | .30 | .28 | .23 |
| CN-494 | 65-2 | G | 1 3/4" | † | .39 | .36 | .30 |
| CN-495 | 66 | H | 2 3/4" | 1/4-20 | .87 | .80 | .67 |
| CN-496 | 66-2 | H | 2 3/4" | † | .98 | .91 | .76 |
| CN-497 | 67 | H | 4 1/2" | 1/4-20 | .98 | .91 | .76 |
| CN-498 | 68 | G* | 2" | 10-32 | .46 | .43 | .36 |
| CN-499 | 68-2 | G* | 2" | † | .54 | .50 | .42 |

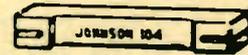
LEAD-IN BUSHINGS



Insulated bushings ideal for use in transmitter and antenna installations. Serves as antenna terminals on transmitters, as high voltage terminals on heavy duty power supplies. Type 50, 51, 52, and 55 are steatite, supplied with cushion washers and hardware. Type 53, and 54 are porcelain less all hardware except cushion washer. Maximum diameter, Type 50 3/4", Type 51 1 1/4", Type 52 1 3/4", Type 53 2 1/2", Type 54 3 1/2", and Type 55 3 1/4". Avg. shpg. wt., 8 oz.

| Stock No. | Mfrs. Type | Fig. | Top Ht. | PNL Hole | Net Each | | |
|-----------|------------|------|---------|----------|----------|-------|---------|
| | | | | | 1-49 | 50-99 | 100-499 |
| CN-500 | 50 | M | 1 1/2" | 1 1/2" | .33 | .31 | .26 |
| CN-501 | 51 | M | 1 3/4" | 1 3/4" | .54 | .50 | .42 |
| CN-502 | 52 | M | 1 3/4" | 1 3/4" | .78 | .72 | .64 |
| CN-503 | 53 | K | 1 3/4" | 1 3/4" | .29 | .27 | .22 |
| CN-504 | 54 | J | 4" | 2 1/4" | .79 | .73 | .61 |
| CN-505 | 55 | L | 1 3/4" | 1 3/4" | .31 | .29 | .24 |

ANTENNA STRAIN INSULATORS



Porcelain type glazed to prevent moisture and absorption. Superior quality—heavily glazed surfaces and heavy nickel-plated brass hardware. Type 107 and 112 are wet process, 1" diameter; type 104 is dry process, 3/4" square with 400 lbs. breaking strength.

| Stock No. | Mfrs. Type | Size | Shpg. Wt. | Net Each | | |
|-----------|------------|------------|-----------|----------|-------|---------|
| | | | | 1-49 | 50-99 | 100-499 |
| CN-506 | 104 | 4x3/4" sq. | 4 oz. | .26 | .24 | .20 |
| CN-507 | 107 | 7x1" | 10 oz. | 1.18 | 1.09 | .91 |
| CN-508 | 112 | 12x1" dia. | 1 1/4 lb. | 1.70 | 1.57 | 1.32 |

FEEDER SPREADERS

Conventional feeder spreaders for high efficiency open-wire antenna feeders and transmission lines. Made of high grade low absorption porcelain, silicone impregnated for moisture resistance. 3/8x1/2" cross section. Avg. shpg. wt., 3 oz.

| Stock No. | Mfrs. Type | Length | Net Each | | |
|-----------|------------|--------|----------|-------|---------|
| | | | 1-49 | 50-99 | 100-499 |
| CN-514 | 136-122 | 2" | .17 | .16 | .13 |
| CN-515 | 136-124 | 4" | .24 | .22 | .19 |
| CN-516 | 136-126 | 6" | .32 | .30 | .25 |

ANTENNA STRAIN INSULATORS



Used as end insulators in long wire, dipole, and doublet antennas. Constructed of brown glazed porcelain. Shpg. wt., 2 oz.

| | | Net | |
|------------|--|------|------|
| | | Each | .05 |
| Lots of 10 | | Each | .045 |

CINCH JONES BARRIER STRIPS



Increased insulation is provided by having barriers placed between each terminal. Barriers follow around the edge of the strips and terminate at the base. Makes long leakage path and prevents shorts caused by frayed wires at the terminal. Base is molded bakelite. Avg. shpg. wt., 5 oz.

| Stock No. | Mfg. No. | Term. | Net Each | | |
|-----------|----------|-------|----------|-------|---------|
| | | | 1-49 | 50-99 | 100-499 |
| CN-229 | 1-140 | 1 | .09 | .075 | .06 |
| CN-100 | 2-140 | 2 | .14 | .12 | .096 |
| CN-103 | 3-140 | 3 | .20 | .165 | .132 |
| CN-106 | 4-140 | 4 | .25 | .21 | .168 |
| CN-109 | 5-140 | 5 | .31 | .255 | .204 |
| CN-112 | 6-140 | 6 | .35 | .295 | .239 |
| CN-115 | 7-140 | 7 | .41 | .34 | .272 |
| CN-118 | 8-140 | 8 | .46 | .385 | .308 |
| CN-121 | 9-140 | 9 | .52 | .43 | .344 |
| CN-124 | 10-140 | 10 | .57 | .475 | .38 |
| CN-127 | 11-140 | 11 | .62 | .515 | .412 |
| CN-130 | 12-140 | 12 | .67 | .56 | .448 |
| CN-230 | 13-140 | 13 | .73 | .605 | .484 |
| CN-231 | 14-140 | 14 | .79 | .655 | .524 |
| CN-232 | 15-140 | 15 | .84 | .70 | .56 |
| CN-233 | 16-140 | 16 | .89 | .745 | .596 |
| CN-234 | 17-140 | 17 | .94 | .785 | .628 |
| CN-235 | 18-140 | 18 | 1.00 | .83 | .664 |
| CN-236 | 19-140 | 19 | 1.05 | .875 | .70 |
| CN-237 | 20-140 | 20 | 1.10 | .92 | .736 |
| CN-238 | 21-140 | 21 | 1.16 | .965 | .772 |

Series 141 1 1/2 Wx 1/2 H. 6-32x 1/2" Screws

| Stock No. | Mfg. No. | Term. | Net Each | | |
|-----------|----------|-------|----------|-------|---------|
| | | | 1-49 | 50-99 | 100-499 |
| CN-101 | 2-141 | 2 | .19 | 1.55 | .124 |
| CN-104 | 3-141 | 3 | .25 | .21 | .168 |
| CN-107 | 4-141 | 4 | .32 | .27 | .216 |
| CN-110 | 5-141 | 5 | .39 | .325 | .26 |
| CN-113 | 6-141 | 6 | .45 | .375 | .30 |
| CN-116 | 7-141 | 7 | .53 | .44 | .352 |
| CN-119 | 8-141 | 8 | .59 | .495 | .396 |
| CN-122 | 9-141 | 9 | .66 | .55 | .44 |
| CN-126 | 10-141 | 10 | .73 | .61 | .488 |
| CN-128 | 11-141 | 11 | .80 | .665 | .582 |
| CN-131 | 12-141 | 12 | .86 | .72 | .676 |
| CN-239 | 13-141 | 13 | .94 | .78 | .624 |
| CN-240 | 14-141 | 14 | 1.00 | .835 | .668 |
| CN-241 | 15-141 | 15 | 1.07 | .89 | .712 |
| CN-242 | 16-141 | 16 | 1.14 | .95 | .76 |
| CN-243 | 17-141 | 17 | 1.21 | 1.005 | .804 |
| CN-244 | 18-141 | 18 | 1.27 | 1.06 | .848 |
| CN-245 | 19-141 | 19 | 1.34 | 1.120 | .896 |
| CN-246 | 20-141 | 20 | 1.41 | 1.175 | .94 |

Series 142 1 1/2 Wx 5/8 H. 8-32x 3/4" Screws

| Stock No. | Mfg. No. | Term. | Net Each | | |
|-----------|----------|-------|----------|-------|---------|
| | | | 1-49 | 50-99 | 100-499 |
| CN-102 | 2-142 | 2 | .22 | .18 | .144 |
| CN-105 | 3-142 | 3 | .31 | .255 | .204 |
| CN-108 | 4-142 | 4 | .39 | .325 | .26 |
| CN-111 | 5-142 | 5 | .47 | .39 | .312 |
| CN-114 | 6-142 | 6 | .55 | .46 | .368 |
| CN-117 | 7-142 | 7 | .64 | .535 | .428 |
| CN-120 | 8-142 | 8 | .72 | .60 | .48 |
| CN-123 | 9-142 | 9 | .80 | .67 | .536 |
| CN-125 | 10-142 | 10 | .89 | .745 | .596 |
| CN-129 | 11-142 | 11 | .97 | .81 | .648 |
| CN-132 | 12-142 | 12 | 1.06 | .88 | .704 |
| CN-247 | 13-142 | 13 | 1.14 | .95 | .760 |
| CN-248 | 14-142 | 14 | 1.22 | 1.02 | .816 |
| CN-249 | 15-142 | 15 | 1.31 | 1.09 | .872 |
| CN-250 | 16-142 | 16 | 1.39 | 1.16 | .928 |
| CN-401 | 17-142 | 17 | 1.47 | 1.225 | .98 |

CINCH JONES MARKER BARRIER STRIPS



Constructed of 3/32" black fiber and contain the same mounting holes as the barrier strips which they are to be used. Imprinted in white ink from 1 up. Strips can serve the purpose of insulating strips when barriers are mounted on metal surfaces. They prevent short circuits when longer screws are accidentally inserted. Avg. shpg. wt., 5 oz.

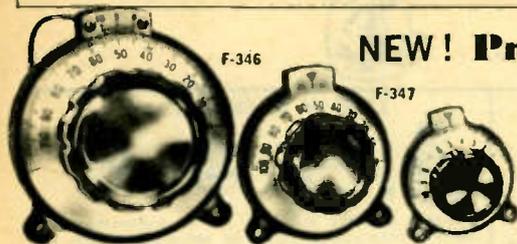
FOR 140 SERIES

| Stock No. | Term. | Net Each | | |
|-----------|-------|----------|-------|---------|
| | | 1-49 | 50-99 | 100-499 |
| CN-402 | 2 | .05 | .044 | .035 |
| CN-403 | 3 | .06 | .049 | .039 |
| CN-404 | 4 | .06 | .054 | .043 |
| CN-405 | 5 | .07 | .058 | .046 |
| CN-406 | 6 | .07 | .063 | .050 |
| CN-407 | 7 | .08 | .068 | .054 |
| CN-408 | 8 | .09 | .073 | .058 |
| CN-409 | 9 | .09 | .077 | .062 |
| CN-410 | 10 | .10 | .081 | .066 |
| CN-411 | 11 | .11 | .085 | .070 |
| CN-412 | 12 | .11 | .089 | .074 |
| CN-413 | 13 | .11 | .093 | .078 |
| CN-414 | 14 | .11 | .097 | .082 |
| CN-415 | 15 | .11 | .101 | .086 |
| CN-416 | 16 | .11 | .105 | .090 |
| CN-417 | 17 | .11 | .109 | .094 |
| CN-418 | 18 | .11 | .113 | .098 |
| CN-419 | 19 | .11 | .117 | .102 |
| CN-420 | 20 | .11 | .121 | .106 |
| CN-421 | 21 | .11 | .125 | .110 |

FOR 141 SERIES

| Stock No. | Term. | Net Each | | |
|-----------|-------|----------|-------|---------|
| | | 1-49 | 50-99 | 100-499 |
| CN-422 | 2 | .06 | .047 | .038 |
| CN-423 | 3 | .06 | .054 | .043 |
| CN-424 | 4 | .07 | .060 | .048 |
| CN-425 | 5 | .08 | .066 | .053 |
| | | | | |

DIALS-KNOBS-DRIVES



NEW! Precision VERNIER DIALS

Imported

Precision planetary drive vernier dials with approximately 8 to 1 ratio. Mounts on panel surface and has accurately centered metal inserts for 1/4" shafts. Metal dials are brushed silver finish with deeply etched and black filled engraving to provide maximum legibility even under poor lighting conditions. Reads counter-clockwise 0 to 100 in 180°. Uses tough scratch resistant for sure grip fluted molded knob and housing. Phosphor bronze and brass utilized for internal parts. Shpg. wt., 8 ozs.

- F-348 36MM (1 1/2") Diameter Vernier Dial, 1/2" from front to back Net .89
- F-347 50MM (2") Diameter Vernier Dial, 1" from front to back Net .99
- F-346 70MM (2 7/8") Diameter Vernier Dial, 1 1/8" from front to back Net 1.39

GOLD INSERT TYPE KNOBS



Attractive, modern-shaped knobs for replacement purposes, molded of high-quality plastic and beautifully finished. All with rich-looking gold insert. Avg. shpg. wt., 2 ozs.

| SET SCREW TYPE | | | | NET EACH IN LOTS OF | | |
|----------------|------|--------|----------|---------------------|-----|-----|
| STOCK NO. | FIG. | DIAM. | COLOR | 1 | 5 | 25 |
| KN-12 | C | 1 1/4" | Mahogany | .17 | .15 | .13 |
| KN-13 | F | 1 1/8" | Mahogany | .17 | .15 | .13 |
| KN-14 | G | 1" | Mahogany | .17 | .15 | .13 |

PUSH-ON TYPE
Fit flat 1/4" shafts. * indicates convex gold insert and back of knob protrudes 3/16". Others have flat gold insert and flush back. † For 1/4" knurled shaft with gold indicator line.

| STOCK NO. | FIG. | DIAM. | COLOR | 1 | 5 | 25 |
|-----------|------|--------|-------------|-----|-----|-----|
| KN-15 | B | 1 1/4" | Dark Maroon | .16 | .14 | .12 |
| KN-16* | D | 1 1/8" | Dark Maroon | .15 | .13 | .11 |
| KN-52† | J | 1 1/4" | Dark Maroon | .17 | .15 | .13 |
| KN-18* | A | 1 1/4" | Dark Maroon | .20 | .18 | .15 |
| KN-20 | H | 7/8" | Black | .15 | .13 | .11 |

POINTER TYPE
This knob has a gold pointer and polished gold concave insert. Fits 1/4" flat shaft. KN-21 E 1 1/8" Black .20 .18 .15

FLUTED KNOBS



Black fluted knobs, with and without skirt. Made of thermosetting plastic with high glass finish. All have recessed brass insert and set screw. Mount on 1/4" round or flatted shaft. Shpg. wt., 4 ozs.

| STOCK NO. | FIG. | DIAM. | HEIGHT | 1-9 Ea. | 10-up Ea. |
|-----------|------|--------|--------|---------|-----------|
| KN-30 | A | 1 1/8" | 5/8" | .19 | .17 |
| KN-31 | A | 1 3/8" | 1 1/8" | .19 | .17 |
| KN-32 | A | 1 5/8" | 3/4" | .22 | .20 |
| KN-33 | B | 1 1/2" | 1 1/8" | .34 | .30 |
| KN-35 | B | 2 1/8" | 1 7/8" | .40 | .35 |



STANDARD PLASTIC KNOBS

Plastic knobs with knurled bodies for general application. All have molded hole with set screw for mounting 1/4" round or flatted shafts except * is push on type for flatted shaft. † has white indicator lines, ‡ has gold indicator line. Av. Shpg. wt., 4 ozs.

| STOCK NO. | FIG. | DIAM. | COLOR | 1-9 | 10-UP |
|-----------|------|--------|--------|-----|-------|
| KN-22 | C | 1" | Brown | .10 | .09 |
| KN-39 | C | 1" | Black | .10 | .09 |
| KN-38* ‡ | D | 1" | Black | .12 | .11 |
| KN-36† | E | 1 1/2" | Black | .12 | .11 |
| KN-37† | E | 2 1/2" | Black | .10 | .09 |
| KN-19 | D | 1 1/8" | Maroon | .07 | .06 |



POINTER, BAR AND LEVER KNOBS

Black knobs molded of high quality plastic. All have set screw for 1/4" round or flatted shaft, and white indicator lines. Items marked * have brass insert. Size shown is length. Av. Shpg. wt., 13 oz.

| STOCK NO. | FIG. | SIZE | 1-24 | 25-99 | 100-UP |
|-----------|------|--------|------|-------|--------|
| KN-40 | F | 2" | .15 | .13 | .12 |
| KN-41 | G | 1 1/4" | .07 | .06 | .055 |
| KN-42* | G | 1 1/4" | .12 | .11 | .10 |
| KN-43 | H | 1 1/4" | .09 | .08 | .07 |
| KN-44* | I | 1 5/8" | .16 | .15 | .13 |
| KN-45 | J | 1 3/4" | .09 | .08 | .07 |

COMMUNICATION RECEIVER TYPE KNOBS



Molded of top-quality Tenite, and have easy grip knurling. These knobs are 1-7/16" in over-all diameter with chrome-plated bevel skirts for attractive appearance. Depressed numerals are black enamelled on chrome plate. Designed to fit 1/4" shafts. Shpg. wt., 4 ozs.

- KN-54 Numbered 0-10 through an arc of 300° clockwise. Imported
- KN-55 With a single etched center line index. Imported
- KN-56 Numbered 0-10 through an arc of 180° clockwise. Imported

Any type Singly .34
Lots of 6 Each .29

NATIONAL KNOBS



Molded of high quality plastic. All have 1 3/8" diam. chrome plated bevel skirts. Fit 1/4" shaft. Available in black or gray. Specify. Av. Shpg. wt., 4 ozs.

| STOCK NO. | NAT. NO. | MARKING | ROTA-TION | 1-24 Ea. | 25-up Ea. |
|-----------|----------|-------------|-----------|----------|-----------|
| HP-157 | HRS-3 | 0-10 | 300° | .58 | .52 |
| HP-158 | HRS-4 | Single Line | — | .58 | .52 |
| HP-159 | HRS-5 | 0-10 | 180° | .58 | .52 |

TUNING DIAL AND KNOB



Attractive dark maroon plastic push-on knob with gold insert calibrated for AM broadcast band. Fits 1/4" shafts such as MS-141, MS-142, MS-214, and MS-261. Fluted, tapered rim 1 3/8" dia. Back protrudes 3/8". Shpg. wt., 4 oz. Net .29

MINIATURE KNOBS

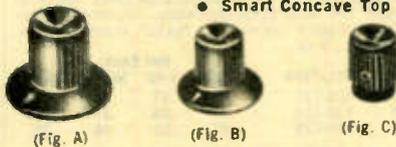


Plastic knob, only 3/8" diameter fits 1/8" shafts, for miniature components such as Ferri-loopstock, sub-miniature pots, etc. Av. Shpg. wt., 4 ozs.

- MS-185 Brown Net .09
- KN-57 Ivory .11

PROFESSIONAL KNOBS

Smart Concave Top



Add professional appearance to any equipment. The ideal replacements or new knobs for—Test Equipment—Ham Radio—Hi-Fi—Experimental Gear, etc. Professional black-mat finish. To fit 1/4" round shaft. All knobs come with set screw. Size: Fig. A skirt dimen. 1 1/2" dia. x 3/8" H; Fig. B skirt dimen. 1 1/2" dia. x 3/8" H; Fig. C 2 1/4" x 3/8" H. Shpg. wt., 7 ozs. Imported

- KN-61 Round Knob with Skirt & Pointer (Fig. A) Net .39
- KN-59 Round Knob with Skirt & Pointer (Fig. B) Net .34
- KN-60 Small Round Knob (Fig. C) Net .29

MATCHED KNOB KITS

- Molded From Hi-Impact Plastic
- Brass Screw and Shaft Insert
- Accepts Up To 1/4" Round or Flat Shaft



KIT OF 5
69c

Trim distinctive, functionally styled knobs. Finished in an attractive steel gray and molded from tough hi-impact plastic, the knob is of cylinder design with sure-grip fluted sides and an aluminum ring-set in a recessed face. Rugged brass screw and mounting shaft insert will accept up to 1/4" round or flat shaft. Each kit contains 5 knobs—all same size. Shpg. wt., 7 ozs. Imported

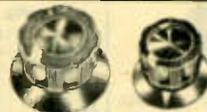
- KI-55 Size: 1 7/8" Diam., 3/8" Deep Kit of 5 Net .89
- KI-56 Size: 1 3/8" Diam., 1/2" Deep Kit of 5 Net .79
- KI-57 Size: 1" Diam., 1/4" Deep Kit of 5 Net .69

VERNIER DIAL MECHANISM



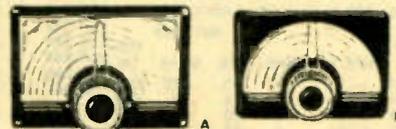
A 9 to 1 precision reduction for careful accurate manipulation of critical controls. Mechanical linkage is slip-free, yet overtravel will not cause damage. For 1/4" knob and shaft. Shaft rotated 180°. Size: 2x2 1/4 x 1 1/4" deep. Mounting for dial. Shpg. wt., 5 oz. Imported F-753 Net .69

TEST EQUIPMENT KNOBS



Fluted, skirted, tapered design in black plastic with brass insert and set screw. For 1/4" shafts. Imported

- KN-62 Knob with 1 1/2" diam. skirt, without pointer. Shpg. wt., 3 oz. Net .29
- Knob with 1 3/8" diam. skirt, pointer. Net .24
- KN-63 Shpg. wt., 4 oz. Net .24

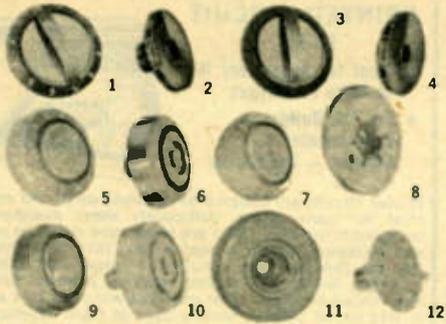


NATIONAL VERNIER DIALS

All have 3 blank scales and one 0-100 logging scale, 5:1 drive ratio, clear-view plastic windows, clear plastic pointers with centered hairlines and holes for calibrating each scale. Black wrinkle escutcheons. Type 1CN is illuminated. All fit 1/4" shaft. Complete with instructions and hardware. Mechanism extends 1/4" below rear of frame. Av. Shpg. wt., 13 ozs.

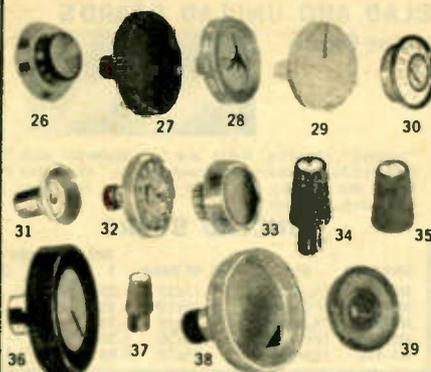
| STOCK NO. | NAT. NO. | FIG. | SIZE | NET |
|-----------|----------|------|---------------------|------|
| HP-160 | ACN | A | 5" H x 7 1/4" W | 7.80 |
| HP-161 | 1CN | B | 5 1/2" H x 7 1/4" W | 7.80 |
| HP-162 | SCN | A | 4 1/2" H x 6 1/4" W | 7.80 |
| HP-163 | MCN | A | 2 3/4" H x 3 3/8" W | 7.20 |

TV Development EXACT REPLACEMENT TV KNOBS



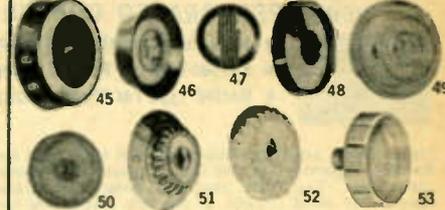
ADMIRAL KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|--------------|-------------|------|
| KN-100 | 1 | 33C53-9 | Chan. Sel. | Mah. & Gold | 1.09 |
| KN-101 | 2 | 33C53-10 | Fine Tun. | Mahogany | .88 |
| KN-102 | 3 | 33C53-11 | On/Off, Vol. | Mah. & Gold | .83 |
| KN-103 | 4 | 33C53-12 | Contr. | Mahogany | .88 |
| KN-104 | 5 | 33D136-6 | Chan. Sel. | Mah. & Gold | 2.32 |
| KN-105 | 6 | 33D107-13 | Chan. Sel. | Mah. & Gold | 2.32 |
| KN-106 | 7 | 33D136-10 | Chan. Sel. | Mah. & Gold | 1.57 |
| KN-107 | 6 | 33D136-2 | Chan. Sel. | Mahogany | 1.09 |
| KN-108 | 8 | 33D107-55 | Fine Tun. | Gold | 2.06 |
| KN-109 | 9 | 33D136-11 | On/Off, Vol. | Mah. & Gold | 1.15 |
| KN-110 | 10 | 33D136-3 | On/Off, Vol. | Mahogany | .85 |
| KN-111 | 11 | 33D237-3 | Fine Tun. | Clear | 1.32 |
| KN-112 | 12 | 33D202-22 | Chan. Sel. | White | 1.62 |



GENERAL ELECTRIC KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|---------------------|-------------|------|
| KN-137 | 26 | WT43X139 | Chan. Sel. | Bwn. & Gold | 2.06 |
| KN-138 | 27 | 43X112 | Volume | Maroon | 1.15 |
| KN-139 | 27 | 43X119 | Volume | Tan | 1.15 |
| KN-140 | 28 | WT43X159 | Chan. Sel. | Mar. & Gold | 2.06 |
| KN-141 | 29 | GW743X269 | Chan. Sel. | Cl. & Gold | 1.73 |
| KN-142 | 30 | 43X225 | Chan. Sel. | Mar. & Gold | 2.91 |
| KN-143 | 31 | 43X226 | Fine Tun. | Clear | .41 |
| KN-144 | 32 | 43X249 | Bright. | Cl. & Sil. | 1.73 |
| KN-145 | 32 | 43X268 | Chan. Sel. | Cl. & Gold | 1.73 |
| KN-146 | 33 | 43X247 | Contr., Vol. | Cl. & Gold | .56 |
| KN-147 | 33 | 43X252 | Vert., Bright. | Cl. & Gold | .73 |
| KN-148 | 34 | 43X271 | Vert., On/Off, Vol. | Bl. & Gold | .56 |
| KN-149 | 35 | 43X270 | Contr. | Bl. & Gold | .56 |
| KN-150 | 36 | 43X295 | Chan. Sel. | Bl. & Gold | 1.32 |
| KN-151 | 37 | 43X298 | Vol., Vert. | Gold & Bl. | .56 |
| KN-152 | 38 | 43X299 | Chan. Sel. | Cl. & Gold | 2.06 |
| KN-153 | 37 | 43X296 | Contr. | Gold & Bl. | .56 |
| KN-154 | 37 | 43X307 | Contr. | Black | .56 |
| KN-155 | 38 | 43X315 | Chan. Sel. | Cl. & Gold | 2.06 |
| KN-156 | 39 | 43X332 | Bright. | Clear | .73 |

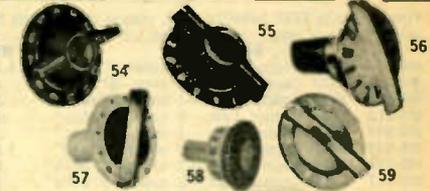


MOTOROLA KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|--------------|-------------|------|
| KN-175 | 45 | 36C700886 | Chan. Sel. | Mah. & Gold | 1.73 |
| KN-176 | 46 | 36C700885 | Fine Tun. | Mah. & Gold | 1.32 |
| KN-177 | 47 | 36C700891 | On/Off, Tun. | Brown | 1.47 |
| KN-178 | 48 | 36K700894 | On/Off, Vol. | | |
| KN-179 | 49 | 36B73680 | Fine Tun. | Brown | 2.06 |
| KN-180 | 50 | 36K738713 | Fine Tun. | Clear | 1.73 |
| | | | | Clear | 1.62 |

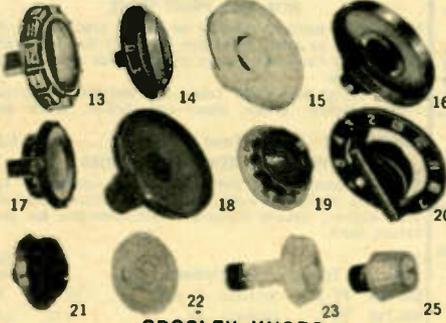
MUNTZ KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|--------------|-------------|------|
| KN-181 | 51 | KB0036 | Chan. Sel. | Gold & Mah. | 1.76 |
| KN-182 | 52 | KB0032 | On/Off, Vol. | Gold & Mah. | 1.76 |
| KN-183 | 53 | KB0056-3 | Chan. Sel. | Tan | 1.76 |



PHILCO KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|------------|-------------|------|
| KN-184 | 54 | 56-7807 | Chan. Sel. | Mah. & Gold | 1.97 |
| KN-185 | 55 | 76-6863-32 | Chan. Sel. | Black | 1.97 |
| KN-186 | 56 | 28-12470-3 | Chan. Sel. | Gold | 1.56 |
| KN-187 | 56 | 28-12470-5 | Chan. Sel. | White | 2.06 |
| KN-188 | 57 | 54-6261-22 | Chan. Sel. | Maroon | 2.35 |
| KN-189 | 58 | 76-10619-2 | Chan. Sel. | Bl. & Tan | 3.23 |
| KN-190 | 59 | 76-11142-15 | Chan. Sel. | Gold | 2.35 |
| KN-191 | 59 | 76-11142-16 | Chan. Sel. | Gold | 2.35 |

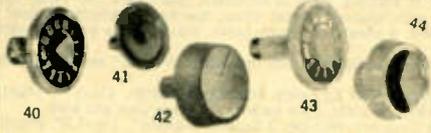


CROSLY KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|------------|-------|------|
| KN-113 | 13 | 157753-3 | Chan. Sel. | Black | 1.15 |
| KN-114 | 13 | 157753-4 | Chan. Sel. | Black | 1.15 |

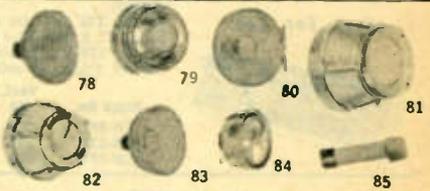
EMERSON KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|-----------------------|----------|------|
| KN-115 | 14 | 450105 | Chan. Sel. | Mahogany | .73 |
| KN-116 | 15 | 460234 | Fine Tun. | Clear | .73 |
| KN-117 | 15 | 460234M | Fine Tun. | Mahogany | .73 |
| KN-118 | 16 | 460233 | Contr. | Clear | .73 |
| KN-119 | 16 | 460233M | Contr. | Mahogany | .73 |
| KN-120 | 17 | 450206 | Chan. Sel. | Mahogany | 2.32 |
| KN-121 | 18 | 450209 | Fine Tun. | Black | 1.47 |
| KN-122 | 19 | 450134B/262B | On/Off, Vol. | Black | 2.65 |
| KN-123 | 20 | 450148 | Chan. Sel. | Maroon | 1.56 |
| KN-124 | 21 | 450236/261 | Chan. Sel. | Maroon | 2.65 |
| KN-125 | 22 | 460672 | Fine Tun. | Clear | 1.73 |
| KN-126 | 23 | 461184 | Contr., Vert., Bright | Clear | .73 |
| KN-127 | 25 | 461190 | Volume | Clear | .65 |



HOTPOINT KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|----------------|--------------|------|
| KN-157 | 40 | 218X24 | Chan. Sel. | Gold & White | 1.73 |
| KN-158 | 41 | G1003 | Fine Tun. | Silver | .88 |
| KN-159 | 42 | G1001 | Chan. Sel. | Bl. & Gold | .88 |
| KN-160 | 43 | 218x14 | Chan. Sel. | White & Gold | 1.44 |
| KN-161 | 44 | 218X23 | Vert., Bright. | White & Gold | .73 |



ZENITH KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|----------------------|--------------|------|
| KN-192 | 78 | S-22863 | Fine Tun. | Clear | 1.62 |
| KN-193 | 79 | S-42909 | Chan. Sel. | Gold | 3.91 |
| KN-194 | 80 | S-42039 | Fine Tun. | Clear | 1.47 |
| KN-195 | 81 | S-43823 | Chan. Sel. | White & Gold | 3.91 |
| KN-196 | 82 | 46-2004 | Chan. Sel. | White & Gold | 3.23 |
| KN-197 | 83 | S-43768 | Fine Tun. | Clear | 1.32 |
| KN-198 | 84 | 46-2171 | Chan. Sel. | Gold & Gray | 3.91 |
| KN-199 | 85 | S-43672 | Vert., Bright., Tone | Tan | .56 |

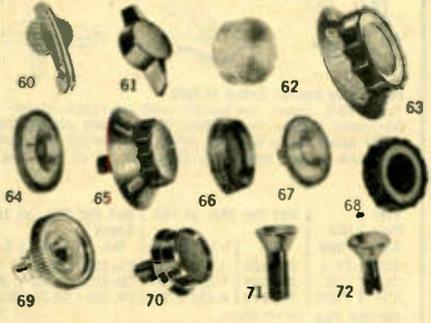


SYLVANIA KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|------------|-------|------|
| KN-128 | 73 | 740-0098 | Fine Tun. | Clear | 1.47 |
| KN-129 | 74 | 743-0087 | Chan. Sel. | Tan | 2.65 |
| KN-130 | 74 | 743-0100 | Chan. Sel. | Coral | 2.65 |
| KN-131 | 74 | 743-0089 | Chan. Sel. | Blue | 2.65 |

WESTINGHOUSE KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|--------------|-------------|------|
| KN-132 | 75 | 12118-1 | Chan. Sel. | Gold & Mar. | 1.38 |
| KN-133 | 76 | 12930-3 | Fine Tun. | Rust | .53 |
| KN-134 | 77 | 12913-1 | On/Off, Vol. | Mah. & Gold | .59 |
| KN-135 | 77 | 12913-3 | On/Off, Vol. | Mahogany | .59 |
| KN-136 | 77 | 12913-8 | On/Off, Vol. | Red & Gold | 1.23 |



RCA KNOBS

| Stock No. | Fig. | Mfg. Part No. | Function | Color | Net |
|-----------|------|---------------|--------------|-------------|------|
| KN-162 | 60 | 76770 | Chan. Sel. | Mah. & Gold | .73 |
| KN-163 | 61 | 77708 | Chan. Sel. | Gold & Red | 1.47 |
| KN-164 | 62 | 77710 | On/Off, Vol. | Gold | 1.53 |
| KN-165 | 63 | 79466 | Chan. Sel. | Mah. & Gold | 1.73 |
| KN-166 | 64 | 79464 | Fine Tun. | Cl. & Gold | 1.23 |
| KN-167 | 65 | 100944 | Chan. Sel. | Maroon | 1.73 |
| KN-168 | 66 | 100944 | Chan. Sel. | Mahogany | 1.32 |
| KN-169 | 67 | 101015 | Fine Tun. | Gold & Cl. | 1.23 |
| KN-170 | 68 | 101150 | Chan. Sel. | Mahogany | .88 |
| KN-171 | 69 | 101124 | Bright. | Cl. & Gold | 1.15 |
| KN-172 | 70 | 101138 | On/Off, Vol. | Mahogany | .65 |
| KN-173 | 71 | 109965 | Fine Tun. | Gold | 1.32 |
| KN-174 | 72 | 112064 | On/Off, Vol. | Gold | 1.15 |

50-PIECE TV KNOB KIT



195

- A Great Value
- Less Than 4c Each

Just a few of these knobs are worth more than the price of the entire kit! Selection contains 50 assorted TV knobs including such types as channel selector, fine tuning, volume, etc. Useful and attractive. Many with gold lettering or gold inserts. Shpg. wt., 3 lbs.

KN-45 1.95

PRINTED CIRCUIT COMPONENTS — EXPERIMENTERS ITEMS

NEW! PERFORATED COPPER-CLAD AND UNCLAD BOARDS

- Ideal For Transistor And Subminiature Circuitry
- Copper-Clad For Printed Circuits
- Unclad Type For Wired Circuits

These sturdy, perforated boards are the ideal base for builders, experimenters, and labs to mount miniaturized components. Two types available: either high grade bakelite for wired circuits, or one side copper-clad for

"printed" circuitry. Holes are $\frac{1}{16}$ " diameter with $\frac{3}{16}$ " between hole centers. All boards are $\frac{1}{16}$ " thick. For contacts, the MS-263 flea clips listed on this page are ideal. Avg. shpg. wt., 6 oz.

COPPER CLAD BOARDS

| Stock No. | Size | No. of Holes | Net Each Lots of | | |
|-----------|-------------------------------------|--------------|------------------|------|------|
| | | | 1 | 100 | 250 |
| MS-847 | 2 $\frac{1}{2}$ x3 $\frac{3}{4}$ " | 17x12 | .35 | .30 | .24 |
| MS-848 | 3 $\frac{1}{2}$ x6 $\frac{3}{4}$ " | 35x19 | .55 | .50 | .45 |
| MS-849 | 7 $\frac{1}{2}$ x6 $\frac{3}{4}$ " | 39x35 | 1.15 | .96 | .87 |
| MS-850 | 10 $\frac{1}{2}$ x7 $\frac{1}{2}$ " | 56x38 | 1.90 | 1.58 | 1.42 |

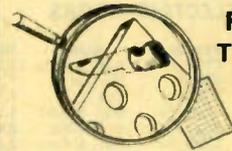
UNCLAD BOARD

| Stock No. | Size | No. of Holes | Net Each Lots of | | |
|-----------|-------------------------------------|--------------|------------------|------|------|
| | | | 1 | 100 | 250 |
| MS-304 | 2 $\frac{1}{2}$ x3 $\frac{3}{4}$ " | 17x12 | .25 | .20 | .18 |
| MS-305 | 3 $\frac{1}{2}$ x6 $\frac{3}{4}$ " | 35x19 | .45 | .40 | .35 |
| MS-306 | 7 $\frac{1}{2}$ x6 $\frac{3}{4}$ " | 39x35 | .75 | .65 | .60 |
| MS-846 | 10 $\frac{1}{2}$ x7 $\frac{1}{2}$ " | 56x38 | 1.20 | 1.08 | .97 |
| MS-916 | 18x7 $\frac{1}{2}$ " | 95x38 | 1.89 | 1.71 | 1.55 |

COPPER CLAD LAMINATE AT LAFAYETTE'S LOW PRICES!

Finest quality XXXP bakelite base, copper clad boards for printed circuit work. Av. shpg. wt., 2 ozs.

| No. | DESCRIPTION | NET |
|--------|---|------|
| MS-510 | XXXX Copper Lam.—1 side—9"x12" | 1.50 |
| MS-511 | XXXX Copper Lam.—1 side—6"x4 $\frac{1}{2}$ " | .45 |
| MS-512 | XXXX Copper Lam.—1 side—3"x4 $\frac{1}{2}$ " | .30 |
| MS-513 | XXXX Copper Lam.—1 side—2"x4 $\frac{1}{2}$ " | .25 |
| MS-514 | XXXX Copper Lam.—1 side—3"x2 $\frac{1}{2}$ " | .24 |
| MS-515 | XXXX Copper Lam.—2 sides—9"x12" | 1.95 |
| MS-516 | XXXX Copper Lam.—2 sides—6"x4 $\frac{1}{2}$ " | .60 |
| MS-517 | XXXX Copper Lam.—2 sides—3"x4 $\frac{1}{2}$ " | .40 |
| MS-518 | XXXX Copper Lam.—2 sides—2"x4 $\frac{1}{2}$ " | .30 |
| MS-519 | XXXX Copper Lam.—2 sides—3"x2 $\frac{1}{2}$ " | .27 |



FLEA CLIPS FOR TRANSISTOR AND SUBMINIATURE CONTACTS

"Flea" clips are specially designed for subminiature work. Fit perfectly in holes in perforated copper-clad and unclad boards listed above. Made of beryllium copper, silver plated finish. Simply insert wire thru hole for positive grip contact.

| | | | |
|--------|-------------------|-----|--------|
| MS-263 | Package of 12 | Net | .25 |
| MS-851 | Package of 1000 | Net | 15.75 |
| MS-852 | Package of 5000 | Net | 76.15 |
| MS-853 | Package of 10,000 | Net | 149.30 |

VECTOR EXPERIMENTERS CHASSIS KITS

Designed for rapid set-up of experimental tube or transistor circuitry. Each kit contains 1 or more pre-punched phenolic boards all $\frac{1}{16}$ " thick, aluminum channels for mounting, an assortment of sockets, push in terminals types T9.4 and T30N, spring clips, assorted screws, nuts, spacers, metal strap, brackets, installation tool for T30N, spring pusher needle, 6 sheets of layout paper, plastic parts box and instructions.

Kit No. 20X for tube Circuitry. Includes 1 punched board 4 $\frac{1}{2}$ x8 $\frac{1}{2}$ " and 8 asstd. tube sockets.
 Kit No. 21X for Tube and Transistor Circuitry. Includes 3 boards, 4 $\frac{1}{2}$ x17", 1 $\frac{1}{2}$ x1.9", 8 $\frac{1}{2}$ x1.9". 6 transistor sockets, 8 asstd. tube sockets, 14 diode clips and wire.
 Kit No. 22X for Transistor Circuitry. Includes 3 boards, 4 $\frac{1}{2}$ x8 $\frac{1}{2}$ ", 1 $\frac{1}{2}$ x1.9", 8 $\frac{1}{2}$ x1.9", 7 asstd. transistor sockets. 12 diode clips and wire.

| Stock No. | Vect. No. | Shpg. Wt. | 1-19 | 20-99 | 100-199 | 200-Up |
|-----------|-----------|----------------------|-------|-------|---------|--------|
| CN-332 | 20X | 1 lb. | 6.12 | 5.68 | 5.25 | 4.17 |
| CN-331 | 21X | 2 $\frac{1}{4}$ lbs. | 14.94 | 13.85 | 12.80 | 10.15 |
| CN-325 | 22X | 1 $\frac{1}{4}$ lbs. | 10.29 | 9.55 | 8.80 | 7.00 |

VECTOR PREPUNCHED BREADBOARDS

Prepunched terminal boards for breadboarding and production. All are natural tan phenolic (MIL-P-3115B) except \dagger are ivory epoxy-paper (MIL-P-18177). All are $\frac{1}{16}$ " thick except \dagger are $\frac{1}{8}$ ". Type 95G43 has .093" holes and .200" spacing center to center. All others have .093" holes on .265" centers except $\#$ has .062" holes on .200" centers. For use with Vector push-in terminals. Shpg. wt., approx. 7 oz.

| Stock No. | Mfrs. No. | L | W | No. of Holes | 100- | | |
|-----------|-----------|-------------------|-------------------|--------------|------|-------|------|
| | | | | | 1-19 | 20-99 | 199 |
| CN-326 | 64A18 | 17" | 4 $\frac{1}{2}$ " | 64x18 | 1.22 | 1.12 | 1.05 |
| CN-333 | 85C24 | 17" | 4 $\frac{1}{2}$ " | 85x23 | 1.38 | 1.27 | 1.19 |
| CN-334 | 95G43 | 19" | 8 $\frac{1}{2}$ " | 95x43x2 | 2.27 | 2.09 | 1.97 |
| CN-335 | 72A33 | 19" | 8 $\frac{1}{2}$ " | 72x33 | 2.19 | 2.02 | 1.92 |
| CN-336 | 32AA18 | 8 $\frac{1}{2}$ " | 4 $\frac{1}{2}$ " | 32x18 | .82 | .76 | .72 |
| CN-327 | 64A18 | 17" | 4 $\frac{1}{2}$ " | 64x18 | 1.57 | 1.44 | 1.34 |
| CN-337 | 32AA9 | 8 $\frac{1}{2}$ " | 2 $\frac{1}{2}$ " | 32x9 | .59 | .54 | .51 |
| CN-338 | 64AA32 | 17" | 8 $\frac{1}{2}$ " | 64x32 | 2.40 | 2.20 | 2.08 |
| CN-347 | 85F24EP | 17" | 4 $\frac{1}{2}$ " | 85x23 | 2.06 | 1.85 | 1.73 |
| CN-348 | 85G24EP | 17" | 4 $\frac{1}{2}$ " | (85x23)x2 | 2.06 | 1.85 | 2.73 |

VECTOR PUSH-IN TERMINALS

| Fits Hole Size | Mfr. Type | Net Per Pkg. of 100 | | | Net Per Pkg. of 1000 | | |
|----------------|-----------|---------------------|------|-------|----------------------|-------|-------|
| | | Stock No. | 1-19 | 20-99 | Stock No. | 1-4 | 5-24 |
| .093" | T9.4 | CN-328 | 1.22 | 1.13 | CN-351 | 8.90 | 7.48 |
| .062" | T28 | CN-349 | 1.55 | 1.40 | CN-352 | 11.00 | 9.90 |
| .093" | T30N | CN-329 | 8.45 | 7.61 | CN-353 | 58.90 | 53.01 |

CN-350 Pkg of 10 T30N Net 1.15

VECTOR PUSH-IN TERMINALS



For Vector boards listed at left. Type T9.4 brass, tin-plated with serrated slots; T28 beryllium copper tin plated; T30N nickel plated brass. T30N holds up to 6 wires without soldering. No staking required on any terminals. Shpg. wt., 3 oz. per pkg. of 100.

| Fits Hole Size | Mfr. Type | Net Per Pkg. of 100 | | | Net Per Pkg. of 1000 | | |
|----------------|-----------|---------------------|------|-------|----------------------|-------|-------|
| | | Stock No. | 1-19 | 20-99 | Stock No. | 1-4 | 5-24 |
| .093" | T9.4 | CN-328 | 1.22 | 1.13 | CN-351 | 8.90 | 7.48 |
| .062" | T28 | CN-349 | 1.55 | 1.40 | CN-352 | 11.00 | 9.90 |
| .093" | T30N | CN-329 | 8.45 | 7.61 | CN-353 | 58.90 | 53.01 |

CN-350 Pkg. of 10 T30N Net 1.15

INSERTION TOOLS

| | | | |
|--------|------------------------------|-----|-----|
| CN-330 | Type P-92A for T30N and T9.4 | Net | .50 |
| CN-354 | Type P-91 for T28 | Net | .50 |

MASONITE BREADBOARD

• Ideal for Kit Builders
 Tempered masonite board with holes spaced $\frac{1}{2}$ " apart to facilitate mounting of parts. Size 7 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "x $\frac{1}{8}$ " thick. Shpg. wt., 12 oz.
 ML-81 Net .25

PRINTED CIRCUIT KITS

- Ideal for Laboratory Work to Make Prototypes
- For The Builder — Experimenter — Student — Technician



Printed circuits are designed to eliminate wiring and are ideal for space saving, particularly where miniature components are used. They are being used widely in an ever increasing number of applications. With these kits, you can etch your own circuitry on copper clad XXXP insulating boards with etching materials provided. Kits also contain variety of other materials and parts such as printed circuit sockets, various types of resist-material, etc. Listing below gives contents. All in handsome plastic boxes.

TECHNICIANS KIT

Contains 8 copper clad single faced and 2 double faced boards from 4 $\frac{1}{2}$ x6" to 3x2 $\frac{1}{4}$ " .06 tube sockets; 2 packs etchant; 1 tape resist; 1 liquid resist; 3 dozen eyelets; 1 drill and typical circuit diagrams and directions. In plastic box size: 9 $\frac{1}{4}$ x6 $\frac{1}{2}$ x2". Shpg. wt., 1 lb. 5 oz.
 MS-725 KIT NO. 5003P Net 9.75

BASIC KIT

A good kit to start off learning the technique of etched circuitry. Contains 3 copper clad boards from 4 $\frac{1}{2}$ x3" to 3x2 $\frac{1}{4}$ " .1 each 7 and 9 pin sockets; 1 pack etchant; 1 tape resist; eyelet assortment; drill and directions. In plastic box size 5 $\frac{1}{2}$ x1 $\frac{3}{4}$ x4". Shpg. wt., 8 oz.
 MS-726 KIT NO. 5001P Net 3.75

NEW BALL POINT TUBES

Make resist patterns directly on copper clad boards. As easy to use as a ball point pen. Deposits line $\frac{1}{16}$ " wide. No need to "lay-out" colors of resist for color coding of circuiting. Liquid resist ball point tubes are available in various colors. Yellow, green, blue, red, brown, black and orange.
 MS-728 PRL—Specify Color Net 1.25

PRINTED CIRCUIT ACCESSORIES

Basic components for the experimenter—designer—lab—limited production—etc., in printed circuit construction. Highest quality materials—Indispensable for prototype work.

| Stock No. | Type | Description | Wt. | Net ea. |
|-----------|--------|--|---------|---------|
| MS-729 | PE-3 | Etchant—6 ozs. | 10 ozs. | .50 |
| MS-730 | PE-5 | Etchant—Pt. | 1 lb. | 1.25 |
| MS-731 | PE-7 | Etchant—Qt. | 2 lb. | 2.25 |
| MS-732 | PEY-1 | 24 Eyelets—.062Dx.093L | 2 ozs. | .20 |
| MS-733 | PEY-2 | 24 Eyelets—.062Dx.125L | 2 ozs. | .20 |
| MS-734 | PRT-1 | Tape Resist $\frac{1}{16}$ x320" | 2 ozs. | .85 |
| MS-735 | PRT-2 | Tape Resist $\frac{1}{8}$ x320" | 2 ozs. | .75 |
| MS-909 | PRT-3 | Tape Resist $\frac{3}{16}$ x320" | 2 ozs. | .90 |
| MS-736 | PRT-4 | Tape Resist $\frac{1}{4}$ x320" | 2 ozs. | .90 |
| MS-737 | PRTD-6 | 60 Tape Resist Circles $\frac{3}{16}$ " D. | 2 ozs. | .40 |
| MS-738 | PR-L | Liquid Resist—1 oz. | 3 ozs. | .50 |

PHOTOGRAPHIC PRINTED CIRCUIT KIT



New ready to use presensitized copper clad laminate cuts time to make prototype printed circuits. Kit contains 20 pieces single and double clad XXX-P and epoxy fiberglass laminates in assorted convenient sizes, presensitized and uncoated. 20 assorted printed circuit tube and transistor sockets. 2 rolls tape resist strip $\frac{1}{16}$ " and $\frac{1}{8}$ " wide. 200 die-cut tape resist circles $\frac{1}{16}$ " and $\frac{3}{16}$ " diameter. Bottle liquid resist and brush. Ball-point resist pen. Package of printed circuit eyelets and terminals, #51 drill, layout paper, exposure clamp, developing and etching solutions with trays. Full instructions and technical bulletins. Shpg. wt., 10 lbs.
 MS-904 Net 29.95

ACCESSORIES FOR ABOVE

| | | |
|--------|--|------|
| MS-905 | 8 oz. Developer | 1.00 |
| MS-906 | 6x9" Single Side Sensitized Board | 1.50 |
| MS-907 | 6x4 $\frac{1}{2}$ " Single Side Sensitized Board | .75 |
| MS-908 | 3x4 $\frac{1}{2}$ " Single Side Sensitized Board | .40 |

SPECIALTIES for BUILDERS and EXPERIMENTERS

NEW! COILMASTER DELUXE



ACCURATE
COIL
WINDER
675

Latest redesigned model gives even greater accuracy than ever to meet modern requirements. Easy-to-use set winds honeycomb, spiderweb and solenoid coils of various widths and diameters—equal in appearance to a factory job. Also suitable for winding chokes, transformers and filter inductors. Indicator counts number of turns on coil. Supplied with accessories including wood spools, metal pegholders and extension for making long solenoid coils. Instructions included, but less coil form and pegs. Shpg. wt., 6 lbs.

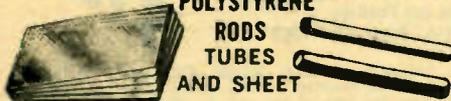
ML-260 Net 6.75

MINIATURE EQUIPMENT CASE



A miniature plastic case mounted on a standard octal base. For equipment designers — experimenters — builders — hobbyists. Perfect for modular construction. Mount relays — resistors — condensers — networks — any miniaturized circuitry — for plug-in use. Add whole stages in one unit to existing equipment. Thousands of uses. Size 1 1/4" x 1 1/4" sq. Project 2" above chassis. Shpg. wt., 4 oz. **RY-262** Net .55

POLYSTYRENE RODS TUBES AND SHEET



Feature high dielectric strength, dimensional stability low loss, arc-resistance, and insulating properties. Moisture proof. Easily sawed, drilled and tapped. Sheets and rods are transparent, tubing satin finish.

POLYSTYRENE SHEETS

| Stocking | Size | Thick Inch | Shpg. Wt. | Net 1-9 | Each 10-49 |
|----------|-----------|------------|-----------|---------|------------|
| P-450 | 12" x 12" | 1/8" | 8 oz. | 4.07 | 3.66 |
| P-451 | 12" x 12" | 3/16" | 10 oz. | 4.70 | 4.23 |
| P-452 | 12" x 12" | 1/4" | 12 oz. | 5.39 | 4.85 |
| P-453 | 12" x 12" | 3/8" | 1 lb. | 7.01 | 6.31 |
| P-454 | 12" x 12" | 1/2" | 1 1/2 lb. | 7.99 | 7.19 |
| P-455 | 12" x 24" | 1/8" | 1 lb. | 7.64 | 6.88 |
| P-456 | 12" x 24" | 3/16" | 1 1/4 lb. | 8.97 | 8.07 |
| P-457 | 12" x 24" | 1/4" | 1 1/2 lb. | 10.29 | 9.26 |
| P-458 | 12" x 24" | 3/8" | 2 lbs. | 12.89 | 11.60 |
| P-459 | 12" x 24" | 1/2" | 3 lbs. | 15.34 | 13.81 |

12" POLYSTYRENE RODS

| Stock No. | Size L X Diam. | Shpg. Wt. | Net 1-9 | Each 10-49 |
|-----------|----------------|-----------|---------|------------|
| P-460 | 12" x 3/8" | 2 oz. | .03 | .02 |
| P-461 | 12" x 3/16" | 3 oz. | .07 | .06 |
| P-462 | 12" x 1/4" | 5 oz. | .12 | .11 |
| P-463 | 12" x 3/16" | 6 oz. | .18 | .16 |
| P-464 | 12" x 3/8" | 6 oz. | .25 | .22 |
| P-465 | 12" x 1/2" | 6 oz. | .47 | .42 |
| P-466 | 12" x 5/8" | 8 oz. | .71 | .64 |
| P-467 | 12" x 3/4" | 8 oz. | .98 | .88 |
| P-468 | 12" x 7/8" | 8 oz. | 1.39 | 1.25 |
| P-469 | 12" x 1" | 8 oz. | 1.86 | 1.67 |

12" POLYSTYRENE TUBES

| Stock No. | O. D. | I. D. | Shpg. Wt. | Net 1-9 | Each 10-49 |
|-----------|-------|-------|-----------|---------|------------|
| P-470 | 1/4" | 1/8" | 2 oz. | 10 | .09 |
| P-471 | 3/8" | 3/16" | 3 oz. | .14 | .13 |
| P-472 | 3/8" | 1/4" | 3 oz. | .18 | .16 |
| P-473 | 1/2" | 3/8" | 3 oz. | .25 | .22 |
| P-474 | 3/8" | 1/2" | 4 oz. | .31 | .28 |
| P-475 | 3/4" | 3/8" | 5 oz. | .39 | .35 |
| P-476 | 1" | 7/8" | 6 oz. | .55 | .49 |

INDUSTRIALS WRITE FOR PRICES ON LARGER QUANTITIES

POLYSTYRENE CEMENT AND COIL DOPE

Pure polystyrene dissolved in thinner. For coating, doping, scalling coils, and for cementing polystyrene to polystyrene. 2 oz. bottle. Shpg. wt., 4 oz.

P-283 Net .47

THINNER FOR ABOVE. Cuts and dissolves polystyrene material. 2 oz. bottle. Shpg. wt., 4 oz. **P-303** Net .44

NEW! MAGNETIC STRIP

- Flexible-Versatile-Permanent Magnet
- Made In England



Remarkable, new magnet material. Flexible, extruded plastic strip, impregnated with Barium Ferrite magnetic powder. Can be cut with a knife, scored and broken by hand, drilled, nailed, screwed or glued in place. Dividing the strip does not damage magnetic properties. Strip measures 3/4" wide by 1/4" thick. Pull is 3 ozs. per inch length with .005" gap (no intervening material) to 1.5 oz. per in. with a .015" gap. Limitless industrial, commercial and domestic applications. Used for magnetic closures, holders, locators, conveyors, displays, collectors, buffers, lifters. Will bend to a 3" circle, at room temperature, without breaking. May be warmed to increase flexibility without effect on magnetic properties.

F-751 3 ft. length, Shpg. wt., 8 ozs. Net 1.69
F-752 12 ft. length, Shpg. wt., 1 1/2 lbs. Net 5.50

GC PRINTED CIRCUIT KIT



Here's a kit every serviceman needs to repair printed circuits or printed wiring in TV sets, hearing aids, radios, etc. Contains Print-Kote silicon resin, solvent, pure silver print, solder probe tool. Print-Kote solder, stainless brush scraper and printed circuit service manual. Wt., 2 lbs.

P-308 GC-680 Kit Net 5.73

ECONOMY KIT

Same as above but less the pure silver print. Wt., 2 lbs. **P-309 GC-681 Kit** Net 3.41

PRINTED CIRCUIT ESSENTIALS

PRINT-KOTE SILICON RESIN. Used to coat and protect joints and parts after repair. Fast, air drying 2 oz. bottle with brush. Shpg. wt., 6 ozs.

P-310 GC-14-2 Net 1.27

PRINT-KOTE SOLVENT. For removing silicon resin or to thin it. 2 oz. bottle. Shpg. wt., 6 ozs.

P-311 GC-13-2 Net .36

PRINT-KOTE SOLDER. Non-corrosive flux with low melting solder combined with pure silver. 2 oz. coll. Shpg. wt., 4 ozs.

P-312 GC-9131 Net .57

PRINT-KOTE SILVER PRINT. Pure silver compound. Air drying. Used to repair printed circuit "wires" and touch up connections. 1/2 Troy oz. Shpg. wt., 4 ozs.

P-313 GC-21-1 Net 2.42

SOLDER-AID PROBE. Special fine point. Stainless steel. Solder won't stick. Shpg. wt., 2 ozs.

P-314 GC-9093 Net .98

BRUSH AND SCRAPER. Stainless steel brush and steel scraper. Indispensable repair tool for printed circuits. Shpg. wt., 2 ozs.

P-315 GC-9094 Net .96

K-27 PRINT COAT. Clear silicone resin in 6 oz. spray can. Insulates and protects. Shpg. wt., 8 ozs.

P-316 GC-14-6 Net 2.37

EPOXY ENCAPSULATION 3 WAY KIT

993



Complete kit contains all needed parts for encapsulating components in E case shells with liquid resin, casting powder or pellets. Kit includes 3 of each of 9 sizes at molded shells of sizes listed below, liquid resin and hardener, casting powder, pellets and epoxy molded sheet and instructions. Shipping weight 2 lbs.

MS-520 9.93

STOCK 10 100 for for

NO. MOLDING CASE SHELLS SIZE Pkg. of 5

MS-521 1/4 OD x 3/4" L .37 .67 6.10

MS-522 3/8 x 1 1/8 .39 .70 6.40

MS-523 3/4 x 1 1/2 .40 .72 6.65

MS-524 1/2 x 1 1/8 .43 .77 7.10

MS-525 1/2 x 2 .55 .99 9.15

MS-526 3/4 x 2 1.80 3.20 28.00

MS-527 3/4 x 2 1.80 3.20 28.00

MS-528 7/8 x 2 1.87 3.25 28.50

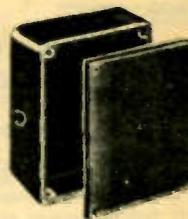
MS-529 9 x 2 .78 1.40 12.85

MS-530 3 OZ. LIQUID RESIN Wt. 7 oz. Net .30

MS-531 1/2 OZ. HARDENER Wt. 3 oz. Net .10

MS-532 2 OZ. BLACK CASTING POWDER 5 oz. Net .99

BAKELITE CASES and PANELS



Ideal for building test equipment and small electronic devices. All black bakelite with rounded corners and recessed threaded inserts for mounting panels. Walls 1/8" except * is 3/16". Avg. shpg. wt., 11 oz.

| Stock No. | Size | Net Each 1-4 | 5-Up |
|-----------|------------------------|--------------|------|
| MS-216 | 6 1/4 x 3 3/4 x 2" | .65 | .59 |
| MS-217 | Panel for above | .39 | .36 |
| MS-218* | 6 3/4 x 5 1/4 x 2 1/4" | 1.20 | 1.08 |
| MS-219 | Panel for above | .60 | .54 |
| MS-844 | 8 3/8 x 7 3/8 x 3" | 1.59 | 1.43 |
| MS-845 | Panel for above | .75 | .69 |

PLASTIC CASE FOR MINIATURE EQUIPMENT



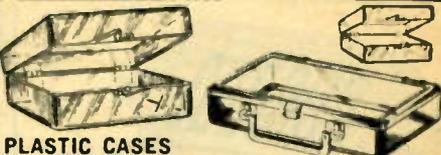
Beautiful pocket sized modern streamlined case with rounded corners and removable snap-on cover. Ideal for that transistorized receiver — or other miniature or subminiature preamplifier, amplifier, oscillator or transmitter. Two pre-drilled apertures, a 2 1/2" diameter opening ideal

for Poly-Vari-Con tuning capacitor and a 3/8" opening ideal for volume control and switch. In addition, there are two small openings on the side for such internal leads as antenna or earphone. Size: 4 1/2 x 2 3/4 x 1 1/8". Shpg. wt., 6 oz. Imported

MS-302 Net .95

Ivory & Gold Dial Knobs For Above. Wt., 1 oz. Imported **KN-24** Net .45

Ivory Miniature Vol. Control Knob. Wt., 1 oz. **KN-57** Net .11



PLASTIC CASES for MINIATURE ELECTRONIC GEAR

Clean, polystyrene cases. Ideal for miniature assemblies. All have ball type hinged covers except *, which have removable covers. MS-300 has plastic handle. Avg. shpg. wt., 6 oz.

| Stock No. | Size—LxWxH | Net |
|-----------|------------------------|-----|
| MS-156 | 1 1/2 x 2 1/8 x 1" | .09 |
| MS-157 | 2 7/8 x 1-3/16 x 1" | .12 |
| MS-158 | 2 7/8 x 2 x 1" | .15 |
| MS-159 | 3 3/8 x 2 3/8 x 1" | .18 |
| MS-160* | 4 3/8 x 2 1/4 x 3/4" | .20 |
| MS-300 | 7 1/2 x 5 x 1 1/2" | .89 |
| MS-161 | 4 3/8 x 2 3/8" | .30 |
| MS-162* | 4 1/8 x 3 3/8 x 1 1/4" | .32 |
| MS-163* | 5 x 5 1/4 x 1 3/8" | .35 |
| MS-164* | 5 3/4 x 3 x 1 3/8" | .28 |
| MS-298 | 3 7/8 x 3 1/8 x 1 1/8" | .18 |

AMPHENOL TUNING EYE ASSEMBLIES



For use in custom building. Simple to install. For set with AVC, FM sets, test instruments, etc. Shpg. wt., 8 oz.

6 PRONG TYPE: For 6 prong tubes. Includes 1 long resistor wired into socket, 5-wire color-coded 22" meg cable, mtg. bracket, escutchion, hardware and instructions. **CM-49 AMPHENOL 58-MEA 6** Net 1.98

OCTAL TYPE: For all octal tubes including dual and multi-pattern types. With 8 wire, color-coded 22" cable. **CM-50 AMPHENOL 58-MEA 8** Net 2.78

LAFAYETTE for ELECTRONICS, SOLAR PHOTOCONDUCTIVE AND



CLAIREX PHOTOCELLS

Photoconductive cells extremely sensitive in the red and near infrared spectral region. Act as resistors which vary with applied illumination. Permits high speed applications without compensation. Have very low dark current and negligible cell noise. Maximum Voltage: 300V DC or peak AC. Operating temperature: 50 to 75°C. Power dissipation 50 mw.

PLASTIC TYPES: Polyester cases; 50 Mw power dissipation. 1/4" dia. x 1/2" long. Shpg. wt., 3 oz. Cadmium Selenide.

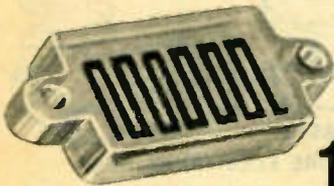
| Stock No. | Mfr's Type | Fig. | Sensitivity $\mu A @ 1 Ft. Candle$ | Time Constant @ 100 Ft. Candle | Net |
|-----------|------------|------|------------------------------------|--------------------------------|------|
| MS-740 | CL-3 | A | 600 @ 1100V | 1 ms | 3.50 |
| MS-829 | CL-4 | A | 1000 @ 30V | 2 ms | 3.50 |

GLASS TYPES: Feature hermetically sealed glass enclosures; Low Resistance "L" types for Transistor and other low voltage applications. 75 mw power dissipation except 500 series is 500 mw with heatsink and 250 mw without heat sink. "400" series .265 x 1". "500" series .5 x .5". "600" series .25 x .5". Average DC resistance measured at 2 foot-candles, 2870° K and 25° C ambient. CdS = Cadmium Sulphide; CdSe = Cadmium Selenide. A = Peak Spectral Response in Angstroms.

| Stock No. | Mfr No. | Fig. | Mat. | A | Light Ohms | Volts (Max) |
|-----------|---------|------|------|------|------------|-------------|
| MS-830 | CL-402 | B | CdS | 5050 | 1M | 300 |
| MS-839 | CL-403 | B | CdSe | 7350 | 133K | 300 |
| MS-831 | CL-404 | B | CdSe | 6900 | 30K | 300 |
| MS-832 | CL-407 | B | CdS | 6150 | 133K | 300 |
| MS-833 | CL-504 | C | CdSe | 6900 | 1.5K | 250 |
| MS-834 | CL-504L | C | CdSe | 6900 | 0.25K | 60 |
| MS-835 | CL-505 | C | CdS | 5500 | 9K | 250 |
| MS-836 | CL-603 | D | CdSe | 7350 | 133K | 300 |
| MS-837 | CL-604L | D | CdSe | 6900 | 1.5K | 60 |
| MS-838 | CL-605L | D | CdS | 5500 | 7.5K | 60 |
| MS-903 | CL-505L | C | CdS | 5500 | 1.5K | 60 |

NET EACH 4.00

CADMIUM SULPHIDE PHOTOCELL



1.59

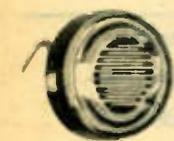
- For Sensitive Relay Actuation
- For Photo Electric Control

A neatly constructed crystal photocell that has countless applications in counting, relay actuation, etc. Resistance varies with light from 1 megohm in total darkness to approx. 1500 ohms at 100 foot candles. Responds to entire visible spectrum and has 1/10 sec. response for relay operation. Minimum current output 60 ma at 50 ft. candles at 90 volts; Power dissipation 2 watts for 5 seconds, 1/2 watt continuous. Output as low as .08ma at 1 ft. candle at 6 volts, varying with illumination intensity and applied voltage. Neatly encapsulated for easy mounting with leads for electrical connection. 1 1/4 x 1/2 x 1/8" overall. Imported

MS-827 Net 1.59

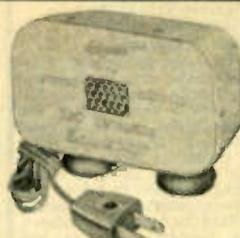
POLARIS "MAJ-1" RESISTOR PHOTOCELL

1.99



A cadmium-sulphide light-dependent resistor used to actuate door openers, burglar alarms, smoke detectors, light controls, production counters, etc. Resistance varies from 200 ohms at approx. 93 foot-candles to over 10 megohms in total darkness. Maximum volts: 110VAC (peak) 110VDC; maximum dissipation: .2 watt @ 40° C, .1 watt @ 50° C, 0 @ 60° C. Capacity approx. 6 mmf. 1/2" diam. x 3/8" thick. Shpg. wt., 3 oz.

MS-791 Net 1.99



4.95

NEW! LAFAYETTE AUTOMATIC PHOTO-ELECTRIC 'LUMINATOR

- Automatic Light Switch
- Lights on at sunset—off at sunrise

New photo-electronic, light sensitive switch turns lights on and off at dusk and dawn. Better than a clock—no setting and resetting of timer. Variance in "on-off" cycle adds extra protection when away from home. You need never come home to a darkened house. The controlled lamps go on as darkness falls—stay on until sufficient day light returns or until manually turned off. Just plug it in for protection from prowlers—to turn on night lights—illuminate outdoor areas—light up brooders—green houses—displays—show windows—any place you require automatic illumination. Mounts most anywhere on rubber suction cup feet. Unobtrusive—measures only 3 3/4 x 2 1/2 x 2 1/4". Use on 117 volt AC only. Maximum 300 watts lamp load. Instructions included. Shpg. wt., 1 lb.

MS-790 Imported Net 4.95

OCTAL BASED PHOTO-CONDUCTOR



3.95

- High Sensitivity
- Perfect For The Experimenters

A cadmium photo-conductor cell mounted in an octal type tube base for versatility in application. Ideal for mounting on chassis with all components of a photo-cell relay. Rated: 4900 ohms at 10 ft. candles; 200 megohms at 0 ft. candles. Spectral response covers from 4000 to 8000 Angstroms; maximum power dissipation (at 25°C) 0.5 Watts; ambient temperature —40 to +60°C. Maximum voltage ratings: 200 volts DC or AC peak. Resistance value characteristics: at 0 ft. candles = 500,000 ohms; at 1 Ft. candle = 5,000 to 30,000 ohms; at 10 ft. candles = 90 ohms to 5,000 ohms. Size 2-1/10"H overall. Imported

MS-882 Net 3.95

INFINITE DARK RESISTANCE PHOTO-CONDUCTOR

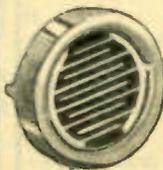


4.95

- Mount This Lafayette Special In Any Position
- 1 1/2" Diam. 1 1/2" High

This Lafayette cadmium sulfide PHOTO-CONDUCTOR special can be mounted in many positions through two leads from the base of the cell. An ideal cell for the experimenter requiring extreme versatility. Spectral response covers from 4,000 to 8,000 angstroms. Maximum power dissipation (25°C/W): 1.0. Ambient temperature (°C): —40 to +60. Maximum voltage 200 volts DC or AC peak. Resistance Value Characteristics —0 Ft. candles: above 200K ohms; 1 Ft. Candle: 500 to 40K ohms; 10 Ft. Candles: 100 to 800 ohms; Size 1-1/2Dx1-7/10"H. Shpg. wt., 4 oz. Imported

MS-881 Net 4.95



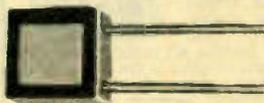
NEW! CADMIUM PHOTOCELL FOR HEAVY DUTY OPERATION

2.45 • 3/4" Light Area

An efficient cadmium photocell utilizing an extremely sensitive film element with 3/4" light area. Ideal for relay operation, door openers, counters, etc. Rated at 200V; 20-ma; 0.2W power dissipation at 20°C. Sensitivity is 610 ±50. Resistance Value Characteristics —0 Ft. Candles: 1M ohm/up; 1 Ft. Candles: 33K ohms; 10 Ft. Candles: 8K ohms. Size 1 1/8" Diam. x 3/8" depth.

MS-886 Imported Net 2.45

POWERMASTER TYPE CDS-10 CADMIUM SULPHIDE PHOTOCELL



2.50

A miniature crystal photocell that is ideal for actuating, counting, measuring photo-electric control. Acts as a resistor that varies with the intensity of light from over 1 megohm in total darkness to under 1500 ohms at 100 foot candles. Rapid response fast enough to operate relays in 1/10 second. Minimum current output 66 ma at 50 ft. candles at 90 volts. Output varies with illumination intensity and applied voltage to as low as .08 ma at 1 ft. candle at 6 volts. Power dissipation 1/2 watt continuous, 2 watts for 5 seconds. Usable response to entire visible spectrum with peak sensitivity to blue-green light and good red response. Response to infra-red is low. Size 1 1/8 x 5/8 x 1/4".

MS-739 Net 2.50



NEW! LAFAYETTE CADMIUM PHOTOCELL

1.95 • 3/8" Light Area

A quality cadmium photocell, perfect for transistor and printed circuit use. Employs sensitive film element with 3/8" light area. Rated at 200V; 10ma; 0.1W power dissipation @ 20°C. Sensitivity is 610 ±50. Resistance Value Characteristics —0 Ft. Candles: 2M ohms/up; 1 Ft. Candles: 100K ohms; 10 Ft. Candles: 25K ohms; Size 3/8" Diam x 1/4" Depth. Imported

MS-885 Net 1.95

NEW! LAFAYETTE CADMIUM SULPHIDE PHOTOCELL

- Only 3/8" D x 1/2" W

.95



New head-type window cadmium sulphide photocell. Maximum Ratings: 200 volts DC or AC peak. Temperature is —40°C and +60°C; Resistance is over 10 megohms at zero ft. candles, 100,000 ohms to 10 megohms at 1 foot candle, 100,000 to 350,000 ohms at 10 foot candles; Range of sensitive wave length is 4000 to 8000 angstroms. Size: 3/8" diam. x 1/2" L. o/a. Standard screw mount: miniature base. Imported

MS-855 Shpg. wt. 4 oz. Net .95



NEW! LAFAYETTE MINIATURE SELENIUM RECTIFIER

1/2" w x 3/8" D Premium quality and small size make this precision

.49

rectifier ideal for prototype and miniature applications. Measures 3/8"Dx1/2"W plus 1/4" mounting lip. Rated: Input—117VAC, 110 to 130 V DC; Output—10ma DC, 20ma DC intermittent; Ambient Temperature 40°C. Maximum input capacitance 10 MFD. Two convenient solder lug terminals. Imported

MS-887 Net .49

SCIENCE and TECHNOLOGY PHOTOELECTRIC PHOTOCELLS, HUMIDITY SENSORS



LAFAYETTE SUPER-VALUE SUN BATTERY

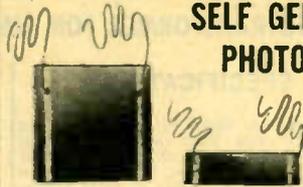


1.95

• Excellent for Experimenter, Kit Builder, etc.

Sensational buy enables Lafayette to offer this amazing selenium photocell at a fraction of the price of similar photoelectric cells! Surpasses by far, specifications of cells of equivalent size! Specifications: 0.9 ma Current Output at 100 ft. candles with 100 ohm load; 0.27 ma Current Output at 100 ft. candles with 1000 ohm load. 1 1/4" diameter. With colored pigtail leads. Imported

MS-891 Net 1.95



SELF GENERATING PHOTOELECTRIC CELLS

AS LOW AS

.53

BELOW DISTRIBUTOR COST!

- Complete with leads
- No external power needed
- Output in sunlight up to 60 MA
- Up To 750 μ a at 100 ft. Candles

Selenium, self-generating photocells convert sunlight or artificial light energy into electrical energy without any auxiliary source of power. Sensitive to a wide spectrum including white, colored or ultra-violet light. All unmounted; complete with leads. Outputs in table below taken at 100 foot candle illumination with 100 ohm load. Higher outputs obtainable with greater light. Shpg. wt., 3 oz. Imported

| Stock No. | Out μ a | Size | 1-4 | 5-9 | 10 | Net Each |
|-----------|-------------|-----------------|------|------|------|----------|
| MS-771 | 100 | 1 1/4" x 3/8" | .59 | .56 | .53 | |
| MS-772 | 250 | 1 1/4" x 3/8" | .79 | .75 | .71 | |
| MS-773 | 350 | 1 1/4" x 3/8" | .89 | .85 | .80 | |
| MS-774 | 750 | 1 1/4" x 1 1/8" | 3.18 | 3.03 | 2.88 | |

SELENIUM PHOTOCELL

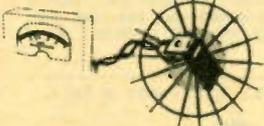
- Excellent for
- Burglar Alarms
- Door Openers
- Counters



OPERATES RELAYS DIRECTLY

Barrier layer, self-generating type: light striking upon cell generates current sufficient to operate relays directly without the use of auxiliary power. Lifetime of cell is unlimited. 600 microamperes output at 100 foot candles. 2 inches in diameter. Mounted in a handsome plastic case. Imported

MS-826 Photocell, Wt., 8 oz. Net 8.75
CM-70 Socket for MS-826 Net .13



B2M SUN BATTERY

International Rectifier's Sun Battery requires just average sunlight to generate 2 ma. current under 10-ohm load. With milliammeter can be used as light measuring device. In series or series-parallel will drive transistorized equipment. Ideal for spectrophotometers, headlight dimmers, burglar alarms, timers, etc. Measures .724x443x.040". 60 microamps @ 100 footcandles with 55 ohm load. .5 volt in average sunlight, .25 volt at 100 footcandles. Complete with 1/4" mounting bracket, 6" leads.

MS-112 Net 1.47
IN LOTS OF 10 OR MORE Ea. 1.32

NEW! INTERNATIONAL RECTIFIER SOLAR CELL AND PHOTOCELL HANDBOOK



This 112-page technical manual features full descriptions of over 75 practical light-operated circuits... contains projects and demonstrations of both selenium photocells and silicon solar cells... includes chapters on basic photovoltaic theory, photocell performance characteristics, radiation theory, and infrared and ultraviolet photocell applications... contains data on silicon solar cells and their use on satellites and space vehicles.

BK-1527 Net 2.00

INTERNATIONAL RECTIFIER B3M SELENIUM SOLAR CELL



Selenium photocell in

molded plastic case. Ratings (in full sunlight, using conventional volt and milliamp meters): Output 0.2 to 0.4 Volts, 1 1/2 to 2 1/2 milliamps. Supplied with pigtail leads and with adhesive disc for attaching cells to almost any surface. Size: 1 1/2x1 1/2x3/16". Shpg. wt., 4 oz.

MS-897 Net 1.71
In lots of 10 or more Ea. Net 1.32

INTERNATIONAL RECTIFIER S1M SILICON SOLAR CELL

Silicon solar cell in molded plastic case. Output rating 0.3 to 0.4 Volts and 10 to 16 milliamperes (in full sunlight, using conventional volt and milliamp meters). Complete with leads and pressure sensitive adhesive disc that permits mounting to almost any surface. Size: 1 1/2x1 1/2x3/16". Shpg. wt., 4 oz.

MS-898 Net 2.20
Lots of 10 or more Ea. Net 1.96

CS-120-M6 CADMIUM SULPHIDE PHOTO CONDUCTIVE CELL

International Rectifier popular cadmium sulphide photo conductive cell. Maximum applied voltage 120 volts; 0.2 watt max. power dissipation. Resistance ratings: 1.5 megohms in dark; 10,000 ohms at 10 foot candles; 2,000 ohms at 100 foot candles. In molded plastic case. With pigtail leads and adhesive disc for mounting to surface. Size: 1 1/2x1 1/2x3/16". Shpg. wt., 4 oz.

MS-899 Net 2.30

EXPERIMENTER'S HANDBOOK for SOLAR CELLS



An interesting, concise experimenter's handbook by International Rectifier that deals with the fundamentals and applications of silicon solar cells, cadmium sulphide photo conductive cells and selenium photocells and sun batteries. Includes 13 simple experiments dealing with the measuring of solar power, with relay activation by solar power, sun powered radios, sun powered oscillators, tunnel diode RF transmitter, solar powered Citizens Band 27 MC transmitter, and motors.

BK-1526 Special Lafayette Price Net .25

NEW! LAFAYETTE CADMIUM SULPHIDE PHOTOCONDUCTIVE CELLS



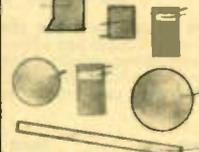
These new Lafayette cadmium sulphide photoconductor cells have numerous invaluable applications: i.e. door openers, chimes, automatic switches, burglar alarms, electric eye of cameras, etc. Their conductivity varies with the intensity of light. All are rated 20 milliamps at 200 volts, and have a Sensitive Wave Length range of 4,000 to 8,000 angstroms. All have leads for mounting. Shpg. wt., 2 oz. Imported

RESISTANCE IN OHMS AT

| Stock No. | 0 FC | 1 FC | 10 FC | 100 FC | Max. Temp. °C | Dimensions Inches | Net |
|-----------|--------|---------|---------|--------|---------------|-----------------------|------|
| MS-893 | 10 Meg | 1.5 Meg | 150,000 | 20,000 | +70 to -20 | 3/4" dia. x 3/16" L | 1.19 |
| MS-894 | 10 Meg | 1.5 Meg | 150,000 | 25,000 | +70 to -20 | 3/4" dia. x 3/16" L | 1.39 |
| MS-895 | 5 Meg | 25,000 | 4,500 | 700 | +50 to -20 | 3/8" dia. x 1/8" Thk. | 1.49 |
| MS-896 | 1 Meg | 20,000 | 3,500 | 600 | +70 to -20 | 1/2" dia. x 1/8" Thk. | 1.69 |

FC = Foot Candles Resistance ratings at 1, 10 and 100 foot candles have \pm 50% tolerances.

NEW! INTERNATIONAL RECTIFIER SELENIUM PHOTOCELL GRAB BAG KIT



SUPER VALUE

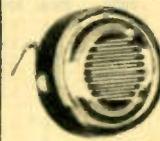
1.98

WORTH MANY TIMES THE PRICE!

ASSORTMENT OF 8 PHOTOCELLS WITH VARIED SHAPES, SIZES AND OUTPUTS!

SOME EQUIVALENT TO FAMOUS INTERNATIONAL RECTIFIER TYPES B2PL, A7PL, 7C, etc. Some have pigtail leads mounted; leads supplied for all the cells. Nominal output range 1/2-1/2 volts; 250 microamps to 5 MA in bright sunlight. Shpg. wt., 8 oz.

MS-921 Net 1.98



NOW! RESISTOR PHOTOCELL

SENSATIONAL LOW PRICE .89

A cadmium-sulphide light-activated resistor used to actuate door openers, burglar alarms, relays, light controls, production counters, etc. Resistance varies from 75 ohms at approx. 93 foot-candles to over 10 megohms in total darkness. Maximum volts: 110VAC (peak) 110VDC; maximum dissipation: .2 watt @ 40°C, .1 watt @ 50°C, 0 @ 60°C. Capacity approx. 6 mmf. 1/2" diam. x 1/16" thick. Shpg. wt., 3 oz.

MS-922 Net .89

EL-TRONICS HUMIDITY SENSING ELEMENT

New—highly accurate—extremely stable humidity sensing element. Varies bias on control grid of vacuum tube—directly controls meter reading in bridge circuit. Employs conducting plastic which changes resistance in the presence of water vapor. Rapid reaction time. Long term stability—trouble free operation. Employs punted electrodes on each face. 3/4x1 1/2x3/4". Includes Specs—curves—sample circuiting. Shpg. wt., 4 oz.

MS-327 Net 9.00

HYGROPAK-HUMIDITY SENSOR



New type of electric humidity measuring element. Film type element for stability—reproducibility—polarization. Resistance decreases with increase in humidity. Extremely fast reaction time. Will operate in temperatures up to 200°F. Covers the entire humidity range with a near linear curve. Shpg. wt., 2 ozs.

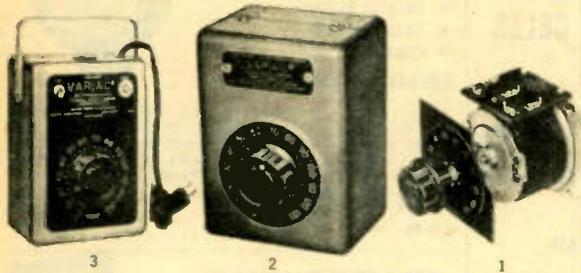
MS-407 Net 2.98



GENERAL RADIO VARIACS

WITH EXCLUSIVE DURATRAK CONTACT SURFACE

THE ORIGINAL ADJUSTABLE AUTOTRANSFORMER FOR SMOOTH CONTROL OF AC VOLTAGES



SPECIFICATIONS

Frequency: Specs for 'W' models are 50-60 cycle. Units can be operated at rated current and voltage from 50-400 cycles. On 25 cycles, 230 volt units can be used at half their 60 cycle voltage and kva. ratings. Rated Current: Can be drawn from the VARIAC at any dial setting. Maximum Current: Can be drawn at maximum voltage when line-voltage connection is used. Line Voltage Connection: Output voltage variable from 0 to line voltage. Overvoltage Connection: Output voltage variable from 17% above line voltage.

GENERAL RADIO VARIAC

(U.S. Patent No. 2,949,592) advantages include: banked winding, for space economy, unit brush for ease of replacement, wiring diagram and voltage data on terminal plates, precision machine winding on toroidal winding machines and long life essentially the same as fixed-ratio power transformers. Other features are good regulation, smooth control, high efficiency, linear output voltage (up to 117% of line voltage) direct-reading, reversible dials calibrated for 320° clockwise rotation, rugged construction—no delicate parts. Six basic types listed below provide a logical series of ratings up to 50 amperes at 50-60 cycles. Uncased models for behind-panel mounting, cased models for front-panel, wall or bench mounting; portable models have line cord, plug, on-off switch, resettable overload protector, outlet socket and handle.

TYPE W2. 4 models — up to 3.1 amps. output at 120 v. † has over voltage connections and corresponding dial scale;

| Stock No. | Type | Fig. | Input Volt | Overvolt Output | | Shpg. Wt. Lbs. | Net Each | | | |
|-----------|--------|------|------------|-----------------|------------|----------------|-----------|-------|-------|-------|
| | | | | Volts | Rated Amp. | | Max. Amp. | 1-9 | 10-19 | 20-99 |
| 3TD-170 | W2 | 1 | 120 | 0-140 | 2.4 | 3.1 | 6 | 15.00 | 14.25 | 13.50 |
| 3TD-171 | W2M | 2 | 120 | 0-140 | 2.0 | 2.6 | 9 | 21.00 | 19.95 | 18.90 |
| 3TD-172 | W2MT*† | 3 | 120 | 0-140 | 2.0 | 2.0 | 10 | 26.00 | 24.70 | 23.40 |
| 3TD-173 | W2MT3† | 3 | 120 | 0-140 | 2.0 | 2.0 | 10 | 28.00 | 27.60 | 25.20 |

* = 2 Wire † = 3 Wire

3TD-193 VB-1 Replacement brushes for above Net .75

TYPE W5. 10 models — up to 11 amps. output at 120 v. or 2.6 amps. at 240 v. Types with # for 120 v. — 60 cycle only 0-120 v. output, no over voltage. * = 2 wire; † = 3 wire. ‡ has overvoltage connections and corresponding dial scale.

| Stock No. | Type | Fig. | Input Volt | Overvolt Output | | Shpg. Wt. Lbs. | Net Each | | | |
|-----------|--|------|------------|-----------------|------------|----------------|-----------|-------|-------|---------|
| | | | | Volts | Rated Amp. | | Max. Amp. | 1-9 | 10-19 | 20-99 |
| 3TD-185 | W5 | 1 | 120 | 0-140 | 6.0 | 7.8 | 12 | 18.00 | 17.10 | 16.20 |
| 3TD-186 | W5M | 2 | 120 | 0-140 | 5.0 | 6.5 | 13 | 24.00 | 22.80 | 21.60 |
| 3TD-187 | W5MT*† | 3 | 120 | 0-140 | 5.0 | 5.0 | 15 | 30.00 | 28.50 | 27.00 |
| 3TD-188 | W5MT3† | 3 | 120 | 0-140 | 5.0 | 5.0 | 15 | 32.50 | 30.88 | 29.25 |
| 3TD-210 | W5L= | 1 | 120 | 0-120 | 8.5 | 11.0 | 12 | 17.50 | 16.63 | 15.75 |
| 3TD-211 | W5LM= | 2 | 120 | 0-120 | 7.1 | 9.2 | 13 | 23.50 | 22.33 | 21.15 |
| 3TD-224 | W5LMT3† | 3 | 120 | 0-120 | 7.1 | 9.2 | 15 | 34.50 | 32.72 | 31.05 |
| 3TD-189 | W5H | 1 | 240 | 0-280 | 2.0 | 2.6 | 10 | 21.50 | 20.43 | 19.35 |
| 3TD-190 | W5HM | 2 | 240 | 0-280 | 1.0 | 2.6 | 13 | 27.50 | 26.13 | 24.75 |
| 3TD-191 | W5HMT*† | 3 | 240 | 0-280 | 1.0 | 2.0 | 15 | 33.50 | 31.83 | 30.15 |
| 3TD-192 | VB-2 Repl. brushes for above except "H" type | | | | | | | | | Net .75 |
| 3TD-193 | VB-1 Repl. brushes for "H" type only | | | | | | | | | Net .75 |

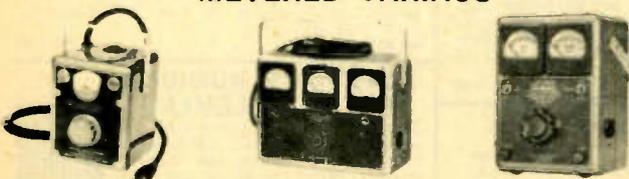
TYPE W10. 8 models — up to 13 amps. output at 120 v. or 5.2 amps. at 240 v. ‡ has over voltage connection and corresponding dial scale.

| Stock No. | Type | Fig. | Input Volt | Overvolt Output | | Shpg. Wt. Lbs. | Net Each | | | |
|-----------|----------|------|------------|-----------------|------------|----------------|-----------|-------|-------|-------|
| | | | | Volts | Rated Amp. | | Max. Amp. | 1-9 | 10-19 | 20-99 |
| 3TD-175 | W10 | 1 | 120 | 0-140 | 10 | 13 | 18 | 31.00 | 29.45 | 27.90 |
| 3TD-176 | W10M*† | 2 | 120 | 0-140 | 10 | 13 | 21 | 44.00 | 41.80 | 39.60 |
| 3TD-177 | W10MT† | 3 | 120 | 0-140 | 10 | 10 | 24 | 51.00 | 48.45 | 45.90 |
| 3TD-178 | W10MT3† | 3 | 120 | 0-140 | 10 | 10 | 24 | 53.50 | 50.84 | 48.15 |
| 3TD-179 | W10H | 1 | 240 | 0-280 | 4 | 5.2 | 18 | 33.00 | 31.35 | 29.70 |
| 3TD-180 | W10HM *† | 3 | 240 | 0-280 | 4 | 5.2 | 21 | 46.00 | 43.70 | 41.40 |
| 3TD-181 | W10HMT† | 3 | 240 | 0-280 | 4 | 4 | 24 | 53.00 | 50.35 | 47.70 |
| 3TD-182 | W10HMT3† | 3 | 240 | 0-280 | 4 | 4 | 24 | 55.50 | 52.73 | 49.95 |

* = 2 Wire † = 3 Wire

3TD-183 VBT-10 Repl. brushes for above except "H" type Net 1.25
3TD-184 VBT-11 Repl. brushes for "H" type only Net 1.25

METERED VARIACS



Input: 120V. 50-60 cycle; Output: 0-140V; Meter Accuracies: ± 3% of full scale; Switching: OFF-ON, 2-pole switch disconnects assembly from both sides of line in OFF position, and Meter RANGE, HIGH-LOW make-before-break to permit switching under load; Terminals: Line 3-wire cord and plug; Load-3-wire outlet receptacle (will accept parallel 2 wire plug); Fusing: low range 1 amp., high range 5 amp. Case Dimension for W5 type: 9 1/4"Hx6 3/4"Wx6 3/4"D, except * 9"Hx12 3/4"Wx4 1/2"D, † 12Hx9 1/4"Wx6 1/2"D, ‡ 6 3/4"Hx4 1/2"Wx4 1/2"D.

TYPE W20. 6 models — up to 26 amps. output at 120 v. or 10.4 amps. at 240 v. ‡ has over voltage connection and corresponding dial scale.

| Stock No. | Type | Fig. | Input Volt | Overvolt Output | | Shpg. Wt. Lbs. | Net Each | | | |
|-----------|-----------|------|------------|-----------------|------------|----------------|-----------|-------|-------|-------|
| | | | | Volts | Rated Amp. | | Max. Amp. | 1-9 | 10-19 | 20-99 |
| 3TD-194X | W20 | 1 | 120 | 0-140 | 20 | 26 | 27 | 48.00 | 45.60 | 43.20 |
| 3TD-195X | W20M | 2 | 120 | 0-140 | 20 | 26 | 27 | 61.00 | 57.95 | 54.90 |
| 3TD-196WX | W20MT3*† | 3 | 120 | 0-140 | 20 | 20 | 38 | 90.00 | 85.50 | 81.00 |
| 3TD-197X | W20H | 1 | 240 | 0-280 | 8 | 10.4 | 27 | 50.00 | 47.50 | 45.00 |
| 3TD-198WX | W20HM | 2 | 240 | 0-280 | 8 | 10.4 | 31 | 63.00 | 59.85 | 56.70 |
| 3TD-199WX | W20HMT3*† | 3 | 240 | 0-280 | 8 | 8 | 35 | 92.00 | 87.40 | 82.90 |

* = 3 wire

3TD-200 VBT-8 Repl. brushes for above except "H" type Net 2.50
3TD-201 VBT-12 Repl. brushes for "H" type only Net 2.50

TYPE W30. 4 Models. Up to 36 amps. Output at 120V. or 15.6 amps at 240V.

| Stock No. | Type | Fig. | Input Volt | Overvolt Output | | Shpg. Wt. Lbs. | NET EACH | | | |
|-----------|-------|------|------------|-----------------|------------|----------------|-----------|-------|-------|-------|
| | | | | Volts | Rated Amp. | | Max. Amp. | 1-9 | 10-19 | 20-99 |
| 3TD-218WX | W30 | 1 | 120 | 0-140 | 30 | 36 | 36 | 75.00 | 71.25 | 67.50 |
| 3TD-219WX | W30M | 2 | 120 | 0-140 | 28 | 32 | 46 | 97.00 | 92.15 | 87.30 |
| 3TD-220X | W30H | 1 | 240 | 0-280 | 12 | 15.6 | 36 | 75.00 | 71.25 | 67.50 |
| 3TD-221WX | W30HM | 2 | 240 | 0-280 | 12 | 15.6 | 46 | 97.00 | 92.15 | 87.30 |

3TD-222 VBT-13 Repl. brushes for above except "H" type Net 4.00
3TD-223 VBT-14 Repl. brushes for "H" type only Net 4.00

TYPE W50. 4 models — up to 50 amps. output at 120 v. or 32.5 amps. at 240 v.

| Stock No. | Type | Fig. | Input Volt | Overvolt Output | | Shpg. Wt. Lbs. | Net Each | | | |
|-----------|-------|------|------------|-----------------|------------|----------------|-----------|--------|--------|--------|
| | | | | Volts | Rated Amp. | | Max. Amp. | 1-9 | 10-19 | 20-99 |
| 3TD-202WX | W50 | 1 | 120 | 0-140 | 50 | 50 | 65 | 120.00 | 114.00 | 108.00 |
| 3TD-203WX | W50M | 2 | 120 | 0-140 | 40 | 45 | 74 | 145.00 | 137.75 | 130.50 |
| 3TD-204WX | W50H | 1 | 240 | 0-280 | 25 | 32.5 | 67 | 120.00 | 114.00 | 108.00 |
| 3TD-205WX | W50HM | 2 | 240 | 0-280 | 20 | 31 | 76 | 145.00 | 137.75 | 130.50 |

3TD-206 VBT-6 Repl. brushes for above except "H" type Net 5.50
3TD-207 VBT-7 Repl. brushes for "H" type only Net 5.50

400 CYCLE VARIACS FOR POWER SUPPLIES

TYPE M-350-1200 CYCLE SERVICE. 4 models-high frequency equivalents of type 'W' but much smaller and lighter. Made to MIL-specs for shock, vibration, salt-spray and tropicalization including: high and low temperature lubrication, iridite-treated aluminum parts, fungicidal treatment of all phenolic parts, special nickel-plated brush holder. Uses same brushes as equivalent 'W' models.

| Stock No. | Type | Fig. | Input Volt | Overvolt Output | | Shpg. Wt. Lbs. | Net Each | | | |
|-----------|------|------|------------|-----------------|------------|----------------|-----------|-------|-------|-------|
| | | | | Volts | Rated Amp. | | Max. Amp. | 1-9 | 10-19 | 20-99 |
| 3TD-212 | M2 | 1 | 120 | 0-140 | 2.4 | 3.1 | 4 | 14.50 | 13.78 | 13.05 |
| 3TD-213 | M5 | 1 | 120 | 0-140 | 6 | 7.8 | 6 | 18.50 | 17.58 | 16.65 |
| 3TD-214 | M10 | 1 | 120 | 0-140 | 10 | 13 | 11 | 30.00 | 28.50 | 27.00 |
| 3TD-215 | M20 | 1 | 120 | 0-140 | 20 | 26 | 18 | 48.00 | 45.60 | 43.20 |

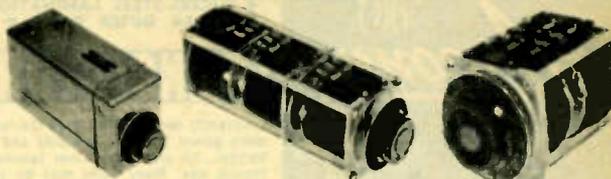
| Stock No. | Type | Input Volt | Output Volts | Dut. put Amps | Dut. put Amps | METER RANGES | | Shpg. Wt. Lbs. | Net Each | | |
|-----------|-----------|------------|--------------|---------------|---------------|--------------|-------|----------------|----------|--------|--------|
| | | | | | | Amps | Watts | | Volts | 1-9 | 10-19 |
| 3TD-208 | W5MT3A | 120 | 0-140 | 0.5 | 0-1 | 0-150 | 19 | 89.00 | 84.55 | 80.10 | |
| 3TD-209 | W5MT3W | 120 | 0-140 | 0-5 | 0-5 | 0-150 | 19 | 112.00 | 106.40 | 100.80 | |
| 3TD-225X | W5MT3AW* | 120 | 0-140 | 0-5 | 0-1 | 0-150 | 20 | 150.00 | 142.50 | 135.00 | |
| 3TD-226X | W10MT3A† | 120 | 0-140 | 0-10 | 0-2 | 0-150 | 24 | 110.00 | 104.50 | 99.00 | |
| 3TD-227X | W10MT3W† | 120 | 0-140 | 0-10 | 0-10 | 0-300 | 0-150 | 24 | 138.00 | 131.10 | 124.20 |
| 3TD-228 | W5MT3VM ‡ | 120 | 0-140 | 0-5 | 0-150 | 8 1/4 | 54.00 | 51.30 | 48.60 | | |

GENERAL RADIO GANGED VARIACS

SINGLE-PHASE GANGED VARIAC ASSEMBLIES

For 120 volt input for parallel operation, two ganged units use 1-50-P1 choke and three ganged units use 1-50-P1 and 1-50-P2 choke. * for 60 cycle use only, no over-voltage connection provided. All are cased except ▲ which is uncased.

| Stock No. | Type No. | Input Volt. | Output Volt. Range | Rated Amps. | Max. Amps. | Gngs. | Shpg. lbs. | Net Each | | |
|-----------|----------|-------------|--------------------|-------------|------------|-------|------------|----------|--------|--------|
| | | | | | | | | 1-9 | 10-19 | 20-99 |
| 3TD-229X | W5LG2M* | 120 | 0-120 | 14.2 | 18.4 | 2 | 23 | 53.00 | 50.35 | 47.70 |
| 3TD-230X | W5LG2*▲ | 120 | 0-120 | 17 | 22 | 2 | 21 | 41.00 | 38.95 | 36.90 |
| 3TD-231WX | W5LG3M* | 120 | 0-120 | 21.3 | 27.6 | 3 | 32 | 71.50 | 67.93 | 64.35 |
| 3TD-232WX | W5LG3*▲ | 120 | 0-120 | 25.5 | 33 | 3 | 30 | 59.50 | 56.53 | 53.55 |
| 3TD-233WX | W20G2M | 120 | 0-140 | 40 | 52 | 2 | 63 | 131.00 | 124.45 | 117.90 |
| 3TD-234WX | W20G2▲ | 120 | 0-140 | 40 | 52 | 2 | 57 | 106.00 | 100.70 | 95.40 |
| 3TD-235WX | W30G2M | 120 | 0-140 | 56 | 64 | 2 | 83 | 190.00 | 180.50 | 171.00 |
| 3TD-236WX | W30G2▲ | 120 | 0-140 | 60 | 72 | 2 | 77 | 160.00 | 152.00 | 144.00 |
| 3TD-237WX | W20G3M | 120 | 0-140 | 60 | 78 | 3 | 84 | 182.00 | 172.90 | 163.80 |
| 3TD-238WX | W20G3▲ | 120 | 0-140 | 60 | 78 | 3 | 78 | 156.00 | 138.20 | 130.40 |
| 3TD-239WX | W50G2M | 120 | 0-140 | 80 | 90 | 2 | 160 | 310.00 | 294.50 | 279.00 |
| 3TD-240WX | W30G3M | 120 | 0-140 | 84 | 96 | 3 | 115 | 275.00 | 261.25 | 247.50 |
| 3TD-241WX | W50G2▲ | 120 | 0-140 | 100 | 100 | 2 | 147 | 260.00 | 247.00 | 234.00 |
| 3TD-242WX | W30G3▲ | 120 | 0-140 | 90 | 108 | 3 | 108 | 240.00 | 228.00 | 216.00 |
| 3TD-243WX | W50G3M | 120 | 0-140 | 120 | 135 | 3 | 221 | 440.00 | 418.00 | 396.00 |
| 3TD-244WX | W50G3▲ | 120 | 0-140 | 150 | 150 | 3 | 206 | 385.00 | 366.25 | 346.50 |



THREE-PHASE GANGED VARIAC ASSEMBLIES

Two ganged Variacs uses an Open-Delta connection. With this connection two Variacs will control a three-phase load from a three-phase source. With 240 volt models, output voltages of more than doubled the supply voltage can be obtained, although current and power ratings are halved. Three ganged units use WYE connection. With this connection models can be operated from three-phase lines of twice the voltage rating. All units are cased except ▲ which is uncased. † Over-voltage connection not recommended. W5LG3, W5L3M are for 60 cycle use only, can be used in WYE if the 3-phase 60 cycle line does not exceed 208 volts.

| Stock No. | Type No. | Input Volt. | Output Volt. Range | Rated Amps. | Max. Amps. | Gngs. | Shpg. lbs. | Net Each | | |
|-----------|----------|-------------|--------------------|-------------|------------|-------|------------|----------|--------|--------|
| | | | | | | | | 1-9 | 10-19 | 20-99 |
| 3TD-231WX | W5LG3M | 208 | 0-208 | 7.1 | 9.2 | 3 | 32 | 71.50 | 67.93 | 64.35 |
| 3TD-232WX | W5LG3▲ | 208 | 0-208 | 8.5 | 11 | 3 | 30 | 59.50 | 56.53 | 53.55 |
| 3TD-400X | W5HG2▲ | 240 | 0-280 | 2 | 2.6 | 2 | 21 | 49.00 | 46.55 | 44.10 |
| 3TD-401X | W5HG2M | 240 | 0-280 | 2 | 2.6 | 2 | 23 | 61.00 | 57.95 | 54.90 |
| 3TD-416X | W2G3M† | 240 | 0-240 | 2 | 2.6 | 3 | 21 | 64.00 | 60.80 | 57.60 |
| 3TD-417 | W2G3† | 240 | 0-240 | 2.4 | 3.1 | 3 | 19 | 52.00 | 49.40 | 46.80 |
| 3TD-418WX | W10HG2▲ | 240 | 0-280 | 4 | 5.2 | 2 | 33 | 76.00 | 73.20 | 68.40 |
| 3TD-419WX | W10HG2M | 240 | 0-280 | 4 | 5.2 | 2 | 37 | 97.00 | 92.15 | 87.30 |
| 3TD-420WX | W5G3M† | 240 | 0-240 | 5 | 6.5 | 3 | 32 | 73.00 | 69.35 | 65.70 |
| 3TD-421WX | W5G3† | 240 | 0-240 | 6 | 7.8 | 3 | 30 | 61.00 | 57.95 | 54.90 |
| 3TD-408WX | W20HG2▲ | 240 | 0-280 | 8 | 10.4 | 2 | 55 | 110.00 | 104.50 | 99.00 |
| 3TD-409WX | W20HG2M | 240 | 0-280 | 8 | 10.4 | 2 | 59 | 135.00 | 128.25 | 121.50 |
| 3TD-422WX | W10G3† | 240 | 0-240 | 10 | 13 | 3 | 48 | 105.00 | 99.75 | 94.50 |
| 3TD-423WX | W10G3M† | 240 | 0-240 | 10 | 13 | 3 | 54 | 128.00 | 121.60 | 115.20 |
| 3TD-410WX | W30HG2▲ | 240 | 0-280 | 12 | 15.6 | 2 | 75 | 160.00 | 152.00 | 144.00 |
| 3TD-411WX | W30HG2M | 240 | 0-280 | 12 | 15.6 | 2 | 81 | 190.00 | 180.50 | 171.00 |
| 3TD-238WX | W20G3† | 240 | 0-240 | 20 | 26 | 3 | 78 | 156.00 | 148.20 | 140.40 |
| 3TD-237WX | W10G3M† | 240 | 0-240 | 20 | 26 | 3 | 84 | 182.00 | 172.90 | 163.80 |
| 3TD-412WX | W50HG2M | 240 | 0-280 | 20 | 31 | 2 | 165 | 310.00 | 294.50 | 279.00 |
| 3TD-240WX | W30G3M† | 240 | 0-240 | 28 | 32 | 3 | 115 | 275.00 | 261.25 | 247.50 |
| 3TD-413WX | W30HG2▲ | 240 | 0-280 | 25 | 32.5 | 2 | 155 | 260.00 | 247.00 | 234.00 |
| 3TD-242WX | W30G3† | 240 | 0-240 | 30 | 36 | 3 | 108 | 240.00 | 228.00 | 216.00 |
| 3TD-243WX | W10G3M† | 240 | 0-240 | 40 | 45 | 3 | 221 | 440.00 | 418.00 | 396.00 |
| 3TD-244WX | W50G3† | 240 | 0-240 | 50 | 50 | 3 | 206 | 385.00 | 366.25 | 346.50 |
| 3TD-425WX | W5HG3M† | 480 | 0-480 | 2 | 2.6 | 3 | 31 | 83.50 | 79.33 | 75.15 |
| 3TD-426WX | W10HG3▲ | 480 | 0-480 | 4 | 5.2 | 3 | 46 | 111.00 | 105.45 | 99.90 |
| 3TD-427WX | W10HG3M† | 480 | 0-480 | 4 | 5.2 | 3 | 52 | 134.00 | 113.90 | 120.60 |
| 3TD-428WX | W20HG3▲ | 480 | 0-480 | 8 | 10.4 | 3 | 73 | 162.00 | 153.90 | 145.80 |
| 3TD-429WX | W20HG3M† | 480 | 0-480 | 8 | 10.4 | 3 | 81 | 188.00 | 178.60 | 169.20 |
| 3TD-430WX | W30HG3† | 480 | 0-480 | 12 | 15.6 | 3 | 107 | 240.00 | 228.00 | 216.00 |
| 3TD-431WX | W30HG3M† | 480 | 0-480 | 12 | 15.6 | 3 | 113 | 275.00 | 261.25 | 247.50 |
| 3TD-414WX | W50HG3M† | 480 | 0-480 | 20 | 31 | 3 | 230 | 440.00 | 418.00 | 396.00 |
| 3TD-415WX | W50HG3▲ | 480 | 0-480 | 25 | 32.5 | 3 | 214 | 385.00 | 366.25 | 346.50 |
| 3TD-424X | W5HG3† | 480 | 0-480 | 2 | 2.6 | 3 | 29 | 71.50 | 67.93 | 64.35 |

400-CYCLE GANGED VARIACS

Available as two ganged assemblies for 120v, three-phase open-delta connection (or for controlling two circuits from a single shaft) and as a three-phase WYE connection (or controlling three circuits from a single shaft) type 50-P1 choke is required when a two ganged unit is to be operated in parallel; for three gang parallel operation a 50-P2 choke in addition to the 50-P1 is required.

| Stock No. | Type No. | Gangs | Shpg. wt. lbs. | Net Each | |
|-----------|----------|-------|----------------|----------|--------|
| | | | | 1-9 | 10-19 |
| 3TD-432 | M2G2 | 2 | 6 | 33.00 | 31.35 |
| 3TD-433 | M2G3 | 3 | 9 | 49.50 | 47.03 |
| 3TD-434 | M5G2 | 2 | 12 | 41.00 | 38.95 |
| 3TD-435 | M5G3 | 3 | 14 | 61.50 | 58.43 |
| 3TD-436 | M10G2 | 2 | 18 | 65.00 | 61.75 |
| 3TD-437X | M10G3 | 3 | 27 | 97.00 | 92.15 |
| 3TD-438WX | M20G2 | 2 | 34 | 107.00 | 101.65 |
| 3TD-439WX | M20G3 | 3 | 48 | 155.00 | 147.25 |

CHOKES FOR PARALLEL COMBINATIONS

This choke is necessary to limit circulating current. Load rating of 2 identical Variacs is twice that of single unit. Use 1 choke to parallel 2 units, 3 for 4 units. Cannot be used for loads in excess of 2 type W50.

| | | |
|---|-----------------------|---------------|
| 3TD-217 GR type 50-P1. | Shpg. wt., 1 1/4 lbs. | Net ea. 16.00 |
| lots of 10, ea. 15.20; lots of 20, ea. 12.40 | | |
| For 3 coils in parallel third choke, Type 50-P2 required. | | |
| 3TD-440 GR type 50-P2 | | Net ea. 16.00 |
| lots of 10, ea. 15.20; lots of 20, ea. 12.40 | | |

REPLACEMENT BRUSHES

| | | |
|---------|--|------|
| 3TD-441 | 200-315 Repl. brush for 200 type. | .55 |
| 3TD-442 | VBT-2 Repl. brush for V-10, V-10M, V-10MT | .85 |
| 3TD-443 | VBT-2 Set of 2 for V-20M, V-20HM | 1.70 |
| 3TD-444 | VBT-4 Repl. brush for V-10M, V-10HM, V-10HMT | .85 |
| 3TD-445 | VBT-5 Set of 2 for V-20, V-20M | 1.70 |

UTC PIP TRANSISTOR PULSE TRANSFORMER

Hermetically sealed subminiature type 4:4:1 ratio. Checked and adjusted in transistor test circuit for correct pulse width. Width is same in both coupling circuit or blocking osc. Size 3/8" dia x 3/8" high. Wt. 1/2 oz.

| Stock No. | UTC Type | Block- ing Rise Time | Pulse % Back Swing | Coupling Circuit | | May Be Assorted | | | | | |
|-----------|----------|----------------------|--------------------|------------------|---------|-----------------|-----------|------------|------|------|------|
| | | | | Volt | Imp. In | 1-24 ea. | 25-99 ea. | 100-up ea. | | | |
| 3TC-318 | PIP-1 | .05 | .02 | 37 | 9 | .018 | 12 | 50 | 5.88 | 5.10 | 4.80 |
| 3TC-319 | PIP-2 | .1 | .025 | 25 | 8 | .02 | 5 | 50 | 5.88 | 5.10 | 4.80 |
| 3TC-320 | PIP-3 | .2 | .030 | 15 | 7 | .035 | 5 | 100 | 5.88 | 5.10 | 4.80 |
| 3TC-321 | PIP-4 | .5 | .05 | 15 | 7 | .06 | 0 | 100 | 5.88 | 5.10 | 4.80 |
| 3TC-322 | PIP-5 | 1 | .08 | 14 | 6.8 | .15 | 5 | 100 | 5.88 | 5.10 | 4.80 |
| 3TC-323 | PIP-6 | 2 | .10 | 15 | 6.6 | .18 | 10 | 100 | 5.88 | 5.10 | 4.80 |
| 3TC-324 | PIP-7 | 3 | .20 | 14 | 6.8 | .20 | 10 | 100 | 5.88 | 5.10 | 4.80 |
| 3TC-325 | PIP-8 | 5 | .30 | 3 | 7.9 | .22 | 25 | 200 | 5.88 | 5.10 | 4.80 |
| 3TC-326 | PIP-9 | 10 | .35 | 12 | 6.5 | .4 | 20 | 200 | 5.88 | 5.10 | 4.80 |

UTC HERMETIC VARIODUCTOR

These variable inductors are hermetically sealed to MIL-T-27A specifications and provide exceptionally wide inductance range of +200%, -70% of nominal value through adjusting screw at top of case. High stability. 1 1/2 x 3/4 x 1 1/4" H. Shpg. wt., 4 oz. *DC MA shown is max., will effect some reduction in inductance and Q.



| STOCK NO | UTC TYPE | MIN HYS | | | MEAN HYS | | | MAX HYS | | | MAY BE ASSORTED | | |
|----------|----------|---------|-------|--------|----------|-------|-------|---------|-----|-----|-----------------|-----|--|
| | | 1-24 | 25-99 | 100 UP | EA. | EA. | EA. | EA. | EA. | EA. | EA. | EA. | |
| 3TC-82 | HVC-1 | .002 | .006 | .02 | 100 | 8.82 | 7.65 | 7.20 | | | | | |
| 3TC-83 | HVC-2 | .005 | .015 | .05 | 60 | 8.82 | 7.65 | 7.20 | | | | | |
| 3TC-84 | HVC-3 | .011 | .040 | .11 | 40 | 8.82 | 7.65 | 7.20 | | | | | |
| 3TC-85 | HVC-4 | .03 | .1 | .3 | 30 | 8.82 | 7.65 | 7.20 | | | | | |
| 3TC-86 | HVC-5 | .07 | .25 | .7 | 20 | 8.82 | 7.65 | 7.20 | | | | | |
| 3TC-87 | HVC-6 | .2 | .6 | 2. | 15 | 8.82 | 7.65 | 7.20 | | | | | |
| 3TC-88 | HVC-7 | .5 | 1.5 | 5. | 10 | 9.41 | 8.16 | 7.68 | | | | | |
| 3TC-89 | HVC-8 | 1.1 | 4. | 11. | 7 | 9.41 | 8.16 | 7.68 | | | | | |
| 3TC-90 | HVC-9 | 3. | 10. | 30. | 5 | 9.41 | 8.16 | 7.68 | | | | | |
| 3TC-91 | HVC-10 | 7. | 25. | 70. | 3.5 | 9.70 | 8.42 | 7.92 | | | | | |
| 3TC-92 | HVC-11 | 20. | 60. | 200. | 2 | 10.58 | 9.18 | 8.64 | | | | | |
| 3TC-93 | HVC-12 | 50. | 150. | 500. | 1.5 | 11.76 | 10.20 | 9.60 | | | | | |



CHOOSE FROM 77 TYPES-THE ONLY COMPLETE LINE OF QUALITY TRANSISTOR TRANSFORMERS

- NICKEL-STEEL LAMINATIONS • WOUND ON NYLON BOBBINS
- MYLAR OUTER WRAP • COLOR CODED LEADS

SINGLY EACH **2.95**

QUANTITY BUYERS

LOTS OF 10 ASSORTED **2.75**

LOTS OF 25 ASSORTED **2.40**

LOTS OF 50 ASSORTED **2.15**

WRITE FOR PRICES

ON LARGER QUANTITIES

TRANSISTOR TRANSFORMERS

Efficiently designed to meet the needs of miniaturization and engineered to provide more power handling capacity and improved frequency response with minimum distortion. All are nickel-steel laminations. Applications under "TYPE" column shows typical use. Many units may be used for other applications as well. Average net weight 1 1/4 oz.; average shpg. wt., 4 oz. MADE IN U.S.A.

| ARGONNE NUMBER | TYPE | IMPEDANCE | | UNBALANCED CURRENT PRI. D.C. MA | POWER MILLI-WATTS | D.C. RESISTANCE | | OVERALL SIZE |
|----------------|--------|--------------|----------------|---------------------------------|-------------------|-----------------|-----------|--------------------|
| | | PRIMARY OHMS | SECONDARY OHMS | | | PRI. OHMS | SEC. OHMS | |
| AR-141 | Input | 500,000 | 1,500 CT | .3 | 350 | 3500 | 60 | 1" x 3/4" x 3/4" |
| AR-142 | Input | 500,000 | 200 CT | .3 | 350 | 3500 | 20 | 1" x 3/4" x 3/4" |
| AR-143 | Input | 250,000 | 200 CT | .5 | 350 | 3500 | 20 | 1" x 3/4" x 3/4" |
| AR-144 | Input | 200,000 | 1,500 CT | .5 | 350 | 3500 | 65 | 1" x 3/4" x 3/4" |
| AR-100 | Input | 200,000 | 1,000 | .5 | 100 | 3600 | 90 | 1" x 3/4" x 3/4" |
| AR-126 | Input | 150,000 | 1,500 CT | 2. | 100 | 3700 | 55 | 1" x 3/4" x 3/4" |
| AR-101 | Input | 100,000 | 3,000 CT | .5 | 100 | 3600 | 60 | 1" x 3/4" x 3/4" |
| AR-145 | Input | 100,000 | 2,000 CT | .5 | 350 | 3000 | 50 | 1" x 3/4" x 3/4" |
| AR-102 | Input | 100,000 | 1,500 CT | .5 | 100 | 3600 | 40 | 1" x 3/4" x 3/4" |
| AR-146 | Input | 100,000 | 50 | .5 | 350 | 3000 | 1.6 | 1" x 3/4" x 3/4" |
| AR-127 | Input | 50,000 | 3,000 CT | 1. | 100 | 2000 | 50 | 1" x 3/4" x 3/4" |
| AR-128 | Input | 50,000 | 1,500 CT | 2. | 100 | 3000 | 50 | 1" x 3/4" x 3/4" |
| AR-129 | Input | 50,000 | 1,000 | 2. | 100 | 2500 | 20 | 1" x 3/4" x 3/4" |
| AR-148 | Input | 50,000 | 500 CT | 1. | 175 | 1300 | 20 | 3/4" x 3/8" x 3/8" |
| AR-149 | Input | 50,000 | 200 CT | 1. | 175 | 1300 | 10 | 3/4" x 3/8" x 3/8" |
| AR-147 | Input | 50,000 | 30 CT | 1. | 175 | 1300 | 1.5 | 3/4" x 3/8" x 3/8" |
| AR-150 | Input | 40,000 | 100 | 1. | 175 | 850 | 6 | 3/4" x 3/8" x 3/8" |
| AR-103 | Driver | 20,000 | 2,000 CT | 1. | 100 | 400 | 50 | 1" x 3/4" x 3/4" |
| AR-104 | Driver | 20,000 | 1,000 | 1. | 100 | 400 | 50 | 3/4" x 3/8" x 3/8" |
| AR-151 | Driver | 20,000 | 800 CT | 1.5 | 175 | 600 | 60 | 3/4" x 3/8" x 3/8" |
| AR-105 | Driver | 20,000 | 400 | 1. | 100 | 600 | 30 | 1" x 3/4" x 3/4" |
| AR-130 | Output | 20,000 | 8 | .5 | 100 | 400 | 0.6 | 3/4" x 3/8" x 3/8" |
| AR-131 | Output | 20,000 | 3.2 | .5 | 100 | 400 | 0.3 | 3/4" x 3/8" x 3/8" |
| AR-106 | Driver | 16,000 | 4,000 | 1. | 100 | 620 | 350 | 3/4" x 3/8" x 3/8" |
| AR-152 | Driver | 15,000 | 200 CT | 1.5 | 175 | 550 | 10 | 3/4" x 3/8" x 3/8" |
| AR-107 | Driver | 15,000 | 200 | 1.5 | 250 | 1000 | 20 | 1" x 3/4" x 3/4" |
| AR-108 | Driver | 10,000 | 3,000 CT | 1.5 | 100 | 200 | 100 | 3/4" x 3/8" x 3/8" |
| AR-109 | Driver | 10,000 | 2,000 CT | 1.5 | 100 | 500 | 50 | 3/4" x 3/8" x 3/8" |
| AR-153 | Driver | 10,000 | 200 CT | 2. | 175 | 400 | 10 | 3/4" x 3/8" x 3/8" |
| AR-110 | Output | 10,000 | 16 | 2. | 150 | 600 | 2.5 | 3/4" x 3/8" x 3/8" |
| AR-132 | Output | 10,000 | 8 | 1. | 100 | 600 | .6 | 3/4" x 3/8" x 3/8" |
| AR-133 | Output | 10,000 | 3.2 | 1. | 100 | 600 | .3 | 3/4" x 3/8" x 3/8" |
| AR-158 | Input | 5,000 CT | 80,000 | 2. | 175 | 350 | 1800 | 3/4" x 3/8" x 3/8" |
| AR-157 | Input | 5,000 | 45,000 | 2. | 175 | 250 | 1600 | 3/4" x 3/8" x 3/8" |
| AR-156 | Input | 5,000 | 30,000 | 2. | 175 | 150 | 1300 | 3/4" x 3/8" x 3/8" |
| AR-155 | Input | 5,000 | 10,000 | 2. | 175 | 150 | 450 | 3/4" x 3/8" x 3/8" |
| AR-154 | Input | 5,000 | 7,500 CT | 2. | 175 | 150 | 400 | 3/4" x 3/8" x 3/8" |
| AR-173 | Driver | 5,000 | 3,000 | 2. | 350 | 200 | 90 | 1" x 3/4" x 3/4" |
| AR-111 | Output | 5,000 | 100 | 1. | 100 | 600 | 10 | 3/4" x 3/8" x 3/8" |
| AR-134 | Output | 4,000 CT | 8 | 4. | 250 | 150 | .8 | 1" x 3/4" x 3/4" |
| AR-135 | Output | 4,000 CT | 3.2 | 4. | 250 | 150 | .3 | 1" x 3/4" x 3/4" |
| AR-112 | Output | 3,500 | 200 | 1. | 150 | 120 | 25 | 1" x 3/4" x 3/4" |
| AR-113 | Driver | 3,000 CT | 1,000 | 9. | 150 | 100 | 60 | 3/4" x 3/8" x 3/8" |
| AR-114 | Output | 2,500 | 11 | 10. | 150 | 50 | 1.1 | 3/4" x 3/8" x 3/8" |
| AR-115 | Input | 2,000 CT | 8,000 CT | 2. | 150 | 150 | 660 | 1" x 3/4" x 3/4" |
| AR-116 | Output | 2,000 | 200 | 4. | 250 | 120 | 20 | 1" x 3/4" x 3/4" |
| AR-175 | Driver | 2,000 | 1,500 | 2. | 350 | 150 | 60 | 1" x 3/4" x 3/4" |
| AR-159 | Driver | 1,500 | 500 | 4. | 175 | 100 | 20 | 3/4" x 3/8" x 3/8" |
| AR-136 | Output | 1,000 CT | 100 | 4. | 250 | 120 | 10 | 1" x 3/4" x 3/4" |
| AR-137 | Output | 1,000 CT | 8 | 4. | 250 | 120 | .9 | 1" x 3/4" x 3/4" |
| AR-138 | Output | 1,000 CT | 3.2 | 4. | 250 | 120 | .3 | 1" x 3/4" x 3/4" |
| AR-160 | Output | 800 | 3.2 | 5. | 175 | 40 | .3 | 3/4" x 3/8" x 3/8" |
| AR-161 | Output | 650 | 16 | 5. | 175 | 27 | 1.3 | 3/4" x 3/8" x 3/8" |
| AR-162 | Output | 500 | 500 CT | 5. | 350 | 18 | 18 | 3/4" x 3/8" x 3/8" |
| AR-163 | Output | 500 | 150 CT | 5. | 175 | 18 | 8 | 3/4" x 3/8" x 3/8" |
| AR-165 | Output | 500 | 50 | 5. | 175 | 18 | 4 | 3/4" x 3/8" x 3/8" |
| AR-117 | Output | 500 | 30 | 5. | 100 | 20 | 1.5 | 3/4" x 3/8" x 3/8" |
| AR-118 | Output | 500 | 16 | 5. | 100 | 20 | 1.5 | 3/4" x 3/8" x 3/8" |
| AR-164 | Output | 500 | 8 | 5. | 175 | 18 | .8 | 3/4" x 3/8" x 3/8" |
| AR-119 | Output | 500 | 3.2 | 5. | 100 | 20 | .3 | 3/4" x 3/8" x 3/8" |
| AR-166 | Output | 400 | 16 | 5. | 175 | 16 | 1.3 | 3/4" x 3/8" x 3/8" |
| AR-120 | Output | 400 | 11 | 1. | 150 | 20 | .9 | 3/4" x 3/8" x 3/8" |
| AR-167 | Output | 400 | 8 or 3.2 | 5. | 175 | 16 | 6/3 | 3/4" x 3/8" x 3/8" |
| AR-168 | Output | 300 | 16 | 6. | 175 | 12 | 1.4 | 3/4" x 3/8" x 3/8" |
| AR-121 | Output | 300 | 3.2 | 6. | 150 | 20 | .25 | 3/4" x 3/8" x 3/8" |
| AR-139 | Output | 250 | 8 | 2. | 250 | 15 | 7 | 1" x 3/4" x 3/4" |
| AR-122 | Output | 250 | 3.2 | 2. | 150 | 11 | .3 | 1" x 3/4" x 3/4" |
| AR-123 | Input | 200 | 2,000 CT | 2. | 150 | 11 | 50 | 1" x 3/4" x 3/4" |
| AR-124 | Output | 200 | 16 | 2. | 250 | 20 | 1.3 | 3/4" x 3/8" x 3/8" |
| AR-169 | Output | 200 | 8 or 3.2 | 7. | 175 | 9 | 6/3 | 3/4" x 3/8" x 3/8" |
| AR-140 | Output | 200 | 3.2 | 2. | 100 | 10 | .3 | 3/4" x 3/8" x 3/8" |
| AR-170 | Output | 160 | 8 or 3.2 | 8. | 350 | 10 | 6/3 | 1" x 3/4" x 3/4" |
| AR-176 | Output | 125 | 8 | 8. | 350 | 4 | .7 | 1" x 3/4" x 3/4" |
| AR-174 | Output | 125 | 3.2 | 8. | 350 | 6 | .3 | 1" x 3/4" x 3/4" |
| AR-171 | Output | 100 | 10 | 10. | 175 | 4 | .8 | 3/4" x 3/8" x 3/8" |
| AR-172 | Output | 48 | 8 or 3.2 | 15. | 350 | 2.3 | 6/3 | 1" x 3/4" x 3/4" |
| AR-125 | Input | 3 | 4,000 | 15. | 250 | 14 | 50 | 3/4" x 3/8" x 3/8" |

TRANSISTOR TRANSFORMERS-POWER SUPPLIES-MAGNETS



NEW ARGONNE HI-FI TRANSISTOR TRANSFORMERS

- DESIGNED FOR WIDE RANGE TRANSISTOR AUDIO AMPLIFIERS.
- 20-20,000 CPS \pm 0.25 DB

Completely encased transformers specifically designed for use in transistorized, wide range, high fidelity audio amplifiers. Both driver and output have a frequency response of 20 to 20,000 cps \pm 0.25 db when used in properly designed circuits. At full power rating of 1.5 watts the same response may be achieved at \pm 2 db. Size: 1 1/2" x 1 1/4" x 1 1/4". Threaded mounting studs. Color coded leads. Shpg. wt., 9 ozs.

DRIVER TRANSFORMER

Primary impedance 5000 ohms, 3000 ohm center tapped secondary, DC resistance of primary 50 ohms, of secondary 75 ohms. Unbalanced primary current 20 ma DC. AR-500 Net 5.75

OUTPUT TRANSFORMER

Primary impedance, 125 ohms center tapped. Secondary impedance, 8 ohms. DC resistance of primary is 4 ohms, of secondary, 0.8 ohms. Unbalanced primary current 50 ma DC. AR-501 Net 5.75



NEW POWER TRANSISTOR AUDIO TRANSFORMERS

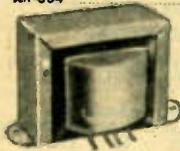
- DESIGNED FOR HIGH OUTPUT TRANSISTORS
- USED IN AUTO RADIOS - PA SYSTEMS - INTERCOMS - ETC.

OUTPUT TRANSFORMER

Rated 6 watts. Frequency response 70 to 20,000 cycles \pm 2 db. Primary impedance, 48 ohms center tapped. Secondary, 3.2 ohms; Primary DC resistance 1.1 ohms, secondary 0.3 ohms. Unbalanced primary current 500 ma DC. Size 1 1/2" x 1 1/4" x 1 1/4". Shpg. wt., 1 lb. AR-503 Net 1.75

INPUT TRANSFORMER

Rated 2 watts. Frequency response 70 to 20,000 cps \pm 2 db. Primary impedance 100 ohms. Secondary impedance 200 ohms CT. Primary DC resistance 1.8 ohms, secondary 2.7 ohms. Unbalanced primary current, 200 ma DC. Size 1 1/2" x 1 1/4" x 1 1/4". wt., 1 lb. AR-504 Net 1.50

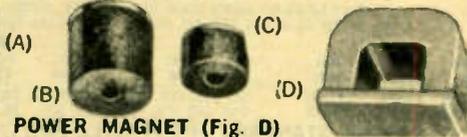


NEW! UNIVERSAL POWER TRANSISTOR OUTPUT TRANSFORMER

- DESIGNED FOR THE EXPERIMENTER
- PRI. TAPPED AT 8-12-16-24-32 AND 48 OHMS
- RATED 10 WATTS

Lafayette's latest transistor circuit component. Engineered for construction projects using the increasingly popular power transistors. Will also serve as a general replacement for many transistorized auto radios. Rated at 10 watts for push-pull operation. Primary tapped at 8, 12, 16, 24, 32 and 48 ohms. Secondary tapped at 4, 8 and 16 ohms. Sizes 3 1/4" x 2 1/4" x 2 1/4". Shpg. wt., 3 lbs. TR-94 Net 3.75

ALCOMAX MAGNETS AND KITS



POWER MAGNET (Fig. D)

- LIFTS 50 TIMES ITS OWN WEIGHT

Made of Alcomax—a material with 12 times the magnetic energy of tungsten steel. Designed for most efficient performance/weight ratio—will lift up to 50 times its own weight. Horseshoe shape with plated keeper. Ideal for such applications as magnetic clutch, lifting, work holding, elec. relays, etc. Size 1 1/2" x 1 1/4" x 1 3/4". Distance between poles is 7/8". Shpg. wt., 1/2 lb. Imported from England. F-55 Net 2.40

POT AND BUTTON MAGNETS

Magnets available in 3 sizes, designed to produce a highly efficient magnetic circuit. Suitable for holding and lifting of all sorts. With plated keepers. Avg. shpg. wt., 5 oz. Imported from England

ALNICO POT MAGNETS (Fig. C)

F-635 5/8" H, 1 1/4" dia. 1 oz. Net .69
 F-636 3/4" H, 1 1/4" dia. 1 1/2 oz. Net .87
 F-637 1" H, 1 1/4" dia. 3 1/2 oz. Net 1.39

ALCOMAX BUTTON MAGNETS (Fig. B)

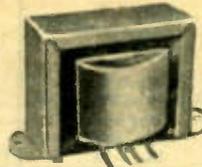
Set of 3. Sizes and weights: 3/8" H, 1/2" dia., 1/2 oz.; 1/2" H, 3/4" dia., 1 oz.; 5/8" H, 1" dia., 1 1/2 oz. Imported from England F-638 (Set of 3) Net 1.45

POCKET MAGNET

An Alnico magnet useful for inspection of hardware to sort steel from brass, as a retriever of small parts. Highly efficient. Size 1 1/2" x 1 1/4" x 3/4". 1/4" between poles. Shpg. wt., 3 oz. With plated keeper. Imported from England F-54 Net .50

LABORATORY MAGNET TEKNIKIT™ (Fig. A)

This set has been specially designed for schools, laboratories, and technicians, for testing and demonstrating the magnetic properties of permanent magnets. Fine hardwood case contains a pair of bar magnets 2" x 1/2" diam., a horseshoe magnet 1 3/4" high x 1 3/4" x 5/8" deep with 3/4" spacing between poles, and a bridge magnet 3/4" high x 7/8" x 5/8" deep with 1/4" spacing between poles. Shpg. wt., 1 1/2 lbs. Imported from England F-58 Net 4.73



TRANSISTOR OUTPUT TRANSFORMERS RATED 150 MW

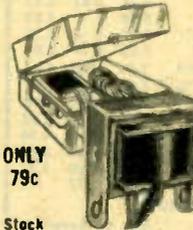
Here is an outstanding value in the most popular transistor output transformer for 10 to 11 ohm speakers. Rated power is 150 milliwatts. Primary impedance is 400 ohms, center-tapped and secondary 11 ohms. DC resistance of primary is 20 ohms and secondary .9 ohms. Size: 3/4 x 5/8". Shpg. wt., 4 ozs. Imported TR-109 Net .89

100 MW TRANSISTOR DRIVER TRANSFORMER

Primary impedance 20,000 ohms. Secondary impedance 1000 ohms. DC resistance of primary 400 ohms, of secondary 50 ohms. Unbalanced primary current 1 ma DC. Rated 100 mw. Size: 3/4 x 5/8 x 5/8". Shpg. wt., 4 ozs. Imported TR-110 Net .89

SUBMINIATURE TRANSISTOR AUDIO TRANSFORMERS

ONLY 1/2" x 1/2" x 1/2"



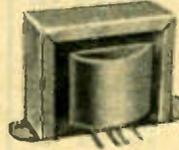
A new series of miniature transformers for transistor and experimental miniature circuits. Ideal for miniature radio receivers, amplifiers, hearing aids, etc., using standard transistors. Incorporate special heat-treated high permeability magnetic cores treated to resist corrosion. Designed for improved frequency response with low distortion. 3" color-coded leads. Average shpg. wt., 4 oz. Imported

ONLY 79c

| Stock No. | Circuit | Impedance | | D.C. Resistance | | Net |
|-----------|---------|-----------|-----------|-----------------|-----------|-----|
| | | Pri. Ohms | Sec. Ohms | Pri. Ohms | Sec. Ohms | |
| TR-97 | INPUT | 100,000 | 1000 | 1000 | 1000 | .79 |
| TR-98 | DRIVER | 10,000 | 2000 C.T. | 240 | 60 C.T. | .79 |
| TR-99 | OUTPUT | 500 C.T. | 3.2 | 42 C.T. | 0.7 | .79 |
| TR-120 | INPUT | 200,000 | 1000 | 1400 | 50.5 | .89 |
| TR-116 | OUTPUT | 500 C.T. | 8 | 50 C.T. | 1.7 | .79 |

MINIATURE TRANSISTOR TRANSFORMERS

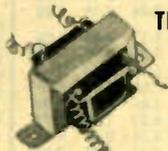
- TRULY MINIATURE—ONLY 3/4" x 5/8" x 5/8"
- MATCHES ANY 3.2 OHM SPEAKER
- EXCELLENT FOR RECEIVER REPLACEMENT TRANSISTOR OUTPUT
- TRANSISTOR OUTPUT TRANSFORMER



Here is an outstanding value in the most popular transistor output transformer for 3.2 ohm speakers—and an exact replacement for all commercial receivers using such a transformer. May be used either single ended or push-pull. Wound on nylon bobbins with mylar outer wrap with laminations on nickel-steel and silicone-steel. Rated power is 100 milliwatts. Primary impedance is 500 ohms center-tapped and secondary 3.2 ohms. DC resistance of primary is 20 ohms and secondary .3 ohms. Ideal for transistorized receivers, audio amplifiers. Code practice oscillators, etc. Color coded leads. Net wt., 1 1/4 oz. Shpg. wt., 4 oz. Imported TR-95 TRANSISTOR OUTPUT TRANSFORMER Net .89

TRANSISTOR DRIVER TRANSFORMER

Single-ended transformer for driving transistor power-stage. Impedances 10,000 ohms pri., 2000 ohm C.T. sec.; dc res. 500 ohms pri., 50 ohms sec. 1.5 ma. dc unbalanced pri. current. Rated 100 mw. 3/4" x 5/8" x 5/8". Shpg. wt., 4 oz. Imported TR-96 TRANSISTOR DRIVER TRANSFORMER Net .89

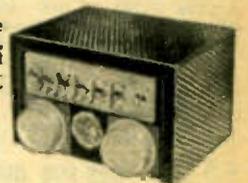


TRANSISTOR OUTPUT TRANSFORMER

Only 5/8" x 7/8" x 1 1/4". 2000 ohm primary to 10 ohm voice coil. Matches most transistor outputs. Shpg. wt., 8 ozs. TR-93 Imported Net .69

KUPFRIAN POWER SUPPLIES

Transistorized power supplies, to convert low voltage D.C. to high voltage D.C. or A.C. Instant starting, rugged, quiet. No vacuum tubes or moving parts. Excellent voltage regulation and 0.4% max. ripple over a temperature range of -55° to +60°C. Size 3 1/4" x 1 1/2" x 1 1/2" high; Attach to equipment by 4 threaded holes. Avg. shpg. wt., 2 lbs.



| Stock No. | Net Each | Input Volts | Output | | Current | Power |
|-----------|----------|-------------|--------------|------------|---------|-------|
| | | | Volts | Current | | |
| HE-811 | 49.00 | 6.3 VDC | 300/150 VDC | 165/330 MA | 50W | |
| HE-813 | 54.00 | 12.6 VDC | 300/150 VDC | 330/400 MA | 100W | |
| HE-815 | 54.00 | 12.6 VDC | 500/250 VDC | 200/400 MA | 100W | |
| HE-825 | 59.00 | 12.6 VDC | 600/300 VDC | 200/400 MA | 120W | |
| HE-827 | 71.00 | 12.6 VDC | 1000/500 VDC | 100/200 MA | 100W | |
| HE-821 | 59.00 | 12.6 VDC | 117 VAC | 60 Cycl. | 100W | |
| HE-829 | 96.00 | 12.6 VDC | 117 VAC | 60 Cycl. | 250W | |
| HE-823 | 57.00 | 12.6 VDC | 117 VAC | 400 Cycl. | 100W | |

INDUSTRIALS: Write for Quantity discounts.

UTC INDUSTRIAL AND HI FIDELITY TRANSFORMERS

UTC "DIT" AND "DOT" TRANSISTOR TRANSFORMERS

Metal cased, hermetically sealed to MIL-T-27A grade 4 specs.
 Uses: I—INTERSTAGE, O—OUTPUT, D—DRIVER, L—LINE TO LINE, X—ISOLATION. "DIT"
 SIZE: $\frac{3}{16}$ " Diam. x $\frac{1}{4}$ " L. Wt. = .05 oz. "DOT" SIZE: $\frac{3}{16}$ " Diam. x $\frac{1}{2}$ " L. Wt. 1/10 oz. Shpg. wt., 1oz

"DIT" TRANSFORMERS May Be Assorted

| STOCK NO. | UTC TYPE USE | MW LEVEL | PRIM IMP | SEC IMP | May Be Assorted | | |
|-----------|--------------|----------|------------------------------|----------------------|-----------------|----------|-----------|
| | | | | | 1-24 EA | 25-99 EA | 100-UP EA |
| 3TC-201 | DI-T1 | I | 50 20K/30K | 800/1200 | 5.88 | 5.10 | 4.80 |
| 3TC-22 | DI-T2 | O | 100 500/600 | 50/60 | 5.29 | 4.59 | 4.32 |
| 3TC-23 | DI-T3 | O | 100 1K/1200 | 50/60 | 5.29 | 4.59 | 4.32 |
| 3TC-202 | DI-T5 | O | 100 1200 | 3.2 | 5.29 | 4.59 | 4.32 |
| 3TC-25 | DI-T9 | O, D | 100 10K/12K | 500CT/600CT | 6.47 | 5.61 | 5.28 |
| 3TC-26 | DI-T10 | O | 100 10K/12,500 | 1200CT/1500CT | 6.47 | 5.61 | 5.28 |
| 3TC-27 | DI-T11 | O | 100 10K/12,500 | 2K CT/2500CT | 6.47 | 5.61 | 5.28 |
| 3TC-28 | DI-T19 | O | 500 300CT | 600 | 5.88 | 5.10 | 4.80 |
| 3TC-29 | DI-T20 | O, L | 500 500CT | 600 | 5.88 | 5.10 | 4.80 |
| 3TC-203 | DI-T21 | O | 500 900CT | 600 | 5.88 | 5.10 | 4.80 |
| 3TC-31 | DI-T23 | I | 100 20K CT/30K CT | 800CT/1200CT | 6.76 | 5.87 | 5.52 |
| 3TC-30 | DI-T22 | O | 500 1500CT/600 | 600/1500CT | 5.88 | 5.10 | 4.80 |
| 3TC-32 | DI-T25 | I | 100 10K CT/12K CT | 1500CT/1800CT | 7.06 | 6.12 | 5.76 |
| 3TC-36 | DI-T36 | I, X | 100 10K CT/12K CT | 10K CT/12K CT | 7.35 | 6.38 | 6.00 |
| 3TC-308 | DI-T37 | I, X | 100 2KCT/2500CT | 8K split/10K split | 7.64 | 6.63 | 6.24 |
| 3TC-309 | DI-T38 | I | 100 10KCT/12KCT | 2K split/2400K split | 7.64 | 6.63 | 6.24 |
| 3TC-310 | DI-T41 | I, O | 500 400CT/500CT | 400 split/500 split | 7.35 | 6.38 | 6.00 |
| 3TC-24 | DI-T8 | | Reactor, 2.5 HY @ 2 MADC | | 4.70 | 4.08 | 3.84 |
| 3TC-33 | DI-T26 | | Reactor, 4.5 HY @ 2 MADC | | 5.59 | 4.85 | 4.56 |
| 3TC-34 | DI-T27 | | Reactor, .9 HY @ 2 MADC | | 4.70 | 4.08 | 3.84 |
| 3TC-35 | DI-T28 | | Reactor, .1 HY @ 4 MADC | | 4.70 | 4.08 | 3.84 |
| 3TC-37 | DI-TSH | | Hiperm Shield For All "Dits" | | .88 | .77 | .72 |

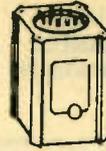
UTC "DOT" TRANSISTOR TRANSFORMERS

| STOCK NO. | UTC TYPE USE | MW LEVEL | PRIM IMP | SEC IMP | May Be Assorted | | |
|-----------|--------------|----------|------------------------------|---------------------|-----------------|----------|-----------|
| | | | | | 1-24 EA | 25-99 EA | 100-UP EA |
| 3TC-38 | DO-T1 | I | 50 20K/30K | 800/1200 | 5.88 | 5.10 | 4.80 |
| 3TC-39 | DO-T2 | O | 100 500/600 | 50/60 | 5.29 | 4.59 | 4.32 |
| 3TC-40 | DO-T3 | O | 100 1K/1200 | 50/60 | 5.29 | 4.59 | 4.32 |
| 3TC-41 | DO-T4 | O | 100 600 | 3.2 | 5.29 | 4.59 | 4.32 |
| 3TC-42 | DO-T5 | O | 100 1200 | 3.2 | 5.29 | 4.59 | 4.32 |
| 3TC-43 | DO-T6 | O | 100 10K | 3.2 | 5.88 | 5.10 | 4.80 |
| 3TC-44 | DO-T7 | O | 25 200K/500 | 1K/100K | 6.47 | 5.61 | 5.28 |
| 3TC-46 | DO-T9 | O, D | 100 10K/12K | 500CT/600CT | 6.47 | 5.61 | 5.28 |
| 3TC-47 | DO-T10 | O | 100 10K/12,500 | 1200CT/1500CT | 6.47 | 5.61 | 5.28 |
| 3TC-48 | DO-T11 | O | 100 10K/12,500 | 2K CT/2500CT | 6.47 | 5.61 | 5.28 |
| 3TC-49 | DO-T12 | O | 500 150CT/200CT | 12/16 | 5.59 | 4.85 | 4.56 |
| 3TC-50 | DO-T13 | O | 500 300CT/400CT | 12/16 | 5.59 | 4.85 | 4.56 |
| 3TC-51 | DO-T14 | O | 500 600CT/800CT | 12/16 | 5.88 | 5.10 | 4.80 |
| 3TC-52 | DO-T15 | O | 500 800CT/1070CT | 12/16 | 5.88 | 5.10 | 4.80 |
| 3TC-53 | DO-T16 | O | 500 1K CT/1330CT | 12/16 | 5.88 | 5.10 | 4.80 |
| 3TC-54 | DO-T17 | O | 500 1500CT/2K CT | 12/16 | 5.88 | 5.10 | 4.80 |
| 3TC-55 | DO-T18 | O | 500 750CT/10K CT | 12/16 | 6.17 | 5.36 | 5.04 |
| 3TC-56 | DO-T19 | O | 500 300CT | 600 | 5.88 | 5.10 | 4.80 |
| 3TC-57 | DO-T20 | O, L | 500 500CT | 600 | 5.88 | 5.10 | 4.80 |
| 3TC-58 | DO-T21 | O | 500 900CT | 600 | 5.88 | 5.10 | 4.80 |
| 3TC-59 | DO-T22 | O | 500 1500CT/600 | 600/1500CT | 5.88 | 5.10 | 4.80 |
| 3TC-60 | DO-T23 | I | 100 20 KCT/30 KCT | 800CT/1200CT | 6.76 | 5.87 | 5.52 |
| 3TC-61 | DO-T24 | 25 | 200KCT/500KCT | 1KCT/100KCT | 7.35 | 6.38 | 6.00 |
| 3TC-62 | DO-T25 | I | 100 10KCT/12KCT | 1500CT/1800CT | 7.06 | 6.12 | 5.76 |
| 3TC-66 | DO-T29 | O | 500 120CT/150CT | 3.2/4 | 5.59 | 4.85 | 4.56 |
| 3TC-67 | DO-T30 | O | 500 320CT/400CT | 3.2/4 | 5.59 | 4.85 | 4.56 |
| 3TC-68 | DO-T31 | O | 500 640CT/800CT | 3.2/4 | 5.88 | 5.10 | 4.80 |
| 3TC-69 | DO-T32 | O | 500 800CT/1KCT | 3.2/4 | 5.88 | 5.10 | 4.80 |
| 3TC-70 | DO-T33 | O | 500 1060CT/1330CT | 3.2/4 | 5.88 | 5.10 | 4.80 |
| 3TC-71 | DO-T34 | O | 500 1600CT/2KCT | 3.2/4 | 5.88 | 5.10 | 4.80 |
| 3TC-72 | DO-T35 | O | 100 8KCT/10KCT | 3.2/4 | 6.17 | 5.36 | 5.04 |
| 3TC-73 | DO-T36 | I, X | 100 10KCT/12KCT | 10KCT/12KCT | 7.35 | 6.38 | 6.00 |
| 3TC-204 | DO-T37 | I, X | 100 2KCT/2500CT | 10K SPLIT 8K SPLIT | 7.64 | 6.63 | 6.24 |
| 3TC-205 | DO-T38 | I | 100 10KCT/12KCT | 2400 SPLIT 2K SPLIT | 7.64 | 6.63 | 6.24 |
| 3TC-206 | DO-T39 | I | 100 20KCT/30KCT | 1500 SPLIT 1K SPLIT | 7.64 | 6.63 | 6.24 |
| 3TC-207 | DO-T40 | I | 50 40KCT/50KCT | 500 SPLIT 400 SPLIT | 8.23 | 7.14 | 6.72 |
| 3TC-208 | DO-T41 | I, O | 500 400CT/500CT | 500 SPLIT 400 SPLIT | 7.35 | 6.38 | 6.00 |
| 3TC-209 | DO-T42 | I | 500 400CT/500CT | 150 SPLIT 120 SPLIT | 7.35 | 6.38 | 6.00 |
| 3TC-210 | DO-T43 | I | 500 400CT/500CT | 50 SPLIT 40 SPLIT | 7.35 | 6.38 | 6.00 |
| 3TC-211 | DO-T44 | I | 500 80CT/100CT | 40 SPLIT 32 SPLIT | 7.35 | 6.38 | 6.00 |
| 3TC-311 | DO-T45 | I | 100 1KCT/1250CT | 16K split | 7.64 | 6.63 | 6.24 |
| 3TC-312 | DO-T46 | 25 | 100 KCT | 500 CT | 8.23 | 7.14 | 6.72 |
| 3TC-45 | DO-T8 | | Reactor, 3.5 HYS @ 2 MADC | | 4.70 | 4.08 | 3.84 |
| 3TC-63 | DO-T26 | | Reactor, 6 HYS @ 2 MADC | | 5.59 | 4.85 | 4.56 |
| 3TC-64 | DO-T27 | | Reactor, 1.25 HYS @ 2 MADC | | 4.70 | 4.08 | 3.84 |
| 3TC-65 | DO-T28 | | Reactor, .3 HYS @ 4 MADC | | 4.70 | 4.08 | 3.84 |
| 3TC-74 | DO-TSH | | Hiperm Shield For All "Dots" | | .88 | .77 | .72 |

SUB-SUB OUNCE PRINTED CIRCUIT MOLDED TYPE

All are +20 dbm 100 mw except * which is +7 dbm 5 mw. Usage code same as SSO types on facing page. Size $\frac{3}{4}$ "x $\frac{7}{8}$ "x $\frac{1}{2}$ ". Shpg. wt., 2 oz.

| Stock No. | UTC No. | USE | Pri. Imp. | MADC | Sec. Imp. | May Be Assorted | | |
|-----------|----------|-----|---------------|-------|-----------------|-----------------|----------|-----------|
| | | | | | | 1-24 EA | 25-99 EA | 100-UP EA |
| 3TC-313 | SSO-3P | P | 10K/25K | 3/1.5 | 200/500 | 7.94 | 6.89 | 6.48 |
| 3TC-314 | SSO-19P | O | 500 CT | 10 | 600 CT | 7.94 | 6.89 | 6.48 |
| 3TC-315 | SSO-21P* | CC | 200 KCT | 0 | 1 KCT | 8.23 | 7.14 | 6.72 |
| 3TC-316 | SSO-22P | I | 10 KCT/12 KCT | 4/4 | 1500 CT/1800 CT | 7.64 | 6.63 | 6.24 |



LS-1
LS-2
LS-3

LS LINEAR STANDARD TRANSFORMERS

Fulfill the most critical broadcast specifications. Each is guaranteed to meet or exceed the frequency response indicated. All have Hiperm-alloy cores, plus multiple section, interleaved windings in a semitoroidal coil structure. Minimum hum pickup is achieved by use of a high conductivity outer case and hum-balancing coil structure. Case Size and shpg. wt.,
 LS1— $3\frac{1}{2}$ "x $2\frac{3}{4}$ "x $3\frac{1}{4}$ "—4 lbs... LS2— $4\frac{1}{2}$ "x $3\frac{1}{2}$ "x $4\frac{3}{8}$ "—8 lbs... LS3— $5\frac{1}{2}$ "x $5\frac{1}{4}$ "x $\frac{1}{2}$ "—16 lbs.

LINEAR STANDARD OUTPUTS

± 1db 7-50,000 cps except † 10-50,000 for P.P. output tubes. LS-35 & LS-65 for class AB feedback with 43% and 40% screentap respectively. All in LS-2 cases except * in LS-3 case.

| Stock No. | UTC Type | Pri. Imp. | Sec. Imp. | Max. Watts | May Be Assorted | | |
|-----------|----------|--------------|------------------|------------|-----------------|----------|-----------|
| | | | | | 1-24 EA | 25-99 EA | 100 Up EA |
| 3TC-121 | LS-52 | 8000 | 500, 333, 250 | 20 | 23.52 | 20.40 | 19.20 |
| 3TC-123 | LS-55 | 5000, 3000 | 200, 125, 50, 30 | 20 | 23.52 | 20.40 | 19.20 |
| 3TC-125 | LS-58† | 2500, 1500 | 20, 15, 10, 7.5 | 40 | 55.86 | 48.45 | 45.80 |
| 3TC-126 | LS-61 | 10,000, 6000 | 5, 2.5, 1.2 | 20 | 23.52 | 20.40 | 19.20 |
| 3TC-108 | LS-6L1* | 9000 | | 30 | 35.28 | 30.60 | 28.80 |
| 3TC-122 | LS-54 | 8000 | 30, 20, 15 | 20 | 20.58 | 17.85 | 16.80 |
| 3TC-124 | LS-57 | 5000, 3000 | 10, 7.5, 5 | 20 | 20.58 | 17.85 | 16.80 |
| 3TC-127 | LS-63 | 10,000, 6000 | 2.5, 1.2 | 20 | 20.58 | 17.85 | 16.80 |
| 3TC-118 | LS-35* | 5000 CT | 4, 8, 16 | 35 | 23.52 | 20.40 | 19.20 |
| 3TC-128 | LS-65* | 3300 CT | 4, 8, 16 | 60 | 41.16 | 35.70 | 33.60 |

LINEAR STANDARD INTERSTAGE

For single plate to push-pull grids. Freq. response LS-19 20-20K ± 1DB; LS-21-10-20K. Max. level 100MW. *—SPLIT SEC. †—SPLIT PRI. AND SEC. Type LS-1 cases.

| Stock No. | UTC Type | Pri. Imp. | SEC. IMP AND RATIO | May Be Assorted | | |
|-----------|----------|-----------|-------------------------------|-----------------|----------|-----------|
| | | | | 1-24 EA | 25-99 EA | 100 Up EA |
| 3TC-113 | LS-19* | 15,000 | 95,000 Ohms: 1.25:1 ea. slide | 19.11 | 16.58 | 15.60 |
| 3TC-114 | LS-21† | 15,000 | 135,000 Ohms: 3:1 Overall | 23.52 | 20.40 | 19.20 |

LINEAR STANDARD LOW IMP. TO GRID AND MIXING

For low imp. mike, pickup or multiple line to push-pull grids or multiple line. All ± 1db 20-20,000 cps except * 7-50,000. Unbalanced DC in primary .5 MA except † is .3. Type LS-1 cases.

| Stock No. | UTC Type | Pri. Imp. | Sec. Imp. | Max. Rel. Lev. Num. | May Be Assorted | | |
|-----------|----------|---------------|--------------|---------------------|-----------------|----------|-----------|
| | | | | | 1-24 EA | 25-99 EA | 100 Up EA |
| 3TC-109 | LS-10 | | 6K-2 Sect | +19 -74 | 23.52 | 20.40 | 19.20 |
| 3TC-110 | LS-10X | 50, 125/150, | 50,000 | +17 -92 | 23.52 | 20.40 | 19.20 |
| 3TC-111 | LS-12 | 200, 250, 333 | 120K-2 Sect | +19 -74 | 26.46 | 22.95 | 21.60 |
| 3TC-112 | LS-12X | 500/600 | 80,000—Split | +17 -92 | 23.52 | 20.40 | 19.20 |
| 3TC-115 | LS-30* | OHMS | Same as Prim | +23 -74 | 23.52 | 20.40 | 19.20 |
| 3TC-116 | LS-30X† | | Same as Prim | +20 -92 | 26.46 | 22.95 | 21.60 |

LINEAR STANDARD PLATE TO LINE

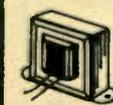
Type LS-50 for single plate, LS-51 for P.P. plate.
 Freq. ± 1DB 10-40,000 CPS Rel. hum — 74DB. Case Type LS-1

| Stock No. | UTC Type | Pri. Imp. | Sec. Imp. | Max. Level | May Be Assorted | | |
|-----------|----------|-----------|-------------------|------------|-----------------|----------|-----------|
| | | | | | 1-24 EA | 25-99 EA | 100 Up EA |
| 3TC-119 | LS-50 | 15,000 | 50, 125/150, 200 | 200 MW | 23.52 | 20.40 | 19.20 |
| 3TC-120 | LS-51 | 30,000 | 250, 333, 500/600 | 250 MW | 26.46 | 22.95 | 21.60 |

LINEAR STANDARD HIGH LEVEL MATCHING

UTC Type LS-33 high level matching transformer with primary impedances of 50, 125/150, 200, 250, 333, 500/600 ohms; secondary impedances 1.2, 2.5, 5, 7.5, 10, 15, 20, 30, 50, 125/150, 200, 250, 333, 500/600. Freq. response ± 1DB 10-40,000 cps Max. level 20 watts. Type LS-2 case.

| | | | | | |
|---------------|--|--|-----------------|-------------|-----------|
| TC-117 | | | Lots of 24 each | 23.52 | |
| Lots of 25-99 | | | ea. 20.40 | Lots 100 up | ea. 19.20 |



UTC CHANNEL FRAME FILAMENT TRANSISTOR TRANSFORMER

All have primary 115V 50/60 cycles — Test volts RMS: 1500, and center tapped secondary. Taps on Pri of FT-13, to modify Sec. Nominal V to ± 6% and + 12%.

| Stock No. | Type No. | Secondary Volts Amps | Dimens. W x O x H | Wt. Lbs. | May Be Assorted | | |
|-----------|----------|----------------------|---|----------------|-----------------|----------|-----------|
| | | | | | 1-24 EA | 25-99 EA | 100 Up EA |
| 3TC-273 | FT-1 | 2.5 3 | 2 $\frac{1}{2}$ "x $1\frac{1}{2}$ "x $1\frac{1}{8}$ " | $\frac{3}{4}$ | 2.79 | 2.42 | 2.28 |
| 3TC-274 | FT-2 | 6.3 1.2 | 2 $\frac{1}{2}$ "x $1\frac{1}{2}$ "x $1\frac{1}{8}$ " | $\frac{3}{4}$ | 3.09 | 2.68 | 2.52 |
| 3TC-275 | FT-3 | 2.5 6 | 3 $\frac{1}{2}$ "x $1\frac{7}{8}$ "x $2\frac{1}{2}$ " | 1 | 3.38 | 2.93 | 2.76 |
| 3TC-276 | FT-4 | 6.3 3 | 3 $\frac{1}{2}$ "x $1\frac{7}{8}$ "x $2\frac{1}{2}$ " | 1 | 3.38 | 2.93 | 2.76 |
| 3TC-277 | FT-5 | 2.5 10 | 3 $\frac{3}{4}$ "x $2\frac{1}{2}$ "x $2\frac{3}{8}$ " | $1\frac{1}{2}$ | 3.82 | 3.32 | 3.12 |
| 3TC-278 | FT-6 | 5 3 | 3 $\frac{3}{4}$ "x $2\frac{1}{2}$ "x $2\frac{3}{8}$ " | $1\frac{1}{2}$ | 3.97 | 3.44 | 3.24 |
| 3TC-279 | FT-7 | 7.5 3 | 3 $\frac{3}{4}$ "x $2\frac{1}{2}$ "x $2\frac{3}{8}$ " | $1\frac{1}{2}$ | 3.97 | 3.44 | 3.24 |
| 3TC-280 | FT-8 | 6.3 8 | 4 $\frac{1}{2}$ "x $2\frac{1}{2}$ "x | | | | |

UTC TRANSFORMERS



UTC ULTRA COMPACT AUDIO UNITS

The UTC Ultra compact audio units are high fidelity units, small and light in weight, ideally suited to remote amplifier and similar compact equipment. Case size 1 1/2x1 1/2x2" H. Shpg. wt., 3/4 lbs.

INPUT TRANSFORMERS

All are ±2DB from 20-20,000 cps except A-20 is 10-50,000 cps and A-21 is 30-30,000 cps. Max. level +15 dbm on all except A-11 is +5 dbm, A-39 is +10 dbm. * indicates multiple alloy shield. † indicates high electrostatic shielding.

| Stock No. | Type No. | Primary Imp. | Secondary Imp. | May Be Assorted | | |
|-----------|----------|-----------------|------------------|-----------------|-----------|------------|
| | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-250 | A-10 | 50, 125/150, | 50,000 (Split) | 12.94 | 11.22 | 10.56 |
| 3TC-251 | A-12 | 200/250, 333 | 80,000 (Split) | 11.76 | 10.20 | 9.60 |
| 3TC-252 | A-20† | 500/600 | Same as primary | 14.11 | 12.24 | 11.52 |
| 3TC-253 | A-11* | 50, 200, 500 | 50,000 CT | 11.76 | 10.20 | 9.60 |
| 3TC-254 | A-21*† | 50, 200/250 | 50,250/500 | 11.76 | 10.20 | 9.60 |
| | | 500/600 | 500/600 | | | |
| 3TC-255 | A-39* | 600/150 (Split) | 2000/500 (Split) | 10.88 | 9.44 | 8.88 |

INTERSTAGE AND OUTPUT TRANSFORMERS

All are +2db from 40-20,000 cps except † which is 30-20,000 cps. † is 20-20,000 cps * is 20-40,000 cps. Max Level is 1 Watt except † which is 30 MW.

| Stock No. | Type No. | Primary Imp. | Secondary Imp. | May Be Assorted | | |
|-----------|----------|---------------------|------------------|-----------------|-----------|------------|
| | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-256 | A-15 | 10,000/2500 (Split) | 2000/500 (Split) | 9.70 | 8.42 | 7.92 |
| 3TC-257 | A-16▲† | 15,000 | 60,000 | 9.70 | 8.42 | 7.92 |
| 3TC-258 | A-18▲† | 15,000 (Split) | 80,000 (Split) | 11.76 | 10.20 | 9.60 |
| 3TC-259 | A-19† | 15,000 | 80,000 (Split) | 11.76 | 10.20 | 9.60 |
| 3TC-260 | A-22 | 500 CT | 500/125 (Split) | 9.70 | 8.42 | 7.92 |
| 3TC-261 | A-23 | 500 CT | 16/4 (Split) | 9.70 | 8.42 | 7.92 |
| 3TC-262 | A-24*† | 15,000 (Split) | 50, 125/150 | 12.64 | 10.97 | 10.32 |
| 3TC-263 | A-25† | 15,000 | 200/250, 333 | 11.76 | 10.20 | 9.60 |
| 3TC-264 | A-26*† | 30,000 (Split) | 500/600 | 12.94 | 11.22 | 10.56 |
| 3TC-265 | A-34† | 25,000/6250 (Split) | 500/125 (Split) | 10.00 | 8.67 | 8.16 |
| 3TC-266 | A-35† | 10,000/2500 (Split) | 500/125 (Split) | 9.70 | 8.42 | 7.92 |
| 3TC-267 | A-36 | 500/125 (Split) | 150/37.5 (Split) | 9.41 | 8.16 | 7.68 |
| 3TC-268 | A-37 | 500/125 (Split) | 50/12.5 (Split) | 9.41 | 8.16 | 7.68 |
| 3TC-269 | A-38 | 100/25 (Split) | 40/10 (Split) | 9.11 | 7.91 | 7.44 |
| 3TC-272 | A-33 | Hiper alloy shield | | 2.65 | 2.30 | 2.16 |

MINIATURE WIDE APPLICATION PULSE TRANSFORMERS

Highly reliable wound core pulse transformer. Hermetically sealed by vacuum molding, usable from -70°C to +130°C. Width micro-sec indicates both blocking oscillator and coupling characteristics. Av. shpg. wt., 2 oz.

| Stock No. | Mfr. No. | Pri. Ohms | Sec. Ohms | Tert. Ohms | Imp. In. Out. Ohms | Width μSec. | Size | May Be Assorted | | |
|-----------|----------|-----------|-----------|------------|--------------------|-------------|----------|-----------------|-----------|------------|
| | | | | | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-289 | H-45 | 3 | 3.5 | 4 | 250 | 0.05 | 3/8x3/8" | 6.61 | 5.75 | 5.40 |
| 3TC-290 | H-46 | 5.5 | 6.5 | 7 | 250 | .10 | 3/8x3/8" | 6.61 | 5.75 | 5.40 |
| 3TC-291 | H-47 | 3.7 | 4.0 | 4 | 500 | .20 | 1/2x1/2" | 5.88 | 5.10 | 4.80 |
| 3TC-292 | H-48 | 5.5 | 5.8 | 6 | 500 | .50 | 1/2x1/2" | 5.88 | 5.10 | 4.80 |
| 3TC-293 | H-49 | 8 | 8.5 | 9 | 500 | 1 | 1/2x1/2" | 5.88 | 5.10 | 4.80 |
| 3TC-294 | H-50 | 20 | 21 | 22 | 500 | 2 | 1/2x1/2" | 5.88 | 5.10 | 4.80 |
| 3TC-295 | H-51 | 28 | 31 | 33 | 500 | 3 | 1/2x1/2" | 5.88 | 5.10 | 4.80 |
| 3TC-296 | H-52 | 36 | 41 | 44 | 1000 | 5 | 1/2x1/2" | 5.88 | 5.10 | 4.80 |
| 3TC-297 | H-53 | 37 | 44 | 49 | 1000 | 7 | 1/2x1/2" | 5.88 | 5.10 | 4.80 |
| 3TC-298 | H-54 | 50 | 58 | 67 | 1000 | 10 | 1/2x1/2" | 6.17 | 5.36 | 5.04 |
| 3TC-299 | H-55 | 78 | 96 | 112 | 1000 | 16 | 1/2x1/2" | 6.17 | 5.36 | 5.04 |
| 3TC-300 | H-56 | 93 | 116 | 138 | 1000 | 20 | 1/2x1/2" | 6.17 | 5.36 | 5.04 |
| 3TC-301 | H-57 | 104 | 135 | 165 | 1000 | 25 | 1/2x1/2" | 6.17 | 5.36 | 5.04 |

UTC SUB-UNCERS

"Construction" and "Use" column same as sub-sub uncers listed on this page. Size 3/8x3/8". Weight 1/2 oz. Max. level SO-1 + 10 dbm, SO-2 100 MW, SO-3 thru SO-8 200 MW, others 250 MW. Shpg. wt., 2 oz.

| Stock No. | UTC Type | USE | PRIM IMP | MADC | SEC IMP | May Be Assorted | | |
|-----------|----------|----------------------------|-------------|-------|---------------------|-----------------|-----------|------------|
| | | | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-153 | SO-1 | A | 200/50 | 0 | 250K/62.5K | 3.53 | 3.06 | 2.88 |
| 3TC-154 | SO-2 | I | 10K | 0.25 | 90K | 3.23 | 2.81 | 2.64 |
| 3TC-155 | SO-3 | P | 10K/25K | 3/1.5 | 200/500 | 3.23 | 2.81 | 2.64 |
| 3TC-156 | SO-4 | O | 30K | 1.0 | 50 | 3.23 | 2.81 | 2.64 |
| 3TC-158 | SO-6 | O | 100K | .5 | 60 | 3.82 | 3.32 | 3.12 |
| 3TC-159 | SO-7 | TI | 20K/30K | .5/.5 | 800/1200 | 2.94 | 2.55 | 2.40 |
| 3TC-160 | SO-8 | TP | 10K | 1 | 2000CT | 3.53 | 3.06 | 2.88 |
| 3TC-161 | SO-9 | TV | 500CT | 0 | 3.2 | 3.53 | 3.06 | 2.88 |
| 3TC-162 | SO-10 | TV | 2KCT/4KCT | 4/2 | 8/16 | 3.53 | 3.06 | 2.88 |
| 3TC-235 | SO-11 | TI | 400CT/500CT | 8 | 400 SPLIT/500 SPLIT | 4.12 | 3.57 | 3.36 |
| 3TC-236 | SO-12 | TI | 400CT/500CT | 8 | 120 SPLIT/150 SPLIT | 4.12 | 3.57 | 3.36 |
| 3TC-237 | SO-13 | TI | 400CT/500CT | 8 | 40 SPLIT/ 50 SPLIT | 4.12 | 3.57 | 3.36 |
| 3TC-238 | SO-14 | TI | 80CT/100CT | 16 | 32 SPLIT/ 40 SPLIT | 4.12 | 3.57 | 3.36 |
| 3TC-157 | SO-5 | Reactor, 50 Hy @ 1 MA | 2675 OHMS | | | 2.94 | 2.55 | 2.40 |
| 3TC-317 | SO-CH | Mounting Channel for above | | | | .30 | .26 | .24 |

SUB-UNCER PRINTED CIRCUIT MOLDED TYPE

All are 200 mw except SO-2P, 100 mw; SO-9P, 250 mw. Size: 3/8x1x3/8" Shpg. wt., 2 oz.

| Stock No. | UTC Type | USE | PRIM IMP | MADC | SEC IMP | May Be Assorted | | |
|-----------|----------|-----|----------|-------|----------|-----------------|-----------|------------|
| | | | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-302 | SO-2P | I | 10K | 0.25 | 90K | 7.35 | 6.38 | 6.00 |
| 3TC-303 | SO-3P | P | 10K/25K | 3/1.5 | 200/500 | 7.35 | 6.38 | 6.00 |
| 3TC-304 | SO-7P | TI | 20K/30K | .5/.5 | 800/1200 | 7.06 | 6.12 | 4.80 |
| 3TC-305 | SO-8P | TP | 10K | 1 | 2KCT | 7.64 | 6.63 | 5.20 |
| 3TC-306 | SO-9P | TV | 500CT | 0 | 3.2 | 7.64 | 6.63 | 5.20 |

UTC DUNCER AUDIO UNITS

Weigh only 1 oz. Fully impregnated and sealed. 7/8" DIAM. x 1 1/4" H. Shpg. wt., 4 oz.

INPUT AND MIXING UNICERS

Freq. response 30-20,000 CPS ± 1 DB except * is 50-5000. Max. level dbm + 8 except ▲ is + 15.

| Stock NO. | UTC TYPE | PRIMARY IMP | SEC IMPED | May Be Assorted | | |
|-----------|----------|--------------------|--------------------|-----------------|-----------|------------|
| | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-129 | O-1 | 50/200/250/500/600 | 50,000 | 7.64 | 6.63 | 6.24 |
| 3TC-130 | O-2 | 50/200/250/500/600 | 50,000CT | 7.64 | 6.63 | 6.24 |
| 3TC-131 | O-3 | 7.5/30 | 50,000 | 7.35 | 6.38 | 6.00 |
| 3TC-139 | O-11 | 50,000 | 50/200/250/500/600 | 7.84 | 6.63 | 6.24 |
| 3TC-140 | O-12 | 50,200/250 | 50/200/250/500/600 | 7.64 | 6.63 | 6.24 |
| 3TC-142 | O-14* | 200 | 1/2 Megohm | 7.35 | 6.38 | 6.00 |
| 3TC-144 | O-16 | 250CT | 50,000 | 10.00 | 8.67 | 8.16 |
| 3TC-226 | O-25▲ | 600/150 SPLIT | 2000/500 SPLIT | 7.94 | 6.69 | 6.48 |

INTERSTAGE UNCERS

Freq. response ± 1 DB types O-4 and O-6 = 30-20K; O-5 and O-7 = 200-10K; O-15 = 100-3K; all others 100-20K. Max. level MW types O-4 thru O-15 is 6.3; types O-18 thru O-30 is 100; others 1 watt at 200 cycles. 1/4W at 100 cycles.

| Stock NO. | UTC TYPE | PRIMARY IMP UNBAL. MADC | SEC IMP | May Be Assorted | | |
|-----------|----------|-------------------------|----------------|-----------------|-----------|------------|
| | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-132 | O-4 | 15,000 | 60,000 | 6.47 | 5.61 | 5.28 |
| 3TC-133 | O-5 | 15,000, 4MA | 60,000 | 6.47 | 5.61 | 5.28 |
| 3TC-134 | O-6 | 15,000 | 95,000CT | 7.35 | 6.38 | 6.00 |
| 3TC-135 | O-7 | 15,000, 4MA | 95,000CT | 7.35 | 6.38 | 6.00 |
| 3TC-143 | O-15 | 15,000 | 1 MEG | 7.35 | 6.38 | 6.00 |
| 3TC-146 | O-18 | 10K/2.5K SPLIT, 4MA | 2000/500 SPLIT | 7.64 | 6.63 | 6.24 |
| 3TC-147 | O-19 | 10K/2.5K SPLIT, 4MA | 4K/1K SPLIT | 7.64 | 6.63 | 6.24 |
| 3TC-227 | O-26 | 10,000CT, 4MA | 10,000CT, 4MA | 7.94 | 6.89 | 6.48 |
| 3TC-228 | O-27 | 10,000CT, 4MA | 500/125 SPLIT | 8.23 | 7.14 | 6.72 |
| 3TC-229 | O-28 | 50,000CT, 2MA | 500/125 SPLIT | 8.23 | 7.14 | 6.72 |
| 3TC-230 | O-29 | 100,000CT, 1MA | 500/125 SPLIT | 8.53 | 7.40 | 6.96 |
| 3TC-231 | O-30 | 500/125 SPLIT, 20MA | 500/125 SPLIT | 7.94 | 6.89 | 6.48 |
| 3TC-232 | O-31 | 500/125 SPLIT, 20MA | 150/37.5 SPLIT | 7.94 | 6.89 | 6.48 |
| 3TC-233 | O-32 | 500/125 SPLIT, 20MA | 50/12.5 SPLIT | 7.94 | 6.89 | 6.48 |
| 3TC-234 | O-33 | 100/25 SPLIT, 40MA | 40/10 SPLIT | 7.94 | 6.89 | 6.48 |

OUTPUT UNCERS

Freq. response ± 1 DB 100-20K except * is 30-20K and O-9 is 200-10K. Max. level MW 6.3 except † is 100 and O-22 is 1W at 200 cycles.

| Stock NO. | UTC TYPE | PRIMARY IMP UNBAL. MADC | SEC IMP | May Be Assorted | | |
|-----------|----------|-------------------------|--------------------|-----------------|-----------|------------|
| | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-136 | O-8* | 15,000 | 50/200/250/500/600 | 7.64 | 6.63 | 6.24 |
| 3TC-137 | O-9 | 15,000, 4MA | 50,200/250,500/600 | 7.64 | 6.63 | 6.24 |
| 3TC-138 | O-10* | 30,000CT | 50,200/250,500/600 | 8.23 | 7.14 | 6.72 |
| 3TC-148 | O-20† | 1500CT, 8MA | 500/125 SPLIT | 8.17 | 5.36 | 5.04 |
| 3TC-149 | O-21† | 2KCT, 4MA; 4KCT | 8/16 | 5.29 | 4.59 | 4.32 |
| 3TC-150 | O-22 | 400CT, 20MA; 500CT | 3/2/4 | 5.29 | 4.59 | 4.32 |

REACTORS

| Stock NO. | UTC TYPE | DESCRIPTION | May Be Assorted | | |
|-----------|----------|--|-----------------|-----------|------------|
| | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-141 | O-13 | 300 Hys. @ 0 D.C.; 50 Hys. @ 3 MADC; 6000 Ohms | 6.17 | 5.36 | 5.04 |
| 3TC-151 | O-23 | 7 Hys. @ 3 MADC; 3.5 Hys. @ 10 MADC; 230 Ohms | 5.00 | 4.34 | 4.08 |
| 3TC-152 | O-24 | 1.6 Hys. @ 3 MADC; 8 Hys. @ 10 MADC; 25 Ohms | 5.00 | 4.34 | 4.08 |

SHIELD

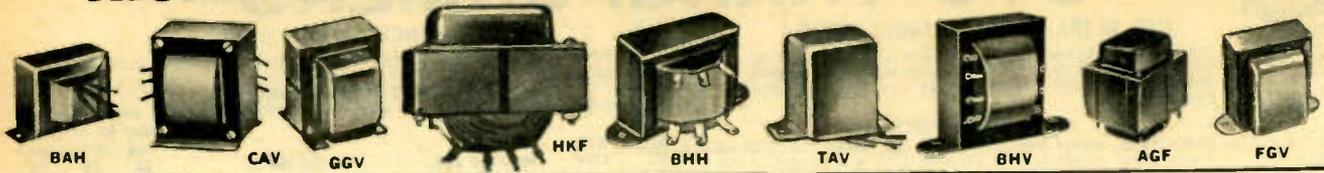
3TC-145 Type O-17 Hiper Shield for 25 DB shielding 1.47 1.28 1.20

UTC SUB-SUB UNCERS

All double sealed (water-proof), weigh 1/2 oz. Size 3/8x3/8". Use A—INPUT, I—INTERSTAGE, P—plate to line, O—output, TI—Transistor Inter-stage, TP—transistor to PP sec, TV—Trans. to V.C., TO—trans. output, CT—crystal to trans., D—driver, CC—crystal chopper. Max. level 100 MW except * is 5 mw and ▲ is 30 MW. Primary MADC is UNBALANCED. Shpg. wt., 2 oz.

| Stock NO. | UTC TYPE | USE | IMPED | PRIMARY MADC | SEC IMP | May Be Assorted | | |
|-----------|----------|-----|---------|--------------|------------|-----------------|-----------|------------|
| | | | | | | 1-24 Ea. | 25-99 Ea. | 100-Up Ea. |
| 3TC-163 | SSO-1* | A | 200/50 | 0 | 250K/62.5K | 4.41 | 3.83 | 3.60 |
| 3TC-164 | SSO-2▲ | I | 10K | 0.25 | 90K | 4.70 | 4.08 | 3.84 |
| 3TC-165 | SSO-3 | P | 10K/25K | 3/1.5 | 200/500 | 4.12 | 3.57 | 3.36 |
| 3TC-166 | SSO-4 | O | 30K | 1.0 | 50 | 3.82 | 3.32 | 3.12 |
| 3TC-168 | SSO-6 | O | 100K | .5 | 60 | 4.12 | 3.57 | |

THORDARSON TELEVISION AND AUDIO TRANSFORMERS



ATTENTION INDUSTRIAL BUYERS

WRITE, WIRE OR PHONE OUR INDUSTRIAL DIVISION FOR PRICES IN LARGER QUANTITIES.

FILAMENT TRANSFORMERS

All primaries are 117 Volt 50/60 cycle except * which is 6.3V.

| Stock No. | Thord No. | Mtg. Type | Secondary | | Insul. | Shgp. Wt. Lbs. | Net Each | |
|-----------|-----------|-----------|-----------|------|--------|----------------|----------|-------|
| | | | Volts | Amps | | | 1-9 | 10-24 |
| TB-36 | 21F03 | BAV | 5 CT | 3.0 | 2500 | 1.0 | 4.46 | 4.10 |
| TB-38 | 21F08 | BAV | 6.3 CT | 1.0 | 2500 | 1.0 | 2.20 | 2.03 |
| TB-39 | 21F09 | BAH | 6.3 CT | 1.2 | 2500 | 1.0 | 2.20 | 2.03 |
| TB-40 | 21F10 | BAH | 6.3 CT | 3.0 | 2500 | 1.25 | 3.56 | 3.27 |
| TB-41 | 21F11 | CAV | 6.3 CT | 6.0 | 2500 | 2.75 | 5.19 | 4.77 |
| TB-42 | 21F12 | CAV | 6.3 CT | 10 | 2500 | 3.25 | 6.60 | 6.07 |
| TB-43 | 21F27 | BAH | 26.5 CT | .6 | 3000 | 1.25 | 4.10 | 3.76 |
| TB-48 | 26F60 | BAH | 6.3 | 1.2 | 5000 | 1.25 | 2.89 | 2.65 |
| TB-49 | 26F61 | BAH | 5 CT | 3.0 | 2500 | 2.5 | 8.20 | 7.53 |
| | | | 6.3 | 3.6 | 2500 | | | |
| TB-50 | 26F63 | BAV | 6.3 | 3.0 | 5000 | 2.0 | 5.82 | 5.34 |
| | | | 6.3 | 3.0 | 5000 | | | |
| TB-52 | 26F65* | BAH | 6.3 | 1.2 | 5000 | 1.25 | 3.12 | 2.86 |
| TB-53 | 26F67 | BAH | 12.6 CT | 2.0 | 2500 | 1.0 | 3.60 | 3.30 |
| TB-54 | 26F69 | HKF | 6.3 | 3 | 2500 | 3.0 | 7.05 | 6.47 |
| | | | 6.3 | 6 | | | | |
| TB-45 | 21F34 | BAH | 2.5 CT | 1.5 | 2500 | .7 | 2.89 | 2.65 |
| TB-46 | 21F35 | BAH | 2.5 CT | 2.5 | 2500 | .7 | 3.15 | 2.89 |
| TB-34 | 21F01 | BAV | 2.5 CT | 10 | 2500 | 1.5 | 4.97 | 4.57 |
| TB-35 | 21F02 | CAV | 2.5 CT | 10 | 10000 | 2.75 | 6.92 | 6.35 |
| TB-37 | 21F06 | CAV | 5.0 CT | 13 | 2500 | 3.25 | 8.59 | 7.89 |
| TB-47 | 21F40 | BAV | 6.3 CT | 3 | 2500 | 1.0 | 3.77 | 3.46 |
| TB-33 | 21F00 | BAV | 2.5 CT | 5 | 2500 | 1.0 | 3.15 | 2.89 |
| TB-44 | 21F31 | BAV | 2.5 CT | 5 | 7500 | 1.5 | 3.98 | 3.66 |

FILTER CHOKES

All chokes are BAH mounting type except * ones which are mounting type GGV.

| Stock No. | Thord No. | Hys. | Ma | Ohms | Size | Lbs. | Net Each | |
|-----------|-----------|------|-----|------|----------|------|----------|-------|
| | | | | | | | 1-9 | 10-24 |
| TB-23 | 20C49 | 5 | 150 | 58 | 2½x2½x4 | 2.5 | 4.47 | 4.11 |
| | | 4.5 | 200 | | | | | |
| | | 4 | 250 | | | | | |
| TB-24 | 20C53 | 17 | 60 | 375 | 2x2½x3¼ | 1.5 | 2.77 | 2.52 |
| | | 12 | 80 | | | | | |
| | | 8 | 100 | | | | | |
| TB-25 | 20C54* | 12 | 100 | 145 | 3½x2½x2½ | 3.0 | 4.86 | 4.46 |
| | | 8 | 150 | | | | | |
| | | 4 | 200 | | | | | |
| TB-26 | 20C55* | 9 | 150 | 75 | 3½x2½x3¼ | 3.5 | 6.22 | 5.72 |
| | | 6 | 200 | | | | | |
| | | 2 | 300 | | | | | |
| TB-28 | 26C41 | 1.5 | 200 | 90 | 1½x1½x2½ | 0.7 | 1.89 | 1.74 |
| TB-29 | 26C42 | 4.2 | 50 | 200 | 1½x1½x2½ | 0.5 | 1.71 | 1.58 |
| TB-30 | 26C43 | 2 | 200 | 50 | 2½x3x3½ | 1.0 | 3.05 | 2.83 |
| TB-31 | 26C44 | 1 | 300 | 60 | 2x2½x3½ | 1.5 | 3.52 | 3.23 |
| TB-32 | 26C45* | 10 | 200 | 140 | 3½x2½x4½ | 4.9 | 7.62 | 7.00 |

AUDIO INPUT TRANSFORMERS

20A00 electrostatic shielded. *Response, 250-3500 cps. †Response, 60-7500 cps; hum-bucking construction. All Fig. BAH except 20A01, Fig. FGV. Av. Shgp. wt., 1 lb.

| Stock No. | Thord No. | Turns Ratio | Application | Mtg. Ctrs., in. | Net Each | |
|-----------|-----------|-------------|---------------------------------|-----------------|----------|-------|
| | | | | | 1-9 | 10-24 |
| TB-10 | *20A00 | 1:10 | Line or mic to sgl. or PP grids | 2 | 3.77 | 3.47 |
| TB-11 | †20A01 | 1:20 | Line or mic to sgl. grid | 2½ | 4.90 | 4.50 |
| TB-12 | *20A04 | 1:80 | Voice coil or mic to grid | 2 | 2.12 | 1.94 |
| TB-13 | 20A10 | 1:20 | Line or mic to sgl. grid | 2½ | 4.55 | 4.18 |

UNIVERSAL LINE-TO-VOICE COIL

Fig. BHH. Secondary taps marked with impedance values. *Also marked for 70 v. power distribution service.

| Stock No. | Thord No. | Primary Impedance | Sec. Imp. | Watts | Wt. Lbs. | Net Each | |
|-----------|-----------|-------------------|------------|-------|----------|----------|-------|
| | | | | | | 1-9 | 10-24 |
| TB-68 | 22S80 | 500, 600 | | 8 | 2½ | 4.87 | 4.47 |
| TB-69 | 22S82 | 2000/1500 | | 25 | 2½ | 5.66 | 5.20 |
| TB-70 | 22S83 | 1000/500 | 3.2, 8, 16 | 15 | 2½ | 4.72 | 4.34 |
| TB-86 | 24S66 | 2000, 1500 | 3.2, 8 | 10 | 1½ | 3.12 | 2.89 |
| | | 1000, 500 | | | | | |
| TB-85 | 24S62* | 3000, 2500 | | | | | |
| | | 2000, 1500 | | | | | |
| | | 1000, 500 | .06—48 | 25 | 2½ | 6.16 | 5.66 |

ECONOMY "24" POWER TRANSFORMERS

Types ending with U are for upright mounting Fig. GGV. Others have adjustable brackets to allow flush, vertical or horizontal mounting Fig. AGF. All have 110-120 volt 50-60 cycle primaries. Fil. 1 windings are CT. **All plate windings are center-tapped.

| Stock No. | Thord No. | Plate | | Rect. | | Fil. 1 | | Mtg. Ctrs., in. | Wt. Lbs. | Net Each | |
|-----------|-----------|-------|-----|-------|---|--------|-----|-----------------|----------|----------|-------|
| | | V** | MA | V | A | V | A | | | 1-9 | 10-24 |
| TB-55 | 24R00 | 480 | 40 | 5 | 2 | 6.3 | 2.0 | 2x2½ | 2 | 6.05 | 5.55 |
| TB-51 | 24R00-U | 480 | 40 | 5 | 2 | 6.3 | 2.0 | 2x1½ | 2 | 5.79 | 5.32 |
| TB-56 | 24R01 | 650 | 40 | 5 | 2 | 6.3 | 2.0 | 2x2½ | 2½ | 6.04 | 5.54 |
| TB-62 | 24R01-U | 650 | 40 | 5 | 2 | 6.3 | 2.0 | 2x1½ | 2½ | 6.04 | 5.54 |
| TB-57 | 24R02 | 700 | 70 | 5 | 2 | 6.3 | 2.5 | 2½x2½ | 4 | 7.87 | 7.23 |
| TB-58 | 24R04 | 700 | 90 | 5 | 3 | 6.3 | 3.5 | 2½x2½ | 4¼ | 8.03 | 7.37 |
| TB-63 | 24R04-U | 700 | 90 | 5 | 3 | 6.3 | 3.5 | 2½x2½ | 4¼ | 8.03 | 7.37 |
| TB-59 | 24R05 | 700 | 120 | 5 | 3 | 6.3 | 4.7 | 2½x3½ | 5¾ | 9.25 | 8.50 |
| TB-64 | 24R05-U | 700 | 120 | 5 | 3 | 6.3 | 4.7 | 2½x2½ | 5¾ | 9.25 | 8.50 |
| TB-60 | 24R06 | 750 | 150 | 5 | 3 | 6.3 | 4.7 | 2½x3½ | 6½ | 13.15 | 12.08 |
| TB-71 | 24R06-U | 750 | 150 | 5 | 3 | 6.3 | 4.7 | 2½x2½ | 6½ | 12.61 | 11.58 |
| TB-61 | 24R07 | 800 | 200 | 5 | 3 | 6.3 | 5.0 | 3x3¼ | 9½ | 13.05 | 12.08 |
| TB-72 | 24R07-U | 800 | 200 | 5 | 3 | 6.3 | 5.0 | 3x3¼ | 9½ | 13.05 | 12.08 |

UNIVERSAL AUDIO OUTPUT

| Stock No. | Thord No. | Primary Impedance | Sec IMP | Watts | Mtg. Type | Mtg. Ctrs. | Wt. Lbs. | Net Each | |
|-----------|-----------|--------------------------------|---------|-------|-----------|------------|----------|----------|-------|
| | | | | | | | | 1-9 | 10-24 |
| TB-83 | 24S60 | 4000/7000/8000/10000/14000 CT. | .1-30 | 4 | BHH | 2 | ½ | 2.83 | 2.60 |
| TB-84 | 24S61 | Same as above | .1-30 | 8 | BHH | 2½ | 1 | 2.83 | 2.60 |
| TB-87 | 26S46 | Same as above | .1-30 | 18 | BHV | 2½ | 1½ | 4.26 | 3.91 |
| TB-73 | 22S87 | 2000/3500/8000/14000 CT. | 3.5/8 | 6 | BAH | 2½ | ¾ | 4.40 | 4.04 |
| TB-74 | 22S88 | Same as above | 3.5/8 | 8 | BAH | 2½ | 1 | 4.40 | 4.04 |
| TB-27 | 22S62 | 1500/2000/2500/3000/4000 CT. | .1-30 | 8 | BHH | 2½ | 1¼ | 4.34 | 3.99 |
| TB-67 | 22S60 | 2500/4000 CT. | 3.5/8 | 10 | BAH | 2½ | 1¼ | 4.28 | 3.93 |
| TB-66 | 22S58 | 5000/7000 CT. | 3.5/8 | 10 | BAH | 2½ | 1¼ | 3.45 | 3.17 |
| TB-65 | 22S56 | 8000/10000 CT. | 3.5/8 | 10 | BAH | 2½ | 1¼ | 3.45 | 3.17 |

FIXED AUDIO OUTPUT

Units marked * are humbucking with 3% and 6% taps. All are BAH-BAV mounting types and have 3.2 ohms secondary. 26S59 also has 8 and 16 ohm secondary.

| Stock No. | Thord No. | Pri. Imp. | Watts | Mtg. Ctrs. | Wt. Lbs. | Net Each | |
|-----------|-----------|-------------|-------|------------|----------|----------|-------|
| | | | | | | 1-9 | 10-24 |
| TB-77 | 24S48 | 4000-5000 | 5 | 1½ | ½ | 1.43 | 1.31 |
| TB-78 | 24S49 | 7000-8000 | 5 | 1½ | ½ | 1.43 | 1.31 |
| TB-79 | 24S50 | 2000 | 5 | 2 | ½ | 1.55 | 1.42 |
| TB-20 | 24S50A* | 2000 | 5 | 2 | ½ | 2.20 | 2.03 |
| TB-80 | 24S51 | 5000 | 5 | 2 | ½ | 1.55 | 1.42 |
| TB-21 | 24S51A* | 5000 | 5 | 2 | ½ | 2.36 | 2.17 |
| TB-81 | 24S52 | 7000-10000 | 5 | 2 | ½ | 1.60 | 1.47 |
| TB-82 | 24S54 | 15000-25000 | 5 | 2 | ½ | 1.71 | 1.58 |
| TB-86 | 26S47 | 14000 CT. | 12 | 2½ | 1 | 2.99 | 2.75 |
| TB-89 | 26S48 | 7000 | 8 | 2½ | ¾ | 2.52 | 2.31 |
| TB-90 | 26S49 | 5000 | 8 | 2½ | ¾ | 2.20 | 2.03 |
| TB-91 | 26S50 | 3500 | 8 | 2½ | ¾ | 2.52 | 2.31 |
| TB-92 | 26S58 | 2500 | 3 | 1½ | ½ | 1.70 | 1.56 |
| TB-93 | 26S59 | 10000 CT. | 10 | 2½ | 1 | 3.30 | 3.03 |

AUDIO INTERSTAGE TRANSFORMERS

Primary current, 8 ma. All Fig. BAH except 20A23 Fig. FGV and 20A29, Fig. BAH. Av. Shgp. wt., 1¼ lbs.

| Stock No. | Thord No. | Turns Ratio | Application | Mtg. Ctrs. | Net Each | |
|-----------|-----------|-------------|--------------------------------|------------|----------|-------|
| | | | | | 1-9 | 10-24 |
| TB-15 | 20A16 | 1:2 | Sgl. plate to sgl. or PP grids | 2" | 2.36 | 2.17 |
| TB-17 | 20A19 | 1:3 | Plates to grids, sgl. or PP | 2½" | 2.65 | 2.43 |
| TB-18 | 20A22 | 1:3 | Sgl. plate to sgl. or PP grids | 2½" | 3.27 | 3.03 |
| TB-19 | 20A23 | 1:3 | Sgl. Plate to sgl. or PP grids | 2½" | 5.98 | 5.49 |
| TB-22 | 20A29 | 1:1:1:1 | Univ. car radio interstage | 2" | 3.27 | 3.03 |

TUBE-TO-LINE TRANSFORMERS (LOW LEVEL)

Rated 8 Watts. Primary for single or PP plates. Frequency response 60-15,000 cps. 22S91 has hum-bucking construction. Shgp. wt., 1¼ lbs.

| Stock No. | Thord No. | Fig. | Pri. | Sec. | Ctrs. | NET EACH | |
|-----------|-----------|------|------------|-------------|-------|----------|-------|
| | | | | | | 1-9 | 10-24 |
| TB-75 | 22S90 | FGV | 20,000 CT. | 125,200,500 | 2½" | 4.40 | 4.04 |
| TB-76 | 22S91 | BAH | 20,000 CT. | 125,200,500 | 2½" | 4.10 | 3.76 |

THORDARSON TRANSISTOR AND MICROPHONE TRANSFORMERS



THORDARSON TRANSISTOR TRANSFORMERS

Usages indicated in application column are A-input, S-output, D-driver and J-interstage. All 50 milliwatt are type MAH 7/16x1/2x7/16; 150 MW are type BCH 11/16x13/16x5/8; 300 MW are type BAH 3/4x5/8x13/16. Average shpg. wt., 6 oz.

| Stock No. | Thord. No. | Impedance | | Turns Ratio | MW | Appli- cation | Net Each | |
|-----------|------------|-----------|-----------|-------------|-----|---------------|----------|-------|
| | | Wind'g. 1 | Wind'g. 2 | | | | 1-9 | 10-24 |
| TB-94 | TR-1 | 500CT | 500CT | 1.00:1 | 300 | D-J | 3.91 | 3.59 |
| TB-95 | TR-2 | 5,000CT | 7,500 | 1.23:1 | 150 | D-J | 3.91 | 3.59 |
| TB-98 | TR-5 | 490CT | 150CT | 1.81:1 | 150 | D-S | 3.91 | 3.59 |
| TB-100 | TR-7 | 10,000 | 2,000CT | 2.24:1 | 150 | D-J | 3.91 | 3.59 |
| TB-101 | TR-8 | 48CT | 4/8 | 2.45:1 | 300 | S | 3.91 | 3.59 |
| TB-102 | TR-9 | 5,000 | 30,000CT | 2.45:1 | 150 | A-J | 3.91 | 3.59 |
| TB-107 | TR-14 | 20,000 | 1,200 | 4.08:1 | 150 | AJ | 3.91 | 3.59 |
| TB-110 | TR-17 | 20,000 | 800CT | 5.00:1 | 150 | A-D-J | 3.91 | 3.59 |
| TB-114 | TR-21 | 160CT | 4/8 | 4.47:1 | 300 | S | 3.91 | 3.59 |
| TB-115 | TR-22 | 400CT | 4/8 | 7.07:1 | 300 | S | 3.91 | 3.59 |
| TB-116 | TR-23 | 10,000 | 200CT | 7.07:1 | 150 | D-S | 3.91 | 3.59 |
| TB-120 | TR-27 | 500CT | 3/2 | 12.50:1 | 150 | S | 3.91 | 3.59 |
| TB-121 | TR-28 | 200,000 | 1,000 | 14.00:1 | 300 | A | 3.91 | 3.59 |
| TB-122 | TR-29 | 825CT | 3/4 | 15.60:1 | 150 | S | 3.91 | 3.59 |
| TB-125 | TR-32 | 9,800 | 15 | 25.50:1 | 150 | A-S | 3.91 | 3.59 |
| TB-129 | TR-36 | 500,000 | 200CT | 50.00:1 | 300 | A | 4.15 | 3.81 |
| TB-131 | TR-38 | 6,000 | 5,000CT | 1.09:1 | 50 | D-J | 4.88 | 4.48 |
| TB-132 | TR-39 | 4,000 | 2,600CT | 1.24:1 | 50 | D-J | 4.41 | 4.05 |
| TB-137 | TR-44 | 20,000 | 1,200 | 5.75:1 | 50 | A-J | 4.88 | 4.48 |
| TB-142 | TR-49 | 500CT | 10 | 7.06:1 | 50 | S | 4.26 | 3.92 |
| TB-143 | TR-50 | 200CT | 3/2 | 7.90:1 | 50 | S | 4.32 | 3.97 |
| TB-194 | TR-101 | 350CT | 4/12 | 5.22:1 | 150 | S | 3.91 | 3.59 |
| TB-206 | TR-113 | 400CT | 4/8/16 | 5.00:1 | 300 | S | 3.91 | 3.59 |
| TB-207 | TR-114 | 500CT | 4/8/16 | 5.60:1 | 300 | S | 3.91 | 3.59 |
| TB-208 | TR-115 | 700CT | 4/8/16 | 6.63:1 | 300 | S | 3.91 | 3.59 |
| TB-209 | TR-117 | 2,500 | 4/8/16 | 12.50:1 | 300 | S | 3.91 | 3.59 |

POWER TRANSISTOR DRIVERS

All Type BAH. Shpg. wt., 1 lb.

| Stock No. | Thord. No. | Impedance | | Primary MAOC | Watts | Mtg. Center | Net Each | |
|-----------|------------|-----------|-----------|--------------|-------|-------------|----------|-------|
| | | Primary | Secondary | | | | 1-9 | 10-24 |
| TB-157 | TR-64 | 100 | 100CT | 200 | .5 | 1 3/4 | 2.41 | 2.21 |
| TB-158 | TR-65 | 100 | 200CT | 200 | .5 | 1 3/4 | 2.41 | 2.21 |
| TB-159 | TR-66 | 500CT | 200CT | 50 | .5 | 1 3/4 | 2.50 | 2.30 |

TRANSISTOR POWER SUPPLY TRANSFORMERS

These transistorized power transformers are ideally suited for power supplies for all kinds of battery operated equipment such as mobile communication systems, aircraft and marine navigational systems, photoflash, ultrasonic applications and even 117 Volts 60 CPS from an automobile battery so as to operate 117V radio, television, electric shavers, etc. Complete instructions supplied with each transformer. *At 60 cycles. Average shpg. wt., 1/2 lb.

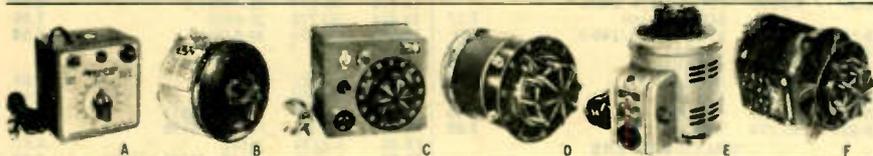
| Stock No. | Thord. No. | Volt In. | Output Volt | Pow. Out | Mtg. Type | Mtg. Ctrs. | Net Each | |
|-----------|------------|----------|-----------------------|----------|-----------|-------------|----------|-------|
| | | | | | | | 1-9 | 10-24 |
| TB-162 | TR-69 | 6 | *117VAC | 50 | GGV | 1 5/8x2 | 12.58 | 11.58 |
| TB-163 | TR-70 | 12 | *117VAC | 50 | GGV | 1 5/8x2 | 12.58 | 11.58 |
| TB-164 | TR-71 | 12 | *117VAC | 110 | GGV | 2 3/4x2 1/2 | 16.99 | 15.61 |
| TB-165 | TR-72 | 12 | *117VAC | 250 | GGV | 3 1/4x3 | 19.82 | 18.20 |
| TB-167 | TR-74 | 12 | 150VDC | 15 | TAV | 1 1/2x2 3/4 | 9.11 | 8.37 |
| TB-168 | TR-75 | 12 | 200VDC | 20 | TAV | 1 1/2x2 1/4 | 9.44 | 8.67 |
| TB-169 | TR-76 | 6 | 225VDC | 15 | TAV | 1 1/2x2 1/4 | 9.11 | 8.37 |
| TB-170 | TR-77 | 12 | 225VDC | 20 | TAV | 1 1/2x2 1/4 | 9.44 | 8.67 |
| TB-171 | TR-78 | 12 | 250VDC | 16.5 | DAH | 1 1/2 | 9.11 | 8.37 |
| TB-172 | TR-79 | 6 | 250VDC | 50 | TAV | 1 1/2x2 3/4 | 13.21 | 12.13 |
| TB-173 | TR-80 | 12 | 250VDC | 50 | TAV | 1 1/2x2 3/4 | 13.21 | 12.13 |
| TB-175 | TR-82 | 12 | 275VDC | 48 | TAV | 1 1/2x2 1/4 | 12.58 | 11.56 |
| TB-176 | TR-83 | 12 | 300VDC | 30 | DAH | 1 1/2 | 10.38 | 9.53 |
| TB-177 | TR-84 | 12 | 300 & 150VDC | 120 | TAV | 1 1/2x2 3/4 | 17.61 | 16.17 |
| TB-181 | TR-88 | 4.5 | 390VDC | 12 | BAH | 1 1/2 | 8.50 | 7.80 |
| TB-191 | TR-98 | 12 | 1500VDC | 20 | TAV | 1 1/2x2 3/4 | 9.44 | 8.67 |
| TB-192 | TR-99 | 6 & 12 | 200-225-250 or 275VDC | 20 | TAV | 1 1/2x2 3/4 | 10.38 | 9.53 |

POWER TRANSISTOR OUTPUTS

All rated 10 watts except † is 5 and ‡ is 3. Average shpg. wt., 1 lb.

| Stock No. | Thord. No. | Impedance | | Primary MAOC | Mtg. Centers | Net Each | | |
|-----------|------------|-----------|-----------|--------------|--------------|----------|-------|------|
| | | Primary | Secondary | | | 1-9 | 10-24 | |
| TB-150 | TR-57 | 32CT | 1.6/4 | 575 | BAH | 2 1/4 | 4.88 | 4.48 |
| TB-151 | TR-58 | 32CT | 3.2/8/16 | 575 | BAH | 2 1/4 | 4.88 | 4.48 |
| TB-152 | TR-59 | 48CT | 1.6/4 | 550 | BAV | 2 3/8 | 4.88 | 4.48 |
| TB-153 | TR-60 | 48CT | 3.2/8/16 | 550 | BHV | 2 3/8 | 4.88 | 4.48 |
| TB-154 | TR-61† | 48CT | 3.2/8/16 | 550 | BHV | 1 3/4 | 2.41 | 2.21 |
| TB-155 | TR-62‡ | 100 | 3.2/8/16 | 150 | BAV | 1 1/2 | 2.41 | 2.21 |
| TB-156 | TR-63 | 100CT | 3.2/8/16 | 500 | BAV | 2 3/8 | 4.41 | 4.05 |

STANDARD ELECTRIC "ADJUST-A-VOLT" VARIABLE TRANSFORMERS



Consists of a single-layer winding and high grade toroidal core. Sliding brush taps transformer to permit selection of any output voltage. All have over voltage connections. Has zero wave form distortions. Brush is always in contact with at least one turn of wire. Bench models are housed in die cast aluminum cases equipped with pilot light, switch, fuse, line cord with plug, and output receptacle. All are for 50-60 cycle operation. 25 cycle operation is permissible if output power ratings are reduced by 50%.

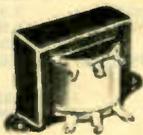
| Stock No. | Mfr. No. | Fig. | Input Volts | Output | | Max. KVA | Description | Shpg. Wt. Lbs. | Size | Each Asst. | |
|-----------|----------|------|-------------|-------------|-------|----------|-------------------------|----------------|-------------------|------------|-------|
| | | | | Volts | Amps. | | | | | 1-5 | 6-49 |
| T0-155 | PA-1 | A | 120 | 0-132 | 1.25 | .165 | Portable type | 3 | 3 7/8x3 7/8x3 1/2 | 15.68 | 14.80 |
| T0-150 | 100BU | B | 120 | 0-132/0-120 | 1.25 | .165 | Mounts up to 1/4" | 3 | 2 3/4x2 1/2 | 8.33 | 6.80 |
| T0-156 | PA-3 | C | 120 | 0-140 | 3.0 | .42 | Portable type | 7 | 6 1/2x6 1/2x6 1/2 | 25.48 | 20.80 |
| T0-151 | 300BU | D | 120 | 0-140/0-120 | 3.0 | .42 | Mounts up to 1/2" Panel | 5 | 3 1/4x3 1/4 | 12.25 | 10.00 |
| T0-152 | 500B | E | 120 | 0-140/0-120 | 7.5 | 1.05 | Enclosed type | 11 | 6 1/2x4 3/8 | 22.54 | 18.40 |
| T0-153 | 500BU | F | 120 | 0-140/0-120 | 7.5 | 1.05 | Mounts up to 1/2" Panel | 10 | 5x4 3/8 | 17.64 | 14.40 |



ACME T8394M VARIABLE VOLTAGE ADJUSTER

300 W. continuous duty variable transformer. Adjusted by rotary tap sw. Used as step up or step down.

Voltmeter shows sec. voltage. Pri. tapped 10, 5, 2.5, 1.25 and 625 watts. Secondary tapped 5, 8 and 16 ohms. Size 2x1 1/2". Mtg. Centers 2 3/8". Shpg. wt., 1 lb.
 Net 11.32



LAFAYETTE SPECIAL 70.7 VOLT LINE-TO-VOICE COIL TRANSFORMER

- 10 watts max.
- 5-8-16 ohms

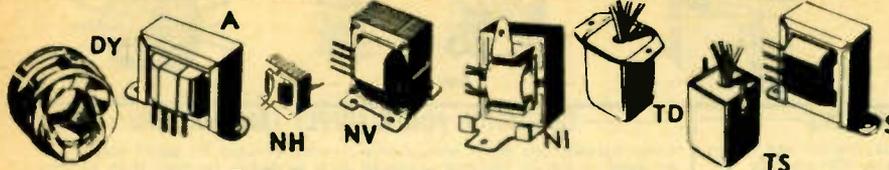
70 volt line-to-voice coil matching transformer. Primary tapped 10, 5, 2.5, 1.25 and 625 watts. Secondary tapped 5, 8 and 16 ohms. Size 2x1 1/2". Mtg. Centers 2 3/8". Shpg. wt., 1 lb.
 lot of 10 each, 1.70. Singly ea. 1.98

New! **LAFAYETTE**
Testest
20-WATT UNIVERSAL HI-FI OUTPUT TRANSFORMER
895

- WIDER BANDWIDTH - 15 CPS TO 100 KC
- COMPLETELY SHIELDED
- BALANCED DESIGN
- STURDY TERMINALS

An exceptionally fine quality output transformer which will provide your amplifier with maximum fidelity at full wattage. Fully balanced design incorporates hum-free windings wound on a special type core. Ultra wide range and impedance characteristics make stable operation possible, even with large amounts of negative feedback applied. Frequency response ± 1 db from 15 cps to 100,000 cps at low level; full 20 watts flat from 20 to 30,000 cps. Primary impedance 5,000, 8,000 or 10,000 ohms; secondary 4, 8, and 16 ohms. May be used with such tubes as 7189, EL84/6BQ5, 6V6, etc. Imported. Shpg. wt., 4 1/2 lbs.
 Net 8.95

STANCOR TRANSFORMERS, YOKES, & FLYBACKS



DEFLECTION YOKES

All are ferrite cores, cosine wound, type DY. All for 70° tubes except * are 53°, † are 90°, ‡ are 110°. Shpg. wt., 1½ lbs.

| Stock No. | Stancor No. | Induct. Horiz. | MH Vert. | Coil Res. Horiz. | Ohms Vert. | Net |
|-----------|-------------|----------------|----------|------------------|------------|-------|
| TA-168 | DY-1A* | 8.3 | 50 | 13.5 | 66 | 7.54 |
| TA-169 | DY-2A | 10.3 | 50 | 14.5 | 66 | 7.22 |
| TA-170 | DY-8A- | 8.5 | 50 | 14.5 | 52.5 | 7.22 |
| TA-171 | DY-9A | 13.5 | 50 | 17.5 | 53.5 | 8.40 |
| TA-172 | DY-10A | 30.0 | 3.5 | 45 | 3.5 | 7.22 |
| TA-173 | DY-11A | 20.0 | 50 | 31 | 50 | 8.89 |
| TA-174 | DY-12A | 30.0 | 50 | 41 | 50 | 8.01 |
| TA-175 | DY-13A† | 12.5 | 48 | 15 | 52 | 10.17 |
| TA-176 | DY-14A | 30.0 | 3.5 | 45 | 3.5 | 7.58 |
| TA-177 | DY-15A | 25.0 | 40.0 | 35 | 50 | 7.88 |
| TA-178 | DY-16A† | 20.0 | 44.0 | 26 | 45 | 9.17 |
| TA-182 | DY-20A | 20.0 | 41.5 | 28 | 50 | 8.10 |
| TA-183 | DY-21A | 14.5 | 3.1 | 10 | 3.5 | 7.44 |
| TA-185 | DY-23A† | 20.0 | 45.0 | 27 | 43 | 8.53 |
| TA-188 | DY-26A‡ | 19.0 | 11.5 | 34 | 16.5 | 10.64 |

| TA-189 | DY-27A† | 17.5 | 12.3 | 35.5 | 13.5 | 10.24 |
|--------|---------|------|------|------|------|-------|
| TA-229 | DY-28A | 24 | 3.2 | 36 | 3.4 | 6.91 |
| TA-231 | DY-29A | 24 | 3.2 | 36 | 3.4 | 7.01 |
| TA-232 | DY-30A | 24 | 3.2 | 36 | 3.4 | 7.25 |
| TA-233 | DY-31A† | 24 | 4.2 | 44.2 | 42 | 8.65 |
| TA-236 | DY-32A† | 24 | 4.2 | 34 | 42 | 8.53 |

| Stock No. | Stancor No. | Induct. Horiz. | MH Vert. | Coil Res. Horiz. | Ohms Vert. | Net |
|-----------|-------------|----------------|----------|------------------|------------|-------|
| TA-242 | DY-33A | 30.5 | 43 | 34 | 50 | 6.86 |
| TA-244 | DY-34A† | 30 | 47 | 45 | 42 | 7.35 |
| TA-288 | DY-35A† | 20 | 45 | 28 | 45 | 6.89 |
| TA-289 | DY-36A† | 24 | 40 | 43 | 37 | 9.08 |
| TA-290 | DY-37A† | 20 | 45 | 28 | 45 | 8.13 |
| TA-291 | DY-38A† | 20 | 34.8 | 38 | 34 | 8.78 |
| TA-292 | DY-39A† | 13 | 40 | 22 | 41 | 7.94 |
| TA-293 | DY-40A† | 12 | 40 | 17 | 39 | 9.70 |
| TA-294 | DY-41A | 13.3 | 41 | 20 | 54 | 8.64 |
| TA-295 | DY-42A† | 30.4 | 34 | 47.2 | 34 | 8.53 |
| TA-296 | DY-43A† | 24 | 3.3 | 31 | 3 | 11.05 |
| TA-297 | DY-44A† | 18.5 | 34 | 33 | 34 | 8.82 |
| TA-298 | DY-45A† | 18.6 | 14.8 | 35 | 13.8 | 12.97 |
| TA-299 | DY-46A† | 20 | 40 | 38 | 39 | 10.17 |
| TA-300 | DY-47A | 8.2 | 41 | 19.7 | 72 | 8.00 |
| TA-301 | DY-48A | 14 | 29 | 33 | 60 | 6.76 |
| TA-302 | DY-49A | 44 | 38 | 110 | 80 | 8.41 |
| TA-303 | DY-50A | 12 | 33 | 28 | 83 | 9.29 |

HORIZONTAL BLOCKING OSCILLATORS

Turns ratio 2:1. Shpg. wt., ½ lb.

| Stock No. | Stancor No. | SIZE | FIG. | Net |
|-----------|-------------|----------|------|------|
| TA-40 | A-8110 | 1½x1½x2½ | A | 2.12 |
| TA-47 | A-8120 | 1¾x1½x2¾ | TD | 3.37 |

VERTICAL OUTPUT TRANSFORMERS

All type A, except † is NV, * is NI, # is NH, ♦ is type S, † is autoformer type, ‡ is a 5:1 to 50:1 Multi-Ratio Type. Average shpg. wt., 2 lbs.

| STOCK NO. | STAN NO. | DC PRI | RES SEC | SIZE | NET EA. |
|-----------|----------|--------|---------|----------|---------|
| TA-42 | A-8112 | 1300 | 10 | 2x1¾x3¼ | 2.94 |
| TA-43 | A-8113 | 700 | 12 | 2x1¾x3¼ | 3.08 |
| TA-44 | A-8115† | 600 | 7 | 3¼x2½x2½ | 5.24 |
| TA-50 | A-8123† | 1200 | 11 | 2x1¾x3¼ | 2.91 |
| TA-64 | A-8140‡ | 400 | 0.3 | 3¼x2½x2½ | 5.23 |
| TA-65 | A-8141‡ | 1650 | 4.5 | 2½x3¾x2½ | 4.17 |
| TA-66 | A-8142# | 540 | 10.5 | 2¾x2¼x3 | 5.04 |
| TA-67 | A-8143 | 625 | 14 | 2½x2¼x3¾ | 3.37 |
| TA-68 | A-8144 | 540 | 15 | 2¼x1¾x3¾ | 3.13 |
| TA-69 | A-8145* | 540 | 14 | 2¾x2¼x2½ | 4.20 |
| TA-70 | A-8146† | 375 | 10 | 2x1¾x3¼ | 2.97 |
| TA-71 | A-8147† | 300 | 9 | 2x1¾x3¼ | 2.88 |
| TA-79 | A-8148† | 375 | 6.5 | 2x1¾x3¼ | 3.37 |
| TA-72 | A-8149† | 330 | 8.5 | 2x1¾x3¼ | 2.89 |
| TA-74 | A-8151 | 580 | 6.7 | 2½x3¾x2½ | 3.53 |
| TA-342 | VO-110 | 1670 | 7.0 | 2x2x3¼ | 2.82 |
| TA-343 | VO-111 | 1425 | 7.5 | 2x2x3¼ | 3.25 |
| TA-344 | VO-112 | 384 | 3.5 | 2½x3¾x2½ | 3.35 |
| TA-345 | VO-113† | ♦ 1435 | 19.7 | 2¾x1¾x2¾ | 2.72 |
| TA-346 | VO-114 | 250 | 6.0 | 2x3¼x1¾ | 2.82 |
| TA-257 | VO-103† | 530 | 5.5 | 2x3¼x1½ | 4.11 |
| TA-258 | VO-108† | 350 | 10.3 | 2x3¼x2 | 2.84 |
| TA-259 | VO-109‡ | — | — | 2x3¼x2 | 5.41 |

VERTICAL BLOCKING OSCILLATORS

Turns ratio 1:4.2 except * is 1:1.5, † is 1:3.33. Type A-8124 has 2 secs. 1:0.48 and 1:1. Shpg. wt., ½ lb.

| STOCK NO. | STAN NO. | SIZE | DIAG. | NET |
|-----------|----------|-------|-------|------|
| TA-41 | A-8111 | 1½x2½ | A | 1.94 |
| TA-48 | A-8121 | 1½x2¾ | TD | 2.59 |
| TA-49 | A-8122 | 1¾x1¾ | TS | 3.83 |
| TA-51 | A-8124 | 1¾x2¾ | A | 2.71 |
| TA-52 | A-8125 | 2¾x1¼ | A | 1.91 |
| TA-53 | A-8126* | 1½x2 | S | 1.94 |
| TA-341 | VBO-201† | 2¾x1¼ | A | 2.06 |

STANCOR EXACT DUPLICATE FLYBACKS

These exact replacement flybacks are built from the set manufacturer's original specifications.

They are exact electrical and physical duplicates of the units they are designated to replace. (Av. shpg. wt., 1½ lbs.)

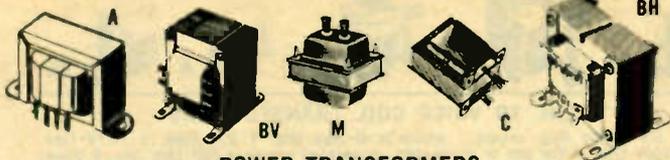
| STOCK NO. | STANCOR NO. | MFR'S PART NO. | NET |
|---------------------|-------------|-----------------------------|------|
| ADMIRAL | | | |
| TA-55 | A-8128 | 79C23-3, 79C28-1 | 6.88 |
| TA-354 | A-8133 | 79C30-1/3 | 9.89 |
| TA-60 | A-8134 | 79C30-2/4, 79C38-1, 79C38-1 | 8.96 |
| TA-109 | A-8254 | 79C60-1 | 5.59 |
| TA-110 | A-8255 | 79C60-2/3 | 6.49 |
| TA-201 | HO-265 | 79C70-2/1 | 5.83 |
| TA-61 | A-8135 | 79D41-1/2 | 7.64 |
| TA-108 | A-8253 | 79D48-1 | 7.35 |
| TA-140 | A-8292 | 79D65-1 | 7.06 |
| TA-197 | HO-301 | 79D65-2/4 | 7.17 |
| TA-209 | HO-302 | 79D65-3 | 7.06 |
| TA-211 | HO-303 | 79D74-1/2 | 6.47 |
| TA-219 | HO-304 | 79D77-2 | 7.79 |
| TA-267 | HO-317 | 798/D/E77-6 | 5.26 |
| TA-268 | HO-318 | 798/D/E77-7 | 5.26 |
| TA-269 | HO-319 | 798/D/E77-2 | 6.44 |
| CAPEHART | | | |
| TA-58 | A-8131 | 750163A-1 | 5.87 |
| CBS-COLUMBIA | | | |
| TA-82 | A-8230 | 10104 | 7.35 |
| TA-195 | HO-258 | 12000151, 12000751 | 7.02 |
| TA-133 | A-8284 | 120001051 | 6.53 |
| CROSLEY | | | |
| TA-93 | A-8241 | 157820 | 6.36 |
| TA-118 | A-8263 | 158481-1/2-5 | 7.47 |
| TA-223 | HO-305 | 159947-1/2 | 7.79 |
| DUMONT | | | |
| TA-107 | A-8252 | 200808061/8402 | 6.53 |
| EMERSON | | | |
| TA-58 | A-8131 | 738047/48/53/60 | 5.87 |
| TA-62 | A-8138 | 738079/84 | 6.43 |
| TA-84 | A-8232 | 738067/68/69/73/74/75/82 | 7.35 |
| TA-224 | HO-294 | 738103/09 | 6.53 |
| TA-225 | HO-295 | 738106/07/11 | 7.32 |
| TA-226 | HO-296 | 738119/22/28/29/40 | 7.50 |
| TA-270 | HO-309 | 738138/A | 5.88 |
| TA-271 | HO-310 | 738142 | 7.06 |
| TA-272 | HO-311 | 738155 | 5.15 |
| TA-273 | HO-312 | 738160 | 4.93 |
| TA-274 | HO-313 | 738162 | 5.26 |
| TA-275 | HO-314 | 738169 | 4.71 |

| STOCK NO. | STANCOR NO. | MFR'S PART NO. | NET |
|----------------------|-------------|--|------|
| GE | | | |
| TA-57 | A-8130 | 7711, except where 6C06 is used | 7.17 |
| TA-117 | A-8262 | RT0-131/141/146-3 | 6.91 |
| TA-121 | A-8266 | RT0-161 | 6.17 |
| TA-190 | HO-252 | RT0-165 | 6.47 |
| TA-191 | HO-253 | RT0-175/187 | 6.47 |
| TA-192 | HO-254 | RT0-179 | 6.47 |
| TA-227 | HO-298 | RT0-207 | 6.69 |
| TA-228 | HO-299 | RT0-208 | 7.06 |
| HALLICRAFTERS | | | |
| TA-118 | A-8263 | 55B253/66, 55D266 | 7.56 |
| TA-93 | A-8241 | 55D251 | 6.36 |
| HOFFMAN | | | |
| TA-107 | A-8252 | 5156/60 | 6.53 |
| MAGNAVOX | | | |
| TA-202 | HO-266 | 360659 | 6.53 |
| TA-215 | HO-279 | 360632-1 | 6.53 |
| TA-276 | HO-331 | 320055-1, 320061-1/-3 | 7.10 |
| TA-277 | HO-332 | 360580-1, 360604-1 | 6.38 |
| TA-278 | HO-333 | 360700-1-2 | 5.74 |
| TA-279 | HO-334 | 320811-1 | 5.14 |
| TA-280 | HO-335 | 360779-1 | 6.60 |
| MOTOROLA | | | |
| TA-222 | HO-293 | 24C736488 | 8.56 |
| TA-91 | A-8239 | 24K792753, 24K701099 | 6.98 |
| TA-216 | HO-280 | 24K739284 | 8.28 |
| TA-217 | HO-281 | 24K730902/3, 24K732584 | 8.82 |
| TA-217 | HO-281 | 24K732746/7, 24K733407 | 8.82 |
| TA-217 | HO-281 | 24K738699 | 8.82 |
| TA-218 | HO-282 | 24C736487, 24K738699 | 8.37 |
| TA-281 | HO-336 | 24C739283 | 6.43 |
| TA-253 | HO-341 | 24C736095 (coil only) | 2.59 |
| TA-254 | HO-342 | 24C740969, 24C742676 | 6.94 |
| TA-255 | HO-343 | 24C744042 | 7.06 |
| TA-256 | HO-344 | 24K748397, 24K754273-Z | 6.69 |
| MUNTZ | | | |
| TA-59 | A-8132 | TO-0031 | 8.82 |
| TA-92 | A-8220 | TO-0036 | 7.06 |
| PHILCO | | | |
| TA-198 | HO-262 | 32-8428-1/-2 | 8.37 |
| TA-75 | A-8220 | 32-8565 including Term. bd. Components | 8.22 |
| TA-78 | A-8223 | 32-8572 with Choke on Term. Bd. | 6.92 |
| TA-145 | A-8298 | 32-8677-1/-2 | 7.86 |
| TA-199 | HO-263 | 32-8634 | 8.33 |
| TA-212 | HO-276 | 32-8624-1 | 8.47 |

| STOCK NO. | STANCOR NO. | MFR'S PART NO. | NET |
|---------------------|-------------|----------------------|------|
| RCA | | | |
| TA-213 | HO-277 | 32-8465-2 | 9.41 |
| TA-213 | HO-277 | 32-8509/-2 | 9.41 |
| TA-214 | HO-278 | 32-8695 | 7.06 |
| TA-200 | HO-264 | 32-8709-1 | 6.53 |
| SILVERTONE | | | |
| TA-54 | A-8127 | 21111/73 | 6.88 |
| TA-193 | HO-256 | 23571 | 6.47 |
| TA-99 | A-8244 | 78201, 78810 | 6.60 |
| TA-85 | A-8233 | 76430, 76795 | 7.35 |
| TA-86 | A-8234 | 76501 | 4.67 |
| TA-87 | A-8235 | 75519, 75585, 76381 | 5.38 |
| TA-208 | HO-272 | 972914-1, 103092 | 6.53 |
| TA-282 | HO-320 | 10389 | 5.66 |
| TA-283 | HO-321 | 104876, 106063 | 7.11 |
| TA-284 | HO-322 | 104309, 106533 | 7.18 |
| SILVERTONE | | | |
| TA-82 | A-8230 | 10104/07/08/10/26/35 | 7.35 |
| TA-83 | A-8231 | 101368/37/38/59 | 7.35 |
| TA-210 | HO-274 | 780-326/36 | 6.76 |
| TA-285 | HO-337 | 80-368/390/411 | 4.30 |
| SYLVANIA | | | |
| TA-81 | A-8229 | 241-0007 | 5.29 |
| TA-196 | HO-259 | 241-0011 | 6.47 |
| TA-282 | HO-320 | 241-0046/48 | 5.66 |
| TRAVLER | | | |
| TA-347 | HO-323 | TR-24 | 6.96 |
| TA-348 | HO-324 | TR-27 | 6.54 |
| TA-349 | HO-325 | TR-28 | 6.76 |
| WESTINGHOUSE | | | |
| TA-88 | A-8236 | V-11548-1/-2/-3/-4 | 7.74 |
| TA-90 | A-8238 | V-10211-4 | 6.66 |
| TA-350 | HO-339 | 493V004M02/3/4 | 8.82 |
| TA-351 | HO-340 | 493V003M03 | 8.23 |
| ZENITH | | | |
| TA-122 | A-8267 | S-15911/12, -1656-6 | 7.06 |
| TA-122 | A-8267 | S-17130/40, -17233 | 7.06 |
| TA-122 | A-8267 | S-17245/265/435 | 7.06 |
| TA-122 | A-8267 | S-17646/767/811 | 7.06 |
| TA-122 | A-8267 | S-17927, -20908 | 7.06 |
| TA-124 | A-8270 | S-18567/990, -19728 | 6.53 |
| TA-203 | HO-267 | S-20099 | 7.19 |
| TA-204 | HO-268 | S-23049 | 6.08 |
| TA-205 | HO-269 | S-22720 | 6.14 |
| TA-206 | HO-270 | S-18125 | 5.88 |
| TA-207 | HO-271 | S-22451 | 6.53 |

POWER, FILAMENT, CHOKE AND OUTPUT TRANSFORMERS

STANCOR



POWER TRANSFORMERS

All primaries 117 V 60 cycle. All 6.3V secondaries are C.T. except * and PC-8414 which has extra 6.3V 3 amp winding. Types with † are for selenium rectifier circuits or tubes such as 6AX5, 6X4, 6X5, etc. All type M mtg. except PC and Pare C mtg.. PS is S mtg. Plate

| Stock No. | Stan. No. | VCT | MA | 5V 6.3V Amp | Size | Wt. Lbs. | Net Each | 1-9 | 10-24 |
|-----------|-----------|------|-----|----------------|------|-------------------|----------|-------|-------|
| TA-338* | PS-8415 | 125 | 15 | — | 0.6 | 2x2 3/4x1 3/8 | 3/4 | 2.32 | 2.13 |
| TA-305* | PA-8421 | 125 | 50 | — | 2.0 | 2 1/4x3 3/4x2 1/2 | 1 1/2 | 3.76 | 3.46 |
| TA-339* | PS-8416 | 125 | 25 | — | 1.0 | 2 1/4x2 7/8x1 3/4 | 1 | 2.79 | 2.56 |
| TA-307* | PC-8418 | 460 | 50 | — | 2.5 | 3 3/4x2 5/8x2 5/8 | 2 1/4 | 4.70 | 4.32 |
| TA-306* | PM-8418 | 460 | 50 | — | 2.5 | 2 5/8x2 1/2x3 | 2 1/4 | 4.70 | 4.32 |
| TA-325 | PM-8401 | 470 | 40 | 2.0 | 2.0 | 2 5/8x2 1/2x3 | 2 1/4 | 5.67 | 5.19 |
| TA-311 | PC-8401 | 470 | 40 | 2.0 | 2.0 | 3 3/4x2 5/8x2 5/8 | 2 1/4 | 5.42 | 4.98 |
| TA-326 | PM-8402 | 480 | 55 | 2.0 | 2.0 | 2 3/4x2 1/2x3 | 2 1/2 | 5.53 | 5.08 |
| TA-312 | PC-8402 | 480 | 55 | 2.0 | 2.0 | 3 3/4x2 5/8x2 3/4 | 2 1/2 | 5.38 | 4.94 |
| TA-337* | PM-8419 | 480 | 70 | — | 3.0 | 2 7/8x2 1/2x3 | 2 3/4 | 5.41 | 4.97 |
| TA-324* | PC-8419 | 480 | 70 | — | 3.0 | 3 3/4x2 5/8x2 7/8 | 2 3/4 | 5.41 | 4.97 |
| TA-308* | PM-8420 | 520 | 90 | — | 4.0 | 3 1/2x2 7/8x3 3/8 | 3 1/2 | 6.56 | 5.99 |
| TA-309* | PC-8420 | 520 | 90 | — | 4.0 | 3 1/2x3x3 1/2 | 3 1/2 | 6.29 | 5.78 |
| TA-327 | PM-8403 | 500 | 70 | 2.0 | 2.5 | 3 1/4x2 1/2x3 | 3 1/4 | 6.23 | 5.72 |
| TA-313 | PC-8403 | 500 | 70 | 2.0 | 2.5 | 3 3/4x2 5/8x3 1/8 | 3 3/4 | 6.23 | 5.72 |
| TA-328 | PM-8404 | 520 | 90 | 2.0 | 3.0 | 3 3/8x2 7/8x3 3/8 | 4 | 6.91 | 6.34 |
| TA-314 | PC-8404 | 520 | 90 | 2.0 | 3.0 | 3 3/8x3x3 1/2 | 4 | 6.91 | 6.34 |
| TA-329 | PM-8405 | 540 | 120 | 3.0 | 3.5 | 3 1/2x3 1/8x3 3/4 | 5 | 9.01 | 8.27 |
| TA-315 | PC-8405 | 540 | 120 | 3.0 | 3.5 | 4x3 1/4x3 1/2 | 5 | 9.01 | 8.27 |
| TA-310 | PM-8423 | 600 | 90 | 2.0 | 3.5 | 3 1/4x2 1/4x2 7/8 | 4 | 9.77 | 7.32 |
| TA-374* | P6358 | 600 | 65 | — | 2.7 | 3 1/4x2 5/8x2 1/2 | 3 | 5.84 | 5.36 |
| TA-330 | PM-8406 | 650 | 40 | 2.0 | 2.0 | 2 3/4x2 1/2x3 | 2 1/2 | 5.64 | 5.18 |
| TA-316 | PC-8406 | 650 | 40 | 2.0 | 2.0 | 3 3/4x2 5/8x2 3/4 | 2 1/2 | 5.64 | 5.18 |
| TA-331 | PM-8407 | 650 | 55 | 2.0 | 2.0 | 3 3/8x2 1/2x3 | 3 3/4 | 5.88 | 5.40 |
| TA-317 | PC-8407 | 650 | 55 | 2.0 | 2.0 | 3 3/8x2 5/8x3 1/8 | 3 1/4 | 5.88 | 5.40 |
| TA-332 | PM-8408 | 680 | 70 | 2.0 | 2.5 | 3 1/2x2 7/8x3 3/8 | 4 | 7.35 | 6.75 |
| TA-318 | PC-8408 | 680 | 70 | 2.0 | 2.5 | 3 3/8x3x3 3/8 | 4 | 7.35 | 6.75 |
| TA-333 | PM-8409 | 700 | 90 | 2.0 | 3.0 | 3 3/4x2 7/8x3 3/8 | 4 1/2 | 7.76 | 7.13 |
| TA-319 | PC-8409 | 700 | 90 | 2.0 | 3.0 | 3 3/8x3x3 3/8 | 4 1/2 | 7.76 | 7.13 |
| TA-334 | PM-8410 | 720 | 120 | 3.0 | 3.5 | 3 3/4x3 1/8x3 3/4 | 5 1/2 | 9.17 | 8.43 |
| TA-320 | PC-8410 | 720 | 120 | 3.0 | 3.5 | 4x3 1/4x3 3/4 | 5 1/2 | 8.81 | 8.10 |
| TA-335 | PM-8411 | 750 | 150 | 3.0 | 4.5 | 3 7/8x3 1/2x4 1/8 | 6 | 12.30 | 11.30 |
| TA-321 | PC-8411 | 750 | 150 | 3.0 | 4.5 | 4 1/4x3 3/4x4 | 6 | 11.79 | 10.83 |
| TA-336 | PM-8412 | 800 | 200 | 3.0 | 5.0 | 3 7/8x3 3/4x4 1/2 | 8 1/4 | 12.23 | 11.33 |
| TA-322 | PC-8412 | 800 | 200 | 3.0 | 5.0 | 4 3/4x4x4 | 8 1/4 | 12.30 | 11.30 |
| TA-323 | PC-8414 | 1200 | 200 | 3.0 | 3.0 | 4 3/4x4x4 1/4 | 8 3/2 | 14.46 | 13.29 |

FILAMENT TRANSFORMERS

All primaries are 117 volt 50-60 cy AC except * which is 6.3 volt and † which has a 117/107V. ‡ has four 6.3V secondaries with 1 center tap, # has two 6.3V secondaries with 1 center tap.

| Stock No. | Stan. No. | Secondary I Volts | Amperes | Insul. | Mtg. Type | Shpg. Wt. in lbs. | Net Each | 1-9 | 10-24 |
|-----------|-----------|----------------------|---------|--------|-----------|-------------------|----------|-------|-------|
| TA-375 | P-6133 | 2.5 CT | 5.0 | 7,500 | S | 1.5 | 3.72 | 3.42 | |
| TA-237 | P-6454† | 2.5 CT | 10.0 | 7,500 | S | 2.5 | 3.92 | 3.60 | |
| TA-376 | P-3060 | 2.5 CT | 10.0 | 10,000 | BV | 2.5 | 6.59 | 6.05 | |
| TA-377 | P-3026† | 5.0 CT | 3.0 | 2,500 | C | 2.4 | 4.90 | 4.50 | |
| TA-378 | P-6467 | 5.0 CT | 3.0 | 2,500 | A | 1.4 | 3.14 | 2.88 | |
| TA-238 | P-6455† | 5.0 CT | 6.0 | 2,000 | S | 2.0 | 4.24 | 3.90 | |
| TA-379 | P-3062 | 5.0 CT | 6.0 | 2,500 | BV | 2.3 | 5.04 | 4.63 | |
| TA-380 | P-6433 | 5.0 CT | 15.0 | 2,500 | BV | 3 | 7.01 | 6.44 | |
| TA-381 | P-6432 | 5.0 CT | 21.0 | 2,500 | BV | 4.5 | 8.27 | 7.50 | |
| TA-262 | P-6492 | 5.0 CT | 30.0 | 2,500 | C | 7.5 | 10.72 | 9.85 | |
| TA-382 | P-6465 | 6.3 CT | .6 | 1,500 | A | 0.4 | 1.94 | 1.78 | |
| TA-230 | P-6134 | 6.3 CT | 1.2 | 3,000 | A | 0.8 | 2.06 | 1.89 | |
| TA-286 | P-8190 | 6.3 | 1.2 | 5,000 | A | 1.0 | 2.70 | 2.46 | |
| TA-287 | P-8191* | 6.3 | 1.2 | 5,000 | A | 1.0 | 2.91 | 2.67 | |
| TA-383 | P-6428† | 6.3 | 1.75 | 2,500 | C | 3 | 6.08 | 5.58 | |
| TA-384 | P-5014 | 6.3 CT | 3.0 | 2,500 | BV | 2.0 | 4.58 | 4.20 | |
| TA-385 | P-6466 | 6.3 CT | 3.0 | 2,500 | A | 1.4 | 3.32 | 3.05 | |
| TA-243 | P-6462† | 6.3 | 3.0 | 7,000 | S | 2.0 | 5.49 | 5.04 | |
| TA-386 | P-6430# | 6.3 CT | 3.0 | 2,500 | C | 2.8 | 5.39 | 4.95 | |
| TA-387 | P-6429# | 6.3 | 3.5 | 2,500 | C | 4.8 | 8.26 | 7.59 | |
| TA-388 | P-6431# | 6.3 CT | 6.0 | 2,500 | C | 4.8 | 8.17 | 7.51 | |
| TA-389 | P-4019† | 6.3 CT | 4.0 | 2,500 | C | 2.7 | 4.94 | 4.54 | |
| TA-245 | P-3064 | 6.3 CT | 6.0 | 2,500 | BV | 2.4 | 5.31 | 4.88 | |
| TA-390 | P-4089† | 6.3 CT | 6.0 | 2,500 | C | 3.5 | 6.49 | 5.92 | |
| TA-239 | P-6456† | 6.3 CT | 6.0 | 2,000 | A | 2.0 | 3.74 | 3.44 | |
| TA-391 | P-6464 | 6.3 CT | 10.0 | 2,000 | C | 3.5 | 6.80 | 6.25 | |
| TA-235 | P-6308† | 6.3 CT | 10.0 | 2,500 | BV | 3.4 | 6.46 | 5.93 | |
| TA-392 | P-6309† | 6.3 CT | 20.0 | 2,500 | BV | 6.7 | 10.01 | 9.19 | |
| TA-393 | P-5015 | 7.5 CT | 4.0 | 2,500 | BV | 2.7 | 4.66 | 4.28 | |
| TA-240 | P-6457 | 7.5 CT | 21.0 | 2,000 | C | 8.0 | 12.44 | 11.42 | |
| TA-241 | P-6458 | 10.0 CT | 5.0 | 2,000 | BV | 3.0 | 4.61 | 4.23 | |
| TA-394 | P-6139 | 10.0 CT | 8.0 | 2,500 | BV | 4.9 | 7.35 | 6.75 | |
| TA-395 | P-4097† | 10.0 CT | 8.0 | 2,500 | C | 5.2 | 7.66 | 7.54 | |
| TA-266 | P-8130 | 12.6 CT | 2.0 | 1,500 | A | 1.4 | 3.36 | 3.09 | |
| TA-246 | P-6469 | 25.2 | 1.0 | 1,500 | A | 1.4 | 3.20 | 2.94 | |

DRIVER TRANSFORMERS

All type A mtg. 10,000 ohm primary, single plate to push-pull grids. Use between first audio and push-pull output. Ratio is pri. to 1/2 Sec.

| Stock No. | Stan. No. | Max MA Pri. DC | Ratio | Size | Net Each | 1-9 | 10-24 |
|-----------|-----------|-------------------|-----------|-------------------|----------|------|-------|
| TA-100 | A-4713 | 30 | 2:1 | 1 1/2x2 7/8x1 1/2 | 2.08 | 1.91 | |
| TA-101 | A-4723 | 30 | 3:1 | 1 1/2x2 7/8x1 1/2 | 2.11 | 1.94 | |
| TA-102 | A-4752 | 40 | 2/1.5:1:1 | 2x3 1/4x1 3/4 | 2.87 | 2.64 | |

ATTENTION QUANTITY PURCHASERS

WRITE, WIRE OR PHONE OUR INDUSTRIAL DIVISION FOR PRICES ON QUANTITIES UP TO 250.

UNIVERSAL OUTPUT TRANSFORMERS

Match single or push pull plates to any voice coil except * which matches to 500/333/200/125/50 ohms and † which matches to 500 ohms. All type A mtg.

| Stock No. | Stan. No. | Primary | Watts (15 ma) | Size, Inch | Net Wt. | 1-9 | 10-24 |
|-----------|-----------|----------------|---------------|-------------------|---------|------|-------|
| TA-13 | A3250* | 5K, 10, 20K CT | 4 | 2x3 1/4x1 3/4 | 1 | 4.11 | 3.77 |
| TA-23 | A3822 | 7-10K | 4 | 1 3/8x2 3/4x1 3/8 | 3/4 | 1.91 | 1.75 |
| TA-24 | A3823 | 4-14K CT | 8 | 1 3/8x2 7/8x1 1/2 | 3/4 | 3.30 | 3.03 |
| TA-25 | A3825 | 1.5-4.5K | 8 | 2x3 1/4x1 3/4 | 1 1/4 | 2.58 | 2.37 |
| TA-26 | A3830 | 3.10K CT | 20 | 2 1/2x3 3/4x2 1/4 | 2 | 4.41 | 4.05 |
| TA-28 | A3841† | 2.5, 4.5, 6, 7 | 10 | 2 1/2x3 3/4x2 1/4 | 1 1/2 | 4.90 | 4.50 |
| TA-30 | A3849 | 1.5-10K | 10 | 1 3/8x2 7/8x1 1/2 | 1 | 3.30 | 3.03 |
| TA-31 | A3850 | 4-14K CT | 8 | 2x3 1/4x1 1/4 | 1 | 3.25 | 2.99 |
| TA-32 | A3852 | 4-14K CT | 18 | 2 3/8x2 7/8x2 | 1 3/4 | 3.99 | 3.66 |
| TA-33 | A3856 | 4-14K CT | 4 | 1 3/8x2 3/8x1 3/8 | 1 3/4 | 2.84 | 2.61 |
| TA-12 | A3870 | 4-14K CT | 18 | 2x3 1/4x2 | 1 3/4 | 4.07 | 3.73 |
| TA-39 | A3880 | 4-14K CT | 15 | 2 1/4x3 3/4x2 1/2 | 1 3/4 | 4.30 | 3.95 |
| TA-111† | A3824 | 6-10K | 8 | 2x3 1/4x2 | 1 3/4 | 3.23 | 2.97 |

FIXED OUTPUT TRANSFORMERS

All are type A mtg. except * is C. A3337 similar to A but leads come out side.

| Stock No. | Stan. No. | Primary | Secondary | Watts | In. Mtg. Centers | Shpg. Wt. | Net Each | 1-9 | 10-24 |
|-----------|-----------|----------|----------------|-------|------------------|-------------|----------|------|-------|
| TA-10 | A2312 | 14,000CT | | 4 | 10 | 2 3/4 | 1 1/4 | 2.79 | 2.56 |
| TA-11 | A2313 | 7,000 | | 8 | 10 | 2 1/2 | 1 | 2.50 | 2.29 |
| TA-14 | A3304* | 7M CT | 500/16/8/4 | 25 | 2x1 1/8 | 2 3/4 | 6.30 | 5.79 | |
| TA-15 | A3311* | 10K CT | 500/15/8/4 | 25 | 2 1/4x2 | 3 1/2 | 6.77 | 6.22 | |
| TA-16 | A3327 | 25K | | 4 | 5 | 2 | 1/2 | 1.80 | 1.66 |
| TA-17 | A3328 | 4,000 | 3.5 | 3 | 1 3/4 | 1/2 | 1.32 | 1.21 | |
| TA-18 | A3329 | 8,000 | 3.5 | 3 | 1 3/4 | 1/2 | 1.32 | 1.21 | |
| TA-19 | A3332 | 2,000 | 3.2 | 3 | 1 3/4 | 1/2 | 1.36 | 1.25 | |
| TA-20 | A3337 | 5K | 6.8 | 10 | 2 3/4 | 1 | 2.28 | 2.10 | |
| TA-21 | A3800* | 5,000CT | 500/250/15/8/4 | 30 | 2 1/4x2 | 4 | 6.73 | 6.18 | |
| TA-22 | A3801* | 6,000CT | 500/250/15/8/4 | 35 | 2 1/2x2 3/8 | 5 1/4 | 8.58 | 7.88 | |
| TA-27 | A3831 | 10K CT | 8/4/2 | 5 | 2 3/8 | 1 | 2.65 | 2.43 | |
| TA-34 | A3857 | 25M CT | | 4 | 5 | 2 | 3/4 | 2.35 | 2.16 |
| TA-35 | A3876 | 2,000 | | 4 | 5 | 2 | 3/4 | 1.45 | 1.33 |
| TA-36 | A3877 | 5,000 | | 4 | 5 | 2 | 3/4 | 1.45 | 1.33 |
| TA-37 | A3878 | 7,000 | | 4 | 5 | 2 | 3/4 | 1.49 | 1.37 |
| TA-38 | A3879 | 10,000 | | 4 | 5 | 2 | 3/4 | 1.45 | 1.33 |
| TA-104 | A8093 | 10,000CT | | 4 | 10 | 1 1/2x2 7/8 | 1/2 | 2.13 | 1.95 |
| TA-105 | A8094 | 4,000CT | 8/16/32 | 7 1/2 | 2 1/4x3 3/8 | 1 1/2 | 3.99 | 3.66 | |
| TA-106 | A8114 | 7,600 | 3.2 | 5 | 2 | 1 1/2 | 1.72 | 1.58 | |

FILTER CHOKES

All rated 1500V ins except * are 3000V and † are 2000V; ● 2500V. All type A Mtg except ‡ are C and ◆ are NV, # are TD, ▲ are BH.

| Stock No. | Stan. No. | Hys. | Ma | Ohms | Size | Wt. Lbs. | Net Each | 1-9 | 10-24 |
|-----------|-----------|------|-----|------|-------------------|----------|----------|------|-------|
| TA-147 | C-1001* | 10.5 | 110 | 225 | 2 3/4x4x2 1/4 | 2.3 | 3.52 | 3.23 | |
| TA-153 | C-1002 | 15.0 | 75 | 400 | 2 1/4x3 3/4x2 1/4 | 1.7 | 2.82 | 2.59 | |
| TA-154 | C-1003 | 16.0 | 50 | 580 | 2x3 1/4x1 3/4 | 1.1 | 2.13 | 1.95 | |
| TA-146 | C-1080 | 3.5 | 50 | 200 | 1 3/8x1 1/2x2 3/8 | 0.7 | 1.62 | 1.48 | |

STANCOR

TRANSFORMERS

STANCOR



INTERCOM AND TRANSCIEVER TRANSFORMER

A3833 and A3817 are for citizens band transceivers; A4749 for telephone patch circuits; A4744 for intercoms voice coil to grid input. Max. watts: †3; ‡5; †‡8; †10.

| Stock No. | Stan. No. | Fig. | Pri Ohms | Sec. Ohms | Size | Wt. Lbs. | Net Each |
|-----------|-----------|------|----------|-----------|------------------------|----------|----------|
| TA-396 | A3833 | A | 200/5000 | 60,000 | 1 3/8 x 2 3/4 x 1 1/2" | 1 | 2.81 |
| TA-397 | A4744 | VE | 4 | 25,000 | 1 3/8 x 2 3/4 x 1 1/2" | 3/4 | 1.98 |
| TA-398 | A4749 | TD | 10 | 500 | 1 1/8 x 2 1/4 x 1 1/2" | 1 | 4.75 |
| TA-399 | A8090† | Q | 45-50 | 3-4/6-8 | 1 3/8 x 2 3/4 x 1 1/2" | 3/4 | 1.73 |
| TA-400 | A8091‡ | Q | 45-50 | 3-4/6-8 | 1 3/8 x 2 3/4 x 1 1/2" | 1 | 2.06 |
| TA-401 | A3817† | A | 5000 | 6750/4 | 1 1/8 x 1 1/2 x 2 3/8" | 3/4 | 2.94 |

TELEVISION POWER TRANSFORMERS

Replacement use in standard TV receivers. Plate windings are CT. Leads are stripped and tinned and color coded to E.I.A. standards. All have copper shorting band to reduce external magnetic field except †. All primaries are 117V, 60 CPS AC except ‡ which is 117/107V. All are M type mtg; except † which is C type listed on previous page.

| Stock No. | Stan. No. | Plate | Rect. | Filaments | Overall | Wt. Lbs. | Net Each |
|-----------|-----------|-------|-------|-----------------|------------------------|----------|----------|
| TA-428† | P-5059† | 675 | 200 | 5 3/3 6.3 C.T. | 4 3/8 x 3 3/4 x 4 1/2" | 9 3/4 | 13.06 |
| TA-429 | P-6315† | 740 | 275 | 5 3/3 6.3 C.T. | 4 3/8 x 3 3/4 x 4 1/2" | 9 3/4 | 13.68 |
| TA-430 | P-8159 | 720 | 290 | 5 3/3 5/6.3/6.3 | 2/8/1/6 | 10 | 17.29 |
| TA-431 | P-8160† | 720 | 185 | 5 3/3 6.3 | 4 3/8 x 3 3/4 x 4 1/2" | 10 | 16.23 |
| TA-432 | P-8164 | 600 | 225 | 5 3/3 6.3 | 4 3/8 x 3 3/4 x 4 1/2" | 7 1/2 | 15.88 |
| TA-433 | P-8166 | 680 | 330 | 5 3/6 6.3/6.3/3 | 6 x 3 1/2 x 4 3/4" | 13 | 19.30 |
| TA-434 | P-8167 | 560 | 400 | 5 3/6 6.3/6.3 | 4 5/8 x 4 1/2" | 13 | 19.73 |
| TA-435 | P-8169 | 760 | 220 | 5 3/6 6.3/6.3 | 1.2/5/7 | 10 1/2 | 16.77 |
| TA-436† | P-8170 | 760 | 220 | 5 3/6 6.3/6.3 | 4 3/8 x 4 1/2" | 10 1/2 | 16.31 |
| TA-437 | P-8171 | 750 | 225 | 5 3/6 6.3/6.3 | 2.0/9.0 | 10 1/2 | 17.64 |
| TA-438 | P-8172 | 540 | 200 | 5 3/6 6.3 | 8.5 | 7 | 13.85 |
| TA-439 | P-8331 | 620 | 240 | 5 3/6 6.3/6.3 | 6.4/3 | 9 | 14.12 |
| TA-440 | P-8333 | 590 | 225 | 5 3/6 6.3/6.3 | 11.4/9 | 10 | 16.43 |
| TA-441 | P-8334 | 550 | 305 | 5 3/6 6.3/6.3 | 8.5/1.2 | 13 | 16.96 |
| TA-442 | P-8335 | 600 | 325 | 5 3/6 6.3/6.3 | 8.8/1.5 | 13 | 17.00 |
| TA-443 | P-8337† | 630 | 225 | 5 3/6 6.3 | 8.25 | 8 1/2 | 14.93 |
| TA-444† | P-8339† | 650 | 255 | 5 3/12.6 C.T. | 4 7/8 x 3 3/4 x 5" | 12 | 18.40 |
| TA-445 | P-8340 | 710 | 270 | 5 3/6 6.3/6.3 | 9.5/1.65/2.4 | 13 | 17.57 |
| TA-446 | P-8342 | 730 | 260 | 5 3/6 6.3/6.3 | 8.85/1.2 | 8 1/2 | 13.50 |
| TA-447† | P-8352 | 580 | 240 | 5 3/12.6 C.T. | 5.25 | 6 1/2 | 10.95 |
| TA-448† | P-8356 | 540 | 260 | 5 3/6.3 | 8.8 | 6 1/2 | 10.95 |

ISOLATION TRANSFORMERS

Electrostatic shields are ground internally to core. All have 1500V insul. † Pri. tapped for 125, 115 and 105V with 115V Sec. † 117V. Pri., tapped sec. for sockets for 105, 115 and 125V. † 117V Pri. to 117V Sec.

| Stock No. | Stan. No. | Fig. | Size | Watts | Wt. Lbs. | 1-9 | 10-24 |
|-----------|-----------|------|------------------------|-------|----------|-------|-------|
| TA-449 | P-6160† | KA | 4 3/8 x 4 3/8" | 100 | 7 | 14.19 | 13.03 |
| TA-450X | P-6298† | KA | 7 3/8 x 6 1/4 x 7 3/8" | 500 | 28 | 42.27 | 38.82 |
| TA-451 | P-6371† | TE | 5 3/8 x 4 3/8 x 5 1/4" | 175 | 9 | 18.95 | 17.41 |
| TA-452 | P-6410† | K | 3 3/8 x 2 1/8 x 3 1/8" | 50 | 4 | 7.77 | 7.14 |
| TA-453 | P-6415† | KC | 5 3/8 x 4 1/2 x 5 3/4" | 350 | 17 | 23.05 | 21.17 |

C. R. T. POWER TRANSFORMER

P-8178 For use with 2X2 tubes in half-wave voltage supplies, as in scopes, and other test equipment, etc. Primary 117V 50/60 CPS. Plate 1800V AC at 2 ma. Rectifier filament 2.5V at 1.8 amps. Fil. 1.63V at 0.6 amps tapped at 2.5V at 2.2 amps. Size: 3 7/8 x 3 3/4 x 3 3/4". Mtg. centers 2 1/2". Shpg. wt., 5 lbs. TA-454 1-9 ea., 9.03 10-24 ea., 8.29



LINE TO VOICE COIL TRANSFORMERS

All are J type Mtg. except † which is Q type Mtg. ‡ 25V type. † 70.7V type. # 140V type. # For one or more spks. in parallel across a 500 ohm line. § power steps in watts.

| Stock No. | Stan. No. | Pri. | Sec. | Impedance | Watts Ctrs. | Wt. Lbs. | 1-9 | 10-24 |
|-----------|-----------|------------------------------|------------|---|-------------|----------|------|-------|
| TA-402 | A3818 | 1500/1000/500 | 15/8/4 | .06 to 8, .12 to 8 | 25 3/4 | 2 1/2 | 4.82 | 4.43 |
| TA-403 | A3837m | 500/1000/1500/2000/2500/3000 | 15/8/4/4/4 | .18 to 24, .24 to 32 .30 to 40, .36 to 48 | 15 2 3/4 | 1 1/4 | 3.93 | 3.60 |
| TA-404 | A3883 | 500 | 15/8/6/4 | | 25 2 3/4 | 1 1/4 | 3.35 | 3.10 |
| TA-405* | A7947 | 2000/1500/1000/500 | 6-8/3.2 | | 8 2 3/4 | 3/4 | 2.87 | 2.64 |
| TA-406 | A7949 | 2000/1500/1000/500 | 6-8/3.2 | | 12 2 3/4 | 1 1/4 | 3.37 | 3.10 |
| TA-407 | A8101 | 500 | 6-8/3.2 | | 5 2 | 3/2 | 1.73 | 1.59 |
| TA-408 | A8102† | 8/4/2/1/0.55 | 4/8/16 | | 8 2 | 3/2 | 3.43 | 3.15 |
| TA-409 | A8103‡ | 16/8/4/2/1/0.55 | 4/8/16 | | 16 2 1/2 | 1 1/2 | 4.85 | 4.45 |
| TA-410 | A8104 | 3000/2000/1500/1000/500 | 16/8/4 | | 10 2 3/4 | 1 1/2 | 3.99 | 3.66 |
| TA-411* | A8105† | 5/2.5/1.25/.62/.315 | 4/8 | | 5 2 | 3/2 | 2.78 | 2.56 |
| TA-412 | A8106# | 8/4/2/1/5 | 4/8/16 | | 8 2 | 3/2 | 2.94 | 2.70 |
| TA-413 | A8107# | 16/8/4/2/1/5 | 4/8/16 | | 16 2 1/2 | 1 1/4 | 4.64 | 4.27 |
| TA-414 | A8080† | 5/4/3/2/1/5 | 8/16 | | 5 2 | 3/2 | 2.85 | 2.62 |
| TA-415 | A8081† | 10/9/8/7/6/5 | 8/16 | | 10 2 | 3/4 | 3.10 | 2.84 |
| TA-416 | A8082† | 15/14/13/12/11/8 | 8/16 | | 15 2 3/4 | 1 1/2 | 3.59 | 3.29 |
| TA-417* | A8095† | 5/2.5/1.25/.62/.315 | 4/8 | | 5 2 | 3/4 | 2.54 | 2.42 |
| TA-418 | A8096† | 8/4/2/1/0.55 | 4/8/16 | | 8 2 | 3/4 | 3.53 | 3.24 |
| TA-419 | A8097† | 16/8/4/2/1/0.55 | 4/8/16 | | 16 2 1/2 | 1 1/4 | 4.23 | 3.89 |

RECTIFIER TRANSFORMERS

Designed to operate in full-wave center-tapped or bridge type circuits. Each transformer has a tapped primary and a tapped additional winding permitting a wide range of output voltages. All are BV mtg type. Primaries are for 117V 50/60 CPS AC operation. * Has multiple secondary. † one secondary. Supplied with wiring chart.

| Stock No. | Stan. No. | Range of AC Volts | Max. O.C. Output Load Resistive | Capacitive | Size | Wt. Lbs. | 1-9 | 10-24 |
|-----------|-----------|-------------------|---------------------------------|---------------|------------------------|----------|-------|-------|
| TA-420 | RT-201 | 11.7 to 29.4 | 11.2V @ 2.0A | 13.8V @ 2.0A | 3 3/8 x 2 1/2 x 2 1/2" | 2 1/2 | 4.97 | 4.56 |
| TA-421 | RT-202 | 11.1 to 28.5 | 23.0V @ 1.25A | 30.0V @ 1.25A | 3 3/8 x 2 1/2 x 2 1/2" | 4 | 6.75 | 6.20 |
| TA-422 | RT-204 | 12.0 to 29.8 | 11.3V @ 2.0A | 14.7V @ 2.0A | 4 3/4 x 4 1/2 x 4 1/2" | 6 1/4 | 8.73 | 8.01 |
| TA-423 | RT-206 | 11.7 to 29.2 | 12.0V @ 8.0A | 14.5V @ 8.0A | 4 3/4 x 3 3/4 x 4 1/2" | 9 3/4 | 11.87 | 10.89 |
| TA-424 | RT-208 | 11.6 to 29.2 | 22.0V @ 4.0A | 32.4V @ 4.0A | 4 3/4 x 3 3/4 x 4 1/2" | 12 1/2 | 14.95 | 13.73 |
| TA-425X | RT-2012 | 12.2 to 29.0 | 11.4V @ 22.5A | 14.3V @ 22.5A | 5 3/8 x 4 3/8 x 4 3/8" | 21 | 22.05 | 20.24 |
| TA-426 | P-8193 | 12.2 to 29.0 | 23.5V @ 12.0A | 33.0V @ 12.0A | 3 3/8 x 3 1/8 x 3 3/8" | 6 | 8.44 | 7.75 |
| TA-427 | P-8194 | 17-18V @ 6A† | 14.0V @ 5.0A | 17.0V @ 4.0A | 4 1/2 x 3 3/4 x 4 1/2" | 10 | 14.35 | 13.18 |

TUBE CHECKER MULTI-TAPPED FILAMENT TRANSFORMER

P-1834-3 Multiple-secondary type transformer for use in tube testers. Pri. 125/115/105 V. AC. Secondary output volts in 1/1.4/1.5/2.0/2.5/3.0/3.4/4.0/5.0/6.3/7.0/7.5/12/20/25/30/35/50/70/85/110/117. Size: 2 3/8 x 4 1/2 x 1 1/2". Mtg. ctrs 3 3/8". Shpg. wt., 2 1/2 lbs. Supplied with complete data sheet. TA-455 1-9 ea., 9.92 10-24 ea., 9.11



SPECIAL LAFAYETTE TRANSFORMER VALUE

SPECIAL LAFAYETTE TRANSFORMER VALUES



Matches 50L6, 35L6, etc. to 3-4 ohm voice coil. Shpg. wt., 1/2 lb.
 TR-10—Singly, each .49 Lots of 5, Ea. .45 Lots of 10, Ea. .39
6.3 VOLT FILAMENT TRANSFORMER
 Primary 115V. Secondary 6.3V at 1 amp. Shpg. wt., 3/4 lbs.
 TR-11—Singly, each .89 Lots of 5, Ea. .81

UNIVERSAL OUTPUTS

Match any single or push-pull output tubes to any voice coil. Shpg. wt., 3/4 lbs.
 TR-12—4 watt—Singly, each 1.19 In lots of 5, each .99
 TR-13—8 watt—Singly, each 1.45 In lots of 5, each 1.30

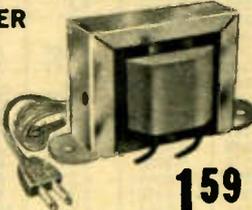
STEP DOWN AUTO TRANSFORMERS

230 to 115V. All supplied with 6' Heavy duty line Cord and built in receptacle.

| Stock # | Wattage | Primary | Secondary | Shpg. Wt. | Singly each | Lots of 5 each |
|----------|---------|---------|-----------|-----------|-------------|----------------|
| TR-100 | 100 | 230 | 115V | 5 | 4.00 | 3.60 |
| TR-101 | 150 | 230 | 115V | 5 1/2 | 4.65 | 4.20 |
| TR-102 | 250 | 230 | 115V | 8 | 6.40 | 5.80 |
| TR-103 | 350 | 230 | 115V | 9 1/2 | 6.85 | 6.15 |
| TR-104 | 500 | 230 | 115V | 14 | 8.65 | 7.80 |
| TR-105 | 750 | 230 | 115V | 19 | 11.50 | 10.35 |
| TR-106WX | 1000 | 230 | 115V | 25 | 15.40 | 13.90 |
| TR-107WX | 1500 | 230 | 115V | 31 | 18.35 | 16.50 |

POWER/ISOLATION TRANSFORMER

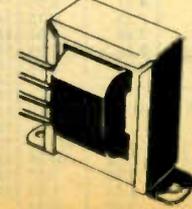
Here is a versatile power transformer that is ideal for experimenters, hobbyists and constructors. Primary 117 volts and secondary 105 volts no-load—82 volts with 150 ma filament load. Literally hundreds of uses for this versatile unit. A 12 page booklet gives pictorial and schematic diagrams for using this transformer in circuits for broadcast receiver phono oscillator, audio amplifier broadcast station, code practice oscillator, capacity operated relay, signal tracer, electronic timer, electronic switch and photocell relay. Minimizes the danger of shock by isolating circuits from the power line. Size: 2 1/4 x 2 1/2 x 1 1/2". Shpg. wt., 3 lbs.
 TR-91 Transformer Net 1.59



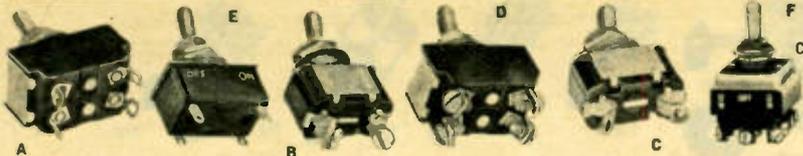
159

POWER TRANSFORMER FOR SELENIUM RECTIFIER CIRCUITS

Most popular replacement power transformer for circuits using selenium rectifiers or rectifier tubes such as 6AX5, 6X4, 6X5. Primary is 117V 60 Cycles A.C. Plate supply is 125 VAC 1/2 wave at 15 ma with two 6.3V 0.6 amp filament windings. Size: 2 x 2 3/8 x 1 3/8". Mounting centers 2". Shpg. wt., 1 lb. TR-121 Net 1.59



J-B-T SWITCHES FOR INDUSTRY



J-B-T GOV'T. SPEC. TOGGLE SWITCHES

CIRCUIT CODE Following explains number in column headed "CIR."
 1. ON-OFF
 2. ON-ON
 3. ON-MOMENTARY OFF
 4. OFF-MOMENTARY ON
 5. ON-OFF-ON
 6. ON-MOMENTARY ON
 7. MOMENTARY ON-MOMENTARY ON
 8. ON-OFF-MOMENTARY ON
 9. MOMENTARY ON-OFF-MOMENTARY ON

JAN-S-23 and MIL-S-21195 HEAVY DUTY SWITCHES

All meet JAN-S-23 and MIL-S-21195 specifications. Nominally rated 20 amp at 125 VAC, 10 amps at 250 VAC. Body size including terminals: ST40 1 1/4 x 1 1/4 x 3/4"; ST42 1 1/4 x 1 1/4 x 3/4"; ST50S, T 1 1/4 x 1 1/4 x 3/4"; ST52S, T 1 1/4 x 1 1/4 x 3/4". All others 1 1/4 x 1 1/4 x 3/4". All have 3/16" bushing and 1/4" bat handle. Types with binding head screw

terminals meet JAN-S-23 and MIL-S-21195 specs.; types with solder lug terminals meet JAN-S-23. Avg. shpg. wt., 3 oz.

| Stock No. | Govt. Type | Cir. | Net Each, In Lots Of | | | |
|---|------------|------|----------------------|-------|---------|---------|
| | | | 1-29 | 30-99 | 100-249 | 250-500 |
| Single Pole Single Throw—Screw Terminals (Fig. B) | | | | | | |
| 3SW-509 | ST40A | 1 | 1.01 | .84 | .67 | .59 |
| 3SW-510 | ST40B | 3 | 1.10 | .92 | .74 | .64 |
| 3SW-511 | ST40C | 4 | 1.10 | .92 | .74 | .64 |
| Single Pole Single Throw With Solder Terminal (Fig. C) | | | | | | |
| 3SW-512 | ST42A | 1 | .95 | .79 | .63 | .59 |
| 3SW-513 | ST42B | 3 | 1.04 | .87 | .69 | .65 |
| 3SW-514 | ST42C | 4 | 1.04 | .87 | .69 | .65 |
| Single Pole Double Throw—Screw Terminal (Fig. B) | | | | | | |
| 3SW-515 | ST40D | 2 | 1.21 | 1.01 | .81 | .78 |
| 3SW-516 | ST40E | 5 | 1.21 | 1.01 | .81 | .78 |
| 3SW-517 | ST40F | 6 | 1.31 | 1.09 | .87 | .82 |
| 3SW-518 | ST40G | 7 | 1.31 | 1.09 | .87 | .82 |
| 3SW-519 | ST40H | 8 | 1.31 | 1.09 | .87 | .82 |

| Stock No. | Govt. Type | Cir. | Net Each, In Lots Of | | | |
|--|------------|------|----------------------|-------|---------|---------|
| | | | 1-29 | 30-99 | 100-249 | 250-500 |
| Single Pole Double Throw—Solder Terminal Lug (Fig. C) | | | | | | |
| 3SW-520 | ST42D | 2 | 1.12 | .94 | .75 | .65 |
| 3SW-521 | ST42E | 5 | 1.12 | .94 | .75 | .65 |
| 3SW-522 | ST42F | 6 | 1.23 | 1.03 | .82 | .77 |
| 3SW-523 | ST42G | 9 | 1.23 | 1.03 | .82 | .77 |
| 3SW-524 | ST42H | 8 | 1.23 | 1.03 | .82 | .77 |
| Double Pole Single Throw—Screw Terminal (Fig. D) | | | | | | |
| 3SW-525 | ST50K | 1 | 1.25 | 1.04 | .83 | .78 |
| 3SW-526 | ST50L | 3 | 1.46 | 1.22 | .98 | .92 |
| 3SW-527 | ST50M | 5 | 1.46 | 1.22 | .98 | .92 |
| Double Pole Single Throw—Solder Lug Terminal (Fig. E) | | | | | | |
| 3SW-528 | ST52K | 1 | 1.13 | .94 | .76 | .71 |
| 3SW-529 | ST52L | 3 | 1.27 | 1.06 | .85 | .80 |
| 3SW-530 | ST52M | 4 | 1.27 | 1.06 | .85 | .80 |

| Stock No. | Govt. Type | Cir. | Net Each, In Lots Of | | | |
|--|------------|------|----------------------|-------|---------|---------|
| | | | 1-29 | 30-99 | 100-249 | 250-500 |
| Double Pole Double Throw—Screw Terminal (Fig. D) | | | | | | |
| 3SW-531 | ST50N | 2 | 1.46 | 1.22 | .98 | .92 |
| 3SW-532 | ST50P | 5 | 1.46 | 1.22 | .98 | .92 |
| 3SW-533 | ST50R | 6 | 1.68 | 1.39 | 1.11 | 1.04 |
| 3SW-534 | ST50S | 9 | 1.68 | 1.39 | 1.11 | 1.04 |
| 3SW-535 | ST50T | 8 | 1.68 | 1.39 | 1.11 | 1.04 |
| Double Pole Double Throw—Solder Lug Terminal (Fig. E) | | | | | | |
| 3SW-536 | ST52P | 5 | 1.27 | 1.06 | .85 | .80 |
| 3SW-537 | ST-52N | 2 | 1.27 | 1.06 | .85 | .80 |
| 3SW-538 | ST52R | 6 | 1.48 | 1.23 | .98 | .92 |
| 3SW-539 | ST52S | 9 | 1.48 | 1.23 | .98 | .92 |
| 3SW-540 | ST52T | 8 | 1.48 | 1.23 | .98 | .92 |

JAN-S-23 MEDIUM DUTY SWITCHES

Fig. A. All meet JAN-S-23 specifications. All rear connected, with solder lug terminals. Nominally rated 6 amps at 125V AC, 3 amps at 250V AC. Enclosed body 1 1/4 x 3/4 x 1 1/4" with 1/4" bat handle. Bushing 3/16" except * are 1/4" Avg. shpg. wt., 3 oz.

| Stock No. | Govt. No. | Cir. | Net Each, In Lots Of | | | |
|---------------------------------|-----------|------|----------------------|-------|---------|---------|
| | | | 1-29 | 30-99 | 100-249 | 250-500 |
| SINGLE POLE SINGLE THROW | | | | | | |
| 3SW-500 | ST12A | 1 | .69 | .65 | .59 | .56 |
| 3SW-501 | ST12C | 3 | .79 | .74 | .69 | .67 |
| SINGLE POLE DOUBLE THROW | | | | | | |
| 3SW-502 | ST12D | 2 | .79 | .74 | .69 | .67 |
| 3SW-503 | ST13D* | 2 | .79 | .74 | .69 | .67 |
| DOUBLE POLE SINGLE THROW | | | | | | |
| 3SW-504 | ST22K | 2 | .99 | .92 | .86 | .84 |
| 3SW-505 | ST22M | 4 | 1.08 | 1.01 | .94 | .92 |
| 3SW-506 | ST23K* | 1 | .99 | .92 | .86 | .84 |
| DOUBLE POLE DOUBLE THROW | | | | | | |
| 3SW-507 | ST22N | 2 | 1.08 | 1.01 | .94 | .92 |
| 3SW-508 | ST23N* | 2 | 1.08 | 1.01 | .94 | .92 |

MIL-S-3950A HVY. DUTY SWITCHES

All meet MIL-S-3950A specifications including seal and water submersion requirements. 20,000 make and break cycles, temperature and endurance test at 400 cycles. All have screw terminals and 1/4" bat handle. Dimen-

sions MS35058—1 1/4 x 1 1/4 x 3/4" MS35059—1 1/4 x 1 1/4 x 3/4" except * are 1 1/4 x 1 1/4 x 3/4", MS-25068—1 1/4 x 1 1/4 x 3/4". Normally rated 20 amp at 125 VAC, 10 amp at 250V AC. Shpg. wt., 3 oz.

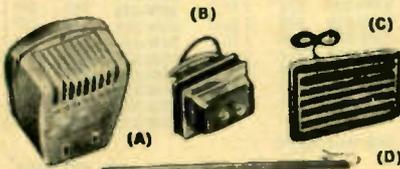
| Stock No. | Govt. No. | Cir. | Net Each, In Lots Of | | | |
|--|------------|------|----------------------|-------|---------|---------|
| | | | 1-29 | 30-99 | 100-249 | 250-500 |
| SINGLE POLE SINGLE THROW (FIG. B) | | | | | | |
| 3SW-541 | MS35058-22 | 1 | 1.24 | 1.03 | .82 | .72 |
| 3SW-542 | MS35058-29 | 3 | 1.38 | 1.15 | .92 | .80 |
| 3SW-543 | MS35058-30 | 4 | 1.38 | 1.15 | .92 | .80 |
| 3SW-544 | MS35058-24 | 1 | 1.26 | 1.05 | .84 | .74 |
| 3SW-545 | MS35058-28 | 4 | 1.44 | 1.20 | .96 | .84 |
| 3SW-546 | MS35058-25 | 3 | 1.44 | 1.20 | .96 | .84 |
| SINGLE POLE DOUBLE THROW (FIG. B) | | | | | | |
| 3SW-547 | MS35058-23 | 2 | 1.46 | 1.22 | .98 | .85 |
| 3SW-548 | MS35058-21 | 5 | 1.46 | 1.22 | .98 | .85 |
| 3SW-549 | MS35058-26 | 6 | 1.58 | 1.29 | 1.03 | .90 |
| 3SW-550 | MS35058-27 | 9 | 1.58 | 1.31 | 1.05 | .92 |
| 3SW-551 | MS35058-31 | 8 | 1.58 | 1.31 | 1.05 | .92 |
| DOUBLE POLE SINGLE THROW (FIG. D) | | | | | | |
| 3SW-552 | MS35059-22 | 1 | 1.81 | 1.29 | 1.03 | .90 |
| 3SW-553 | MS35059-29 | 3 | 2.12 | 1.52 | 1.21 | 1.06 |
| 3SW-554 | MS35059-30 | 4 | 2.12 | 1.52 | 1.21 | 1.06 |
| 3SW-555 | MS35059-24 | 1 | 2.06 | 1.47 | 1.18 | 1.03 |
| 3SW-556 | MS35059-25 | 3 | 2.21 | 1.58 | 1.26 | 1.10 |

| Stock No. | Govt. No. | Cir. | Net Each, In Lots Of | | | |
|--|-------------|------|----------------------|-------|---------|---------|
| | | | 1-29 | 30-99 | 100-249 | 250-500 |
| DOUBLE POLE DOUBLE THROW (FIG. D) | | | | | | |
| 3SW-557 | MS35059-23 | 2 | 2.09 | 1.50 | 1.20 | 1.05 |
| 3SW-558 | MS35059-21 | 5 | 2.09 | 1.50 | 1.20 | 1.05 |
| 3SW-559 | MS35059-26 | 6 | 2.38 | 1.70 | 1.36 | 1.19 |
| 3SW-560 | MS35059-27* | 9 | 2.38 | 1.70 | 1.36 | 1.19 |
| 3SW-561 | MS35059-31* | 8 | 2.38 | 1.70 | 1.36 | 1.19 |
| FOUR POLE SINGLE THROW (FIG. F) | | | | | | |
| 3SW-562 | MS25068-24 | 1 | 3.15 | 2.63 | 2.10 | 1.97 |
| 3SW-563 | MS25068-25 | 3 | 3.60 | 3.00 | 2.40 | 2.25 |
| 3SW-564 | MS25068-28 | 8 | 3.60 | 3.00 | 2.40 | 2.25 |
| FOUR POLE DOUBLE THROW (FIG. F) | | | | | | |
| 3SW-565 | MS25068-21 | 5 | 3.66 | 3.05 | 2.44 | 2.29 |
| 3SW-566 | MS25068-23 | 2 | 4.38 | 3.65 | 2.92 | 2.74 |
| 3SW-567 | MS25068-26 | 4 | 3.87 | 3.23 | 2.58 | 2.42 |
| 3SW-568 | MS25068-27 | 9 | 3.95 | 3.29 | 2.63 | 2.47 |
| 3SW-569 | MS25068-31 | 8 | 3.95 | 3.29 | 2.63 | 2.47 |

ATTENTION INDUSTRIALS

We can supply all JBT, JAN-S-23, MIL-S-21195, MIL-S-6745, MIL-S-3550 and MIL-S-3950A switches. Write or phone our Industrial Department for quotations.

"TAPESWITCH" MATS AND STRIPS



Tapeswitch mats close an electrical circuit whenever anyone—even a SMALL CHILD—steps on them. Actuated by less than 5 lbs. weight! Ideal as door mat annunciators in stores, offices, etc.; used to control automatic door openers in food and department stores; can be used to turn on lights, ring bells, actuate electric counters, etc. Perfect for alarm systems in homes, stores, and industry. These units are only 3/8" thick, can be placed under rugs without bulging. Durable brown, textured vinyl with 6 ft. connecting cord.
 SW-28 (Fig. C) Lots of 6, ea. 7.50 Singly ea. 8.33
 6x24" mat for use on stairs
 SW-29 Lots of 6, ea. 2.65 Singly ea. 2.94
TAPESWITCH STRIPS (Fig. D) with 4' connecting cord.
 SW-31 3/4"x2" Lots of 6, ea. 2.48 Singly ea. 2.75
 SW-32 3/4"x5" Lots of 6, ea. 4.28 Singly ea. 4.75
ACCESSORIES
 EL-52 10 volt transformer (Fig. B) for bell or chime Net 1.70
 EL-53 Single note chime (Fig. A) Net 1.95

FOOT SWITCH

195



Rugged, compact foot switch. Rated 6A.-125VAC. Push action, SPST, positive contact. Skid proof rubber base and housing. Efficient switching for tape recorders, dictating machines, musical instrument amplifiers, sewing machines, electric motors. Serves as safety device on many machines. 4 1/2 x 1 1/4 x 1 1/4" overall. Shpg. wt., 6 oz. Imported
 SW-100 Net ea., 1.95 in lots of 3, ea., 1.75

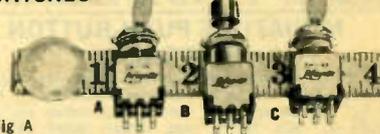
HEAVY DUTY LOCK SWITCH



- For Burglar Alarm Systems
- Hidden Auto Disconnect
- Power Tool Safety Switch

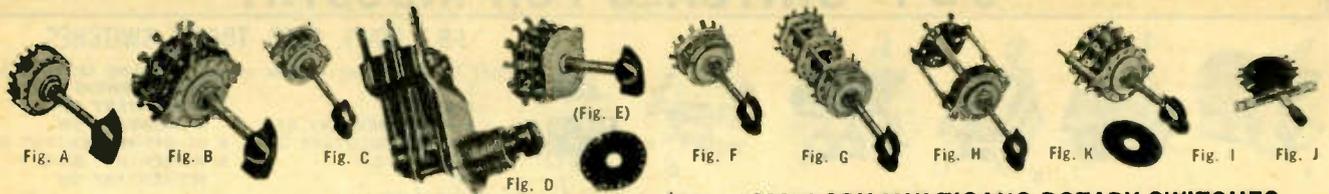
Heavy duty bakelite construction insures minimum internal resistance and greater current carrying capacity. Extra heavy contacts. Terminals set for simple installation—well recessed to prevent shorting. Installs in any hole from 3/4" to 1 1/8" in dia., in any panel up to 3/4" thick. Two terminal single throw. Key can be removed in both "on" and "off" position. Prevents tampering with automotive equipment—power tools—electrical appliances. Activates alarm systems—only key can shut off. Suitable for marine equipment. With 2 keys. Shpg. wt., 8 ozs.
 SW-75 Net 1.29

LAFAYETTE SUBMINIATURE TOGGLE SWITCHES



Industrial quality, subminiature, D.P.D.T., AC toggle switch. Rated at 10 amps, 125 volts A.C. Life tested through 100,000 cycles. Contact resistance, 0.01 ohms. Insulation resistance 100 megohms at 500 V.A.C. Maximum breakdown voltage 1000 V.A.C. Body size 1/2 x 1/2 x 3/8". Bushing 1/4 D x 3/8" L. Handle 3/8" L. Behind panel depth, including lugs, 3/4". Includes slip-on insulator for handle, mounting hardware and "on-off" plate. Shpg. wt., 2 ozs. Imported
 SW-76 Net ea., 1.49 Lots of 10 ea. 1.35
 Lots of 100 ea. 1.19
SUBMINIATURE MOMENTARY PUSH-BUTTON SWITCH
 (Fig. B) All dimensions and specifications exactly the same as SW-76 above except momentary push-button action. Imported
 SW-301 Net ea., 1.97 Lots of 10, ea., 1.89
 Lots of 100, ea., 1.72
SUBMINIATURE SPRING RETURN TYPE 6 AMP DPDT
 (Fig. C) All dimensions and specifications exactly as SW-76, above except rated at 6 amps, 125V A.C., with spring return action. Shpg. wt., 2 ozs. Imported
 SW-83 Net ea., 1.79 Lots of 10, ea. 1.62
 Lots of 100, ea. 1.44

MALLORY ROTARY, INDUSTRIAL AND HAM SWITCHES



MALLORY SINGLE GANG ROTARY SWITCHES

(Fig. A) Single gang, phenolic wafer. 1 1/4" diameter and 30° indexing except * are 1 1/8" and have 20° indexing and adjustable stop. Voltage breakdown 500 v AC or DC. 2" notched shaft with 3/8" threaded bushing, 3/8" long. With bar knob, nut and lockwasher. Shpg. wt., 4 oz.

| Shorting Type | | Non-Shorting | | Posi- tions | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 | |
|---------------|----------|--------------|----------|----------------|---------|------|-------|-------|-------|---------|------|
| Stock No. | Mfg. No. | Stock No. | Mfg. No. | | | | | | | | Each |
| 3 SW-351 | 3115J | SW-362 | 3215J | 1 | 5 | .99 | .84 | .76 | .72 | .67 | .60 |
| 3 SW-350 | 3112J | SW-363 | 3212J | 1 | 12 | .99 | .84 | .76 | .72 | .67 | .60 |
| 3 SW-353 | 3122J | SW-365 | 3222J | 2 | 2 | .99 | .84 | .76 | .72 | .67 | .60 |
| 3 SW-354 | 3123J | SW-366 | 3223J | 3 | 3 | .99 | .84 | .76 | .72 | .67 | .60 |
| 3 SW-355 | 3126J | SW-367 | 3226J | 2 | 6 | .99 | .85 | .78 | .74 | .68 | .61 |
| 3 SW-357 | 3134J | SW-369 | 3234J | 3 | 4 | 1.02 | .87 | .78 | .74 | .70 | .63 |
| 3 SW-358 | 3142J | SW-371 | 3242J | 4 | 2 | 1.02 | .87 | .78 | .74 | .70 | .63 |
| 3 SW-359 | 3143J | SW-372 | 3243J | 4 | 3 | 1.02 | .87 | .78 | .74 | .70 | .63 |
| 3 SW-352 | 31117J* | SW-364 | 32117J* | 1 | 2 to 17 | 1.52 | 1.29 | 1.16 | 1.10 | 1.03 | .93 |
| 3 SW-356 | 3129J* | SW-368 | 3229J* | 2 | 2 to 9 | 1.53 | 1.29 | 1.16 | 1.10 | 1.03 | .93 |
| 3 SW-360 | 3136J* | SW-370 | 3236J* | 3 | 2 to 6 | 1.63 | 1.38 | 1.24 | 1.18 | 1.10 | .99 |
| 3 SW-361 | 3163J* | SW-373 | 3263J* | 6 | 2 to 3 | 1.63 | 1.38 | 1.24 | 1.18 | 1.10 | .99 |

CERAMIC SELECTOR SWITCHES

(Fig. C) Ideal for RF circuits. All non-shorting. Ceramic insulation, silver plated contacts. 1/2" spacing between gangs except 1" on 3 gang. Voltage breakdown 500V AC or DC. Max. non-breaking resistive load is 10 amps. 1" mtg. radius. Notched shaft 2 1/4" diameter with 3/8" x 3/8" bushing. Adjustable stop. Type with * have added "OFF" position preceding others. With knob, nut and lockwasher. Shpg. wt., 8 oz.

| SINGLE GANG | | Poles | Pos. | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-------------|----------|-------|------|------|------|-------|-------|-------|---------|
| Stock No. | Mfg. No. | | | | | | | | |
| 3 SW-374 | 172C | 1 | 11 | 2.33 | 1.98 | 1.78 | 1.69 | 1.58 | 1.43 |
| 3 SW-375 | 173C* | 2 | 5 | 2.33 | 1.98 | 1.78 | 1.69 | 1.58 | 1.43 |
| 3 SW-376 | 174C* | 3 | 3 | 2.33 | 1.98 | 1.78 | 1.69 | 1.58 | 1.43 |

| TWO GANG | | Poles | Pos. | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-----------|----------|-------|------|------|------|-------|-------|-------|---------|
| Stock No. | Mfg. No. | | | | | | | | |
| 3 SW-377 | 176C | 1 | 11 | 3.31 | 2.82 | 2.54 | 2.41 | 2.26 | 2.03 |
| 3 SW-378 | 177C* | 2 | 5 | 3.31 | 2.82 | 2.54 | 2.41 | 2.26 | 2.03 |
| 3 SW-379 | 178C* | 3 | 3 | 3.31 | 2.82 | 2.54 | 2.41 | 2.26 | 2.03 |

| THREE GANG | | Poles | Pos. | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|------------|----------|-------|------|------|------|-------|-------|-------|---------|
| Stock No. | Mfg. No. | | | | | | | | |
| 3 SW-380 | 180C | 1 | 11 | 4.23 | 3.60 | 3.24 | 3.08 | 2.88 | 2.59 |
| 3 SW-381 | 181C* | 2 | 5 | 4.23 | 3.60 | 3.24 | 3.08 | 2.88 | 2.59 |

MINIATURE PUSH-BUTTON SWITCHES

(Fig. D) Non-locking type, contact made only when depressed. Silver contacts, cadmium plated frame. Mount in 1/8" hole on up to 1/4" panels. Mtg. radius 1 1/8". Mtg. depth 1/8" min. to 3/8" max. Circuit codes: M=make, B=break, MBB=make before break. Voltage breakdown 500 V DC. With hardware. Shpg. wt., 3 oz.

| Stock No. | | Mfg. No. | Circuit | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-----------|------|----------|---------|------|------|-------|-------|-------|---------|
| | | | | Each | Each | Each | Each | Each | Each |
| 3 SW-382 | 1011 | SPST-M | .67 | .57 | .51 | .48 | .46 | .41 | |
| 3 SW-383 | 1012 | SPST-B | .67 | .57 | .51 | .48 | .46 | .41 | |
| 3 SW-384 | 1013 | SPDT | .77 | .66 | .59 | .56 | .53 | .48 | |
| 3 SW-385 | 1014 | DPST-M2 | .84 | .72 | .65 | .62 | .58 | .52 | |
| 3 SW-386 | 1015 | DPST-B2 | .84 | .72 | .65 | .62 | .58 | .52 | |
| 3 SW-387 | 1016 | OPDT | 1.02 | .87 | .78 | .74 | .70 | .63 | |
| 3 SW-388 | 1017 | DP-M2B1 | 1.02 | .87 | .78 | .74 | .70 | .63 | |
| 3 SW-389 | 1018 | DPDT-MBB | 1.41 | 1.20 | 1.08 | 1.03 | .96 | .86 | |

24 POSITION TAP SWITCH

(Fig. E) Single circuit 24 positions, continuous rotation with no stops. 15° spacing between positions. Non-shorting. 2" notched shaft. 3/8" x 3/8" bushing. 2 phenolic sections. Voltage breakdown 1000V AC-DC. With knob, hardware and dial plate. Shpg. wt., 6 oz.

| Stock No. | | Mfg. No. | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-----------|--------|----------|------|------|-------|-------|-------|---------|
| | | | | Each | Each | Each | Each | Each |
| 3 SW-390 | 13124L | 2.71 | 2.31 | 2.08 | 1.98 | 1.85 | 1.67 | |

MALLORY MULTIGANG ROTARY SWITCHES

(Fig. B) Phenolic wafers. 1/2" spacing between gangs except 3 and 4 gang is 1". Indexing is 30°. Have 1 fixed and 1 adjustable stop. Voltage breakdown 1000V AC or DC. Contacting members silver coated. 2" notched shaft requires 3/8" mtg. hole. Types with * have additional off position with all circuits open. With bar knob, nut and lock washer. Avg. shpg. wt., 8 oz.

| Shorting Type | | Non-Shorting | | To- tal | Pos. Poles | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|---------------|----------|--------------|----------|------------|---------------|------|------|-------|-------|-------|---------|
| Stock No. | Mfg. No. | Stock No. | Mfg. No. | | | | | | | | |
| 3 SW-275 | 1211L | SW-291 | 1311L | 1 | 11 | 2.05 | 1.74 | 1.57 | 1.49 | 1.39 | 1.25 |
| 3 SW-278 | 1215L* | SW-294 | 1315L* | 1 | 2 | 5 | 2.05 | 1.74 | 1.57 | 1.49 | 1.39 |
| 3 SW-277 | 1213L* | SW-293 | 1313L* | 1 | 3 | 3 | 2.05 | 1.74 | 1.57 | 1.49 | 1.39 |
| 3 SW-276 | 1212L* | SW-292 | 1312L* | 1 | 4 | 2 | 2.05 | 1.74 | 1.57 | 1.49 | 1.39 |
| 3 SW-279 | 1221L | SW-295 | 1321L | 2 | 2 | 11 | 2.54 | 2.16 | 1.94 | 1.84 | 1.73 |
| 3 SW-282 | 1225L* | SW-298 | 1325L* | 2 | 4 | 5 | 2.54 | 2.16 | 1.94 | 1.84 | 1.73 |
| 3 SW-281 | 1223L* | SW-297 | 1323L* | 2 | 6 | 3 | 2.54 | 2.16 | 1.94 | 1.84 | 1.73 |
| 3 SW-280 | 1222L* | SW-296 | 1322L* | 2 | 8 | 2 | 2.54 | 2.16 | 1.94 | 1.84 | 1.73 |
| 3 SW-283 | 1231L | SW-299 | 1331L | 3 | 3 | 11 | 3.18 | 2.70 | 2.43 | 2.31 | 2.16 |
| 3 SW-284 | 1235L* | SW-300 | 1335L* | 3 | 6 | 5 | 3.18 | 2.70 | 2.43 | 2.31 | 2.16 |
| 3 SW-285 | 1241L | SW-301 | 1341L | 4 | 4 | 11 | 3.74 | 3.18 | 2.86 | 2.72 | 2.54 |
| 3 SW-286 | 1245L* | SW-302 | 1345L* | 4 | 8 | 5 | 3.74 | 3.18 | 2.86 | 2.72 | 2.54 |
| 3 SW-287 | 1251L | SW-303 | 1351L | 5 | 5 | 11 | 4.02 | 3.42 | 3.08 | 2.93 | 2.74 |
| 3 SW-288 | 1256L | SW-304 | 1356L | 5 | 10 | 6 | 4.45 | 3.78 | 3.40 | 3.23 | 3.02 |
| 3 SW-289 | 1261L | SW-305 | 1361L | 6 | 6 | 11 | 4.72 | 4.02 | 3.62 | 3.44 | 3.22 |
| 3 SW-290 | 1266L | SW-306 | 1366L | 6 | 12 | 6 | 5.40 | 4.59 | 4.13 | 3.92 | 3.67 |

DECADE SWITCHES

(Fig. F) Type 153L capacitor switch and 154L resistor switch for simple construction of decade boxes. Phenolic insulation. The number of positions is adjustable for use as a single decade or with more switches as a multiple decade. Requires only 4 capacitors or resistors for full decade operation. Depth behind panel is 1", lateral space 2". Voltage breakdown rating 500V DC or AC. Shaft 2" long x 1/4" diameter. With knob and hardware. Shpg. wt., 8 oz. Uses SW-324 Dial Plate.

| Stock No. | | Type | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-----------|------|------|------|------|-------|-------|-------|---------|
| | | | | Each | Each | Each | Each | Each |
| 3 SW-393 | 153L | 2.65 | 2.25 | 2.03 | 1.93 | 1.80 | 1.62 | |
| 3 SW-394 | 154L | 2.89 | 2.46 | 2.20 | 2.10 | 1.97 | 1.77 | |

CERAMIC "HAMBAND" SWITCHES

(Fig. G) cell are non-shorting with continuous rotation and 90° indexing. Rated 1000VDC and 100 Watts. 2 1/4" notched shaft with 3/8" x 3/8" bushing 2 gang have 1 1/2" spacing between other 1". Mtg. radius 1". with knob, nut and lock washer. Avg. shpg. wt., 8 oz.

| Stock Mfg. | | Total | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|------------|------|-------|------|------|-------|-------|-------|---------|
| | | | | Each | Each | Each | Each | Each |
| 3 SW-397 | 161C | 1 | 2.12 | 1.80 | 1.62 | 1.54 | 1.44 | 1.30 |
| 3 SW-398 | 162C | 2 | 3.00 | 2.55 | 2.30 | 2.19 | 2.04 | 1.84 |
| 3 SW-399 | 163C | 3 | 3.88 | 3.30 | 2.97 | 2.82 | 2.64 | 2.38 |
| 3 SW-400 | 164C | 4 | 4.76 | 4.05 | 3.65 | 3.47 | 3.24 | 2.92 |
| 3 SW-401 | 165C | 5 | 5.64 | 4.80 | 4.32 | 4.10 | 3.84 | 3.46 |

Mallory 488 dial plate per above. Shpg. wt., 2 oz. Net .12

TYPE 151L "HAMSWITCH"

(Fig. H) Non shorting, 2 section 5 position, 1 pole per section. 2 1/4" between sections, 60° indexing with adjustable stops. Ideal for switching up to 5 transmitter circuits to a single meter. Rated 1000VAC on 1500 DC. Mtg. depth 3 1/2 x 2 1/4" diameter notched shaft, 3/8" x 3/8" bushing with knob and hardware. Shpg. wt., 6 oz.

| Stock No. | | Type | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-----------|------|------|------|------|-------|-------|-------|---------|
| | | | | Each | Each | Each | Each | Each |
| 3 SW391 | 151L | 2.65 | 2.25 | 2.03 | 1.93 | 1.80 | 1.62 | |

3 SW-395 Type 487 Dial plate per above Net .12

CIRCUIT OPENING SWITCH

(Fig. I) For meter switching or opening of multiple circuits for insertion of one while maintaining others. Phenolic insulation, 2 to 11 position adjustable stop 2" grooved shaft 3/8" x 3/8" bushing. Indexing 30°. Max. volt 500 DC. Mtg. depth behind panel 1 1/2". Max. non-bushing current resistive load, 10 amp. With knob, hardware and dial plate. Shpg. wt., 6 oz.

| Stock No. | | Type | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-----------|-------|------|------|------|-------|-------|-------|---------|
| | | | | Each | Each | Each | Each | Each |
| 3 SW-396 | 1400L | 4.59 | 3.90 | 3.51 | 3.33 | 3.12 | 2.81 | |

LEVER ACTION SWITCHES

(Fig. J) Positive action, phenolic sections. 6000 series have mtg. brackets with round holes 1 1/8" apart; 5000 series have elongated holes in bracket with 2 1/8" centers. Voltage rating 500 VAC-DC. Max. non-breaking current resistive load, 5 amp. at 6 VAC. 20° indexing with knob and hardware. Shpg. wt., 4 oz.

| Stock No. | | Mfg. No. | Pos. | Per Pole | 1-4 | 5-9 | 10-24 | 25-49 | 50-99 | 100-499 |
|-----------|------|----------|------|----------|------|------|-------|-------|-------|---------|
| | | | | | | Each | Each | Each | Each | Each |
| 3 SW-402 | 5124 | 2 | 4 | 1.34 | 1.14 | 1.03 | .98 | .91 | .82 | |
| 3 SW-403 | 6142 | 4 | 2 | 1.17 | .99 | .89 | .85 | .79 | .71 | |
| 3 SW-404 | 6143 | 4 | 3 | 1.17 | .99 | .89 | .85 | .79 | .71 | |

Non-Shorting
 3 SW-405 5224 2 4 1.34 1.14 1.03 .98 .91 .82
 3 SW-406 6242 4 2 1.17 .99 .89 .85 .79 .71
 3 SW-407 6243 4 3 1.17 .99 .89 .85 .79 .71

MALLORY DIAL PLATES

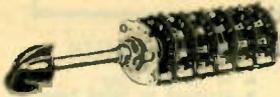
(Fig. K) Etched aluminum on black background. Use 30° spacing plates for all Mallory 1200 L and 1300 L series switches and for 1 1/4" base. 3100 J and 3200 J series. 20° spacing for 1 1/4" base switches in latter series. 1 1/4" diam., 3/8" hole. Shpg. wt., 2 oz.

| 30° SPACING FOR 1 1/4" BASE SWITCHES | | Stock No. | Mfg. No. | Marking | Stock No. | Mfg. No. | Marking |
|--------------------------------------|----------|-----------|----------|---------|------------|----------|---------|
| Stock No. | Mfg. No. | | | | | | |
| 3 SW-307 | 372 | 1 to 2 | 3 SW-316 | 381 | 1 to 11 | | |
| 3 SW-308 | 373 | 1 to 3 | 3 SW-317 | 382 | 1 to 12 | | |
| 3 SW-309 | 374 | 1 to 4 | 3 SW-318 | 383 | Off 1 to 3 | | |
| 3 SW-310 | 375 | 1 to 5 | 3 SW-319 | 384 | Off 1 to 4 | | |
| 3 SW-311 | 376 | 1 to 6 | 3 SW-320 | 385 | Off 1 to 5 | | |
| 3 SW-312 | 377 | 1 to 7 | 3 SW-321 | 386 | Off 1 to 6 | | |
| 3 SW-313 | 378 | 1 to 8 | 3 SW-322 | 387 | Off 1 to 7 | | |

SWITCHES FOR INDUSTRY-RADIO-TV-AUTO

MALLORY-GRIGSBY MINIATURE ROTARY SWITCHES

Commercial equivalent to MIL-S-3786. Breakdown voltage between contacts, and contacts and frames is 1700 V R.M.S., 60 cycles. Contact rating is 350 MA at 500 volts R.M.S. resistive load. Shaft is 2" long by 1/4" dia. with 1/2" spacing between wafers. Wafers are 1 1/4" dia. and 30° indexing. Overall dia. 1 3/4". Supplied with knob, adjustable stop, lock washer and nut.



PHENOLIC SWITCHES

Stators and rotors use Richardson T725 grade phenolic. Has common contact on same side as the switching contacts. Shpg. wt., 3 oz.

| Shorting Type Stock No. | Mfr. No. | Non-Shorting Stock No. | Mfr. No. | Cir. per Sec. | Pos. Sec. | 1-4 Ea. | 5-9 Ea. | 10-24 Ea. | 25-49 Ea. | 50-99 Ea. | 100-499 Ea. | |
|-------------------------|----------|------------------------|----------|---------------|-----------|---------|---------|-----------|-----------|-----------|-------------|------|
| 3SW-600 | 4M11111 | 3SW-617 | 4M21111 | 1 | 1 11 | 1.76 | 1.50 | 1.35 | 1.28 | 1.20 | 1.08 | |
| 3SW-601 | 4M1215 | 3SW-618 | 4M2215 | 2 | 1 | 1.76 | 1.50 | 1.35 | 1.28 | 1.20 | 1.08 | |
| 3SW-602 | 4M1215 | 3SW-619 | 4M21211 | 1 | 2 11 | 2.53 | 2.15 | 1.94 | 1.84 | 1.72 | 1.55 | |
| 3SW-603 | 4M1313 | 3SW-620 | 4M2313 | 3 | 1 | 3 | 1.76 | 1.50 | 1.35 | 1.28 | 1.08 | |
| 3SW-604 | 4M1313 | 3SW-621 | 4M21311 | 1 | 3 | 1 | 3 | 1.76 | 1.50 | 1.35 | 1.28 | |
| 3SW-605 | 4M1412 | 3SW-622 | 4M2412 | 4 | 1 | 2 | 1.76 | 1.50 | 1.35 | 1.28 | 1.08 | |
| 3SW-606 | 4M1412 | 3SW-623 | 4M2225 | 2 | 2 | 5 | 2.53 | 2.15 | 1.94 | 1.84 | 1.72 | 1.55 |
| 3SW-607 | 4M1411 | 3SW-624 | 4M21411 | 1 | 4 11 | 3.73 | 3.18 | 2.86 | 2.71 | 2.54 | 2.29 | |
| 3SW-608 | 4M1511 | 3SW-625 | 4M21511 | 1 | 5 11 | 4.38 | 3.73 | 3.35 | 3.18 | 2.98 | 2.68 | |
| 3SW-609 | 4M1323 | 3SW-626 | 4M2323 | 3 | 2 | 2.53 | 2.15 | 1.94 | 1.84 | 1.72 | 1.55 | |
| 3SW-610 | 4M1235 | 3SW-627 | 4M2235 | 2 | 3 | 5 | 3.18 | 2.70 | 2.43 | 2.31 | 2.16 | 1.94 |
| 3SW-611 | 4M1611 | 3SW-628 | 4M21611 | 1 | 6 11 | 4.94 | 4.20 | 3.78 | 3.59 | 3.36 | 3.02 | |
| 3SW-612 | 4M1422 | 3SW-629 | 4M2422 | 4 | 2 | 2 | 2.53 | 2.15 | 1.94 | 1.84 | 1.72 | 1.55 |
| 3SW-613 | 4M1245 | 3SW-630 | 4M2245 | 2 | 4 | 5 | 3.73 | 3.18 | 2.86 | 2.71 | 2.54 | 2.29 |
| 3SW-614 | 4M1255 | 3SW-631 | 4M2255 | 2 | 5 | 5 | 4.38 | 3.73 | 3.35 | 3.18 | 2.98 | 2.68 |
| 3SW-615 | 4M1432 | 3SW-632 | 4M2432 | 4 | 3 | 2 | 3.15 | 2.70 | 2.43 | 2.31 | 2.16 | 1.94 |
| 3SW-616 | 4M1265 | 3SW-633 | 4M2265 | 2 | 6 | 5 | 4.94 | 4.20 | 3.78 | 3.59 | 3.36 | 3.02 |

CERAMIC SWITCHES

Uses military grade L-5 steatite, treated with Dow-Corning 200. Has common contact on opposite side of wafer from other contacts. Shpg. wt., 3 oz.

| Shorting Type Stock No. | Mfr. No. | Non-Shorting Stock No. | Mfr. No. | Cir. per Sec. | Pos. Sec. | 1-4 Ea. | 5-9 Ea. | 10-24 Ea. | 25-49 Ea. | 50-99 Ea. | 100-499 Ea. | |
|-------------------------|----------|------------------------|----------|---------------|-----------|---------|---------|-----------|-----------|-----------|-------------|------|
| 3SW-634 | 4M11112C | 3SW-655 | 4M21112C | 1 | 1 12 | 2.32 | 1.98 | 1.78 | 1.69 | 1.58 | 1.42 | |
| 3SW-635 | 4M1216C | 3SW-656 | 4M2216C | 2 | 1 | 6 | 2.32 | 1.98 | 1.78 | 1.69 | 1.58 | 1.42 |
| 3SW-636 | 4M11212C | 3SW-657 | 4M21212C | 1 | 2 12 | 3.32 | 2.83 | 2.54 | 2.42 | 2.26 | 2.03 | |
| 3SW-637 | 4M1315C | 3SW-658 | 4M2315C | 3 | 1 | 5 | 2.32 | 1.98 | 1.78 | 1.69 | 1.58 | 1.42 |
| 3SW-638 | 4M11312C | 3SW-659 | 4M21312C | 1 | 3 12 | 4.23 | 3.60 | 3.24 | 3.08 | 2.88 | 2.59 | |
| 3SW-639 | 4M1226C | 3SW-660 | 4M2226C | 2 | 2 | 6 | 3.32 | 2.83 | 2.54 | 2.42 | 2.26 | 2.03 |
| 3SW-640 | 4M11412C | 3SW-661 | 4M21412C | 1 | 4 12 | 5.09 | 4.33 | 3.89 | 3.70 | 3.46 | 3.11 | |
| 3SW-641 | 4M1513C | 3SW-662 | 4M2513C | 5 | 1 | 3 | 2.32 | 1.98 | 1.78 | 1.69 | 1.58 | 1.42 |
| 3SW-642 | 4M11512C | 3SW-663 | 4M21512C | 1 | 5 12 | 6.06 | 5.15 | 4.64 | 4.40 | 4.12 | 3.71 | |
| 3SW-643 | 4M1612C | 3SW-664 | 4M2612C | 6 | 1 | 2 | 2.32 | 1.98 | 1.78 | 1.69 | 1.58 | 1.42 |
| 3SW-644 | 4M1325C | 3SW-665 | 4M2325C | 3 | 2 | 5 | 3.32 | 2.83 | 2.54 | 2.42 | 2.26 | 2.03 |
| 3SW-645 | 4M1236C | 3SW-666 | 4M2236C | 2 | 3 | 6 | 4.23 | 3.60 | 3.24 | 3.08 | 2.88 | 2.59 |
| 3SW-646 | 4M1612C | 3SW-667 | 4M2612C | 1 | 6 12 | 7.06 | 6.00 | 5.40 | 5.13 | 4.80 | 4.32 | |
| 3SW-647 | 4M1246C | 3SW-668 | 4M2246C | 2 | 4 | 6 | 5.09 | 4.33 | 3.89 | 3.70 | 3.46 | 3.11 |
| 3SW-648 | 4M1335C | 3SW-669 | 4M2335C | 3 | 3 | 5 | 4.23 | 3.60 | 3.24 | 3.08 | 2.88 | 2.59 |
| 3SW-649 | 4M1523C | 3SW-670 | 4M2523C | 5 | 2 | 3 | 3.32 | 2.83 | 2.54 | 2.42 | 2.26 | 2.03 |
| 3SW-650 | 4M1256C | 3SW-671 | 4M2256C | 2 | 5 | 6 | 6.06 | 5.15 | 4.64 | 4.40 | 4.12 | 3.71 |
| 3SW-651 | 4M1622C | 3SW-672 | 4M2622C | 6 | 2 | 2 | 3.32 | 2.83 | 2.54 | 2.42 | 2.26 | 2.03 |
| 3SW-652 | 4M1266C | 3SW-673 | 4M2266C | 2 | 6 | 6 | 7.06 | 6.00 | 5.40 | 5.13 | 4.80 | 4.32 |
| 3SW-653 | 4M1533C | 3SW-674 | 4M2533C | 5 | 3 | 3 | 4.59 | 3.90 | 3.51 | 3.33 | 3.12 | 2.81 |
| 3SW-654 | 4M1632C | 3SW-675 | 4M2632C | 6 | 3 | 2 | 4.59 | 3.90 | 3.51 | 3.33 | 3.12 | 2.81 |

MALLORY-GRIGSBY SUB-MINIATURE ROTARY SWITCHES

Class epoxy wafers per MIL-18177. Rated at 150 MA at 125 VRMS. Max. rating 225V at 2.5 amps at 6VRMS. Wafers are 7/8" dia., spacing is 3/8" between wafers; shaft is 1 1/4" long x 1/4" dia. with 3/8" x 1/4" bushing. Has 30° indexing and fixed stop. Supplied with knob, washer, and nut. Shpg. wt., 1 1/2 oz.



| Shorting Type Stock No. | Mfr. No. | Non-Shorting Stock No. | Mfr. No. | No. of Cir. | No. of Pos. | Cir. per Sec. | 1-4 Ea. | 5-9 Ea. | 10-24 Ea. | 25-49 Ea. | 50-99 Ea. | 100-499 Ea. |
|-------------------------|-----------|------------------------|-----------|-------------|-------------|---------------|---------|---------|-----------|-----------|-----------|-------------|
| 3SW-701 | 12M11111G | 3SW-713 | 12M21111G | 1 | 1 11 | 1 | 4.43 | 3.77 | 3.39 | 3.23 | 3.01 | 2.71 |
| 3SW-702 | 12M1211G | 3SW-714 | 12M21211G | 2 | 1 11 | 1 | 5.47 | 4.65 | 4.19 | 3.98 | 3.79 | 3.35 |
| 3SW-703 | 12M1215G | 3SW-715 | 12M2215G | 2 | 5 2 | 1 | 4.43 | 3.77 | 3.39 | 3.23 | 3.01 | 2.71 |
| 3SW-704 | 12M1311G | 3SW-716 | 12M2311G | 3 | 1 11 | 1 | 6.51 | 5.53 | 4.98 | 4.74 | 4.26 | 3.98 |
| 3SW-705 | 12M1313G | 3SW-717 | 12M2313G | 3 | 3 3 | 1 | 4.43 | 3.77 | 3.39 | 3.23 | 3.01 | 2.71 |
| 3SW-706 | 12M1225G | 3SW-718 | 12M2225G | 4 | 5 2 | 2 | 5.47 | 4.65 | 4.19 | 3.98 | 3.79 | 3.35 |
| 3SW-707 | 12M1412G | 3SW-719 | 12M2412G | 4 | 2 4 | 1 | 4.43 | 3.77 | 3.39 | 3.23 | 3.01 | 2.71 |
| 3SW-708 | 12M1235G | 3SW-720 | 12M2235G | 6 | 5 2 | 3 | 6.51 | 5.53 | 4.98 | 4.74 | 4.26 | 3.98 |
| 3SW-709 | 12M1323G | 3SW-721 | 12M2323G | 6 | 3 3 | 2 | 5.47 | 4.65 | 4.19 | 3.98 | 3.79 | 3.35 |
| 3SW-710 | 12M1422G | 3SW-722 | 12M2422G | 8 | 2 4 | 2 | 5.47 | 4.65 | 4.19 | 3.98 | 3.79 | 3.35 |
| 3SW-711 | 12M1333G | 3SW-723 | 12M2333G | 9 | 3 3 | 3 | 6.51 | 5.53 | 4.98 | 4.74 | 4.26 | 3.98 |
| 3SW-712 | 12M1432G | 3SW-724 | 12M2432G | 12 | 2 4 | 3 | 6.51 | 5.53 | 4.98 | 4.74 | 4.26 | 3.98 |

MALLORY-GRIGSBY MINIATURE ROTARY HAM SWITCHES

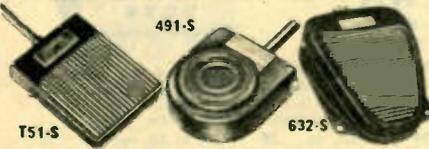
60° & 90° HAM SWITCHES

Designed for high RF signals. All are non-shorting ceramic type single circuit per section. Breakdown voltage between contacts, and contacts and frames, is 1700 volts R.M.S., 60 cycle. Contact rating is 350 MA, at 500 volts RMS resistive load. 2" long by 1/4" dia. shaft 1/2" spacing between wafers. Overall dia. 1 1/4". Supplied with knob, adjustable stop, lock washer and nut. Shpg. wt., 3 oz.

is 1700 volts R.M.S., 60 cycle. Contact rating is 350 MA, at 500 volts RMS resistive load. 2" long by 1/4" dia. shaft 1/2" spacing between wafers. Overall dia. 1 1/4". Supplied with knob, adjustable stop, lock washer and nut. Shpg. wt., 3 oz.

| 60° INDEX 6 POSITION | | 90° INDEX 4 POSITION | | NET EACH IN LOTS OF | | | | | | | | | | | |
|----------------------|----------|----------------------|----------|---------------------|---------|---------|-----------|-----------|-----------|-------------|--|--|--|--|--|
| Stock No. | Mfr. No. | Stock No. | Mfr. No. | Sec. | 1-4 Ea. | 5-9 Ea. | 10-24 Ea. | 25-49 Ea. | 50-99 Ea. | 100-499 Ea. | | | | | |
| 3SW-676 | 4M2116H | 3SW-681 | 4M2114N | 1 | 2.12 | 1.80 | 1.62 | 1.54 | 1.44 | 1.30 | | | | | |
| 3SW-677 | 4M2126H | 3SW-682 | 4M2124N | 2 | 3.00 | 2.55 | 2.30 | 2.18 | 2.04 | 1.84 | | | | | |
| 3SW-678 | 4M2136H | 3SW-683 | 4M2134N | 3 | 3.84 | 3.30 | 2.97 | 2.82 | 2.64 | 2.38 | | | | | |
| 3SW-679 | 4M2146H | 3SW-684 | 4M2144N | 4 | 4.76 | 4.05 | 3.65 | 3.46 | 3.24 | 2.92 | | | | | |
| 3SW-680 | 4M2156H | 3SW-685 | 4M2154N | 5 | 5.64 | 4.80 | 4.32 | 4.10 | 3.84 | 3.46 | | | | | |

LINE MASTER FOOT SWITCHES



"Treadlite" Model T51-S. Compact, versatile. Has a heavy tread on the actuating treadle and a skid-proof base pad. Durable black finish casing. SPDT momentary contacts, rated at 7 amps at 125-250VAC, 1/2HP at 115VAC. Size: 3 1/2 x 2 1/4 x 1 1/2". Shpg. wt., 7 oz.
 SW-115 1-9 ea. 2.75 10-19 ea. 2.47 20-49 ea. 2.20

"Treadlite" Model T51-SC. Same as above but wired with a six foot cord and two prong series plug. Shpg. wt., 1 lb.
 SW-116 1-9 ea. 4.00 10-19 ea. 3.60 20-49 ea. 3.20

"Clipper" Model 632-S. Momentary contact with SPDT, rated at 20 amps 125-250VAC, 1HP 115-230 VAC. Cast iron housing, skid-proof base pad, black wrinkle finish. Size: 4 1/2 x 3 1/2 x 1 1/2". Shpg. wt., 2 1/4 lbs.
 SW-113 1-9 ea. 8.25 10-19 ea. 7.37 20-49 ea. 6.60

"Clipper" Model 632-D. Same as above but maintains contact until again actuated.
 SW-114 1-9 ea. 11.00 10-19 ea. 9.85 20-49 ea. 8.80

GENERAL PURPOSE SWITCHES

Single section phenolic type for use as tone control, radio-phonos, etc. 2" long by 1/4" dia. shaft with 3/8" bushing. Supplied with knob lockwasher and nut except † uses knurled shaft, no knob furnished. * Spring return feature. Shpg. wt., 3 oz.

| SHORTING TYPES | | SHORTING TYPES | | | | | | | | | | |
|----------------|----------|----------------|-----------|---------|---------|-----------|-----------|-----------|-------------|--|--|--|
| Stock No. | Mfr. No. | Cir. per Sec. | Pos. Sec. | 1-4 Ea. | 5-9 Ea. | 10-24 Ea. | 25-49 Ea. | 50-99 Ea. | 100-499 Ea. | | | |
| 3SW-694 | 4M11114 | 1 | 4 | 1.76 | 1.50 | 1.35 | 1.28 | 1.20 | 1.08 | | | |
| 3SW-695 | 5M11112 | 1 | 2 | 1.06 | .90 | .81 | .77 | .72 | .65 | | | |
| 3SW-696 | 5M11113 | 1 | 3 | 1.06 | .90 | .81 | .77 | .72 | .65 | | | |
| 3SW-697 | 5M1113K† | 1 | 3 | .73 | .63 | .56 | .53 | .50 | .45 | | | |
| 3SW-698 | 5M12123 | 2 | 3 | 1.06 | .90 | .81 | .77 | .72 | .65 | | | |
| 3SW-699 | 4M2412S* | 4 | 1 | 1.41 | 1.20 | 1.08 | 1.03 | .96 | .86 | | | |
| 3SW-700 | 5M2213 | 2 | 3 | 1.06 | .90 | .81 | .77 | .72 | .65 | | | |

NON-SHORTING TYPES
 3SW-699 4M2412S* 4 1 1.41 1.20 1.08 1.03 .96 .86
 3SW-700 5M2213 2 3 1.06 .90 .81 .77 .72 .65

LEVER ACTION
 Phenolic type all are single section type. Contact rating is 350 MA at 500 volts RMS resistive load. 30° indexing Mtg. holes 1 3/8" apart. * are positive action and spring return. † are spring return. Supplied with lever knob. Shpg. wt., 3 oz.

| SHORTING TYPES | | SHORTING TYPES | | | | | | | | | | |
|----------------|----------|----------------|-----------|---------|---------|-----------|-----------|-----------|-------------|--|--|--|
| Stock No. | Mfr. No. | Cir. per Sec. | Pos. Sec. | 1-4 Ea. | 5-9 Ea. | 10-24 Ea. | 25-49 Ea. | 50-99 Ea. | 100-499 Ea. | | | |
| 3SW-686 | 6M1213 | 2 | 3 | 1.24 | 1.05 | .95 | .90 | .84 | .76 | | | |
| 3SW-687 | 6M1213S† | 2 | 3 | 1.24 | 1.05 | .95 | .90 | .84 | .76 | | | |
| 3SW-688 | 6M1213U* | 2 | 3 | 1.24 | 1.05 | .95 | .90 | .84 | .76 | | | |
| 3SW-689 | 6M1412S† | 4 | 1 | 1.41 | 1.20 | 1.08 | 1.03 | .96 | .86 | | | |
| 3SW-690 | 6M2213 | 2 | 3 | 1.24 | 1.05 | .95 | .90 | .84 | .76 | | | |
| 3SW-691 | 6M2213S† | 2 | 3 | 1.24 | 1.05 | .95 | .90 | .84 | .76 | | | |
| 3SW-692 | 6M2213U* | 2 | 3 | 1.24 | 1.05 | .95 | .90 | .84 | .76 | | | |
| 3SW-693 | 6M2412S† | 4 | 2 | 1.41 | 1.20 | 1.08 | 1.03 | .96 | .86 | | | |

DELAYED ACTION SWITCHES

FOR HOME AND CAR



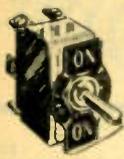
● Keeps lights on for 60 seconds after turning off switch

For the car. Keeps car lights on for 60 seconds while you walk to house then turns them off automatically. Easy to install in any 6 or 12 volt car 3/4x1 1/4" diam. Shpg. wt., 6 ozs.
 SW-25 (Fig. A) Net 2.19

For the home. Install in regular wall outlet. Keeps outside lights on for 60 seconds while you go to car. Rated 10 amps 125 V. Shpg. wt., 5 ozs.
 SW-79 (Fig. B) Net 2.19



LAFAYETTE has MORE switches LOWER prices BETTER quality



**HEAVY DUTY 6 AMP
DPDT CENTER OFF
TOGGLE SWITCH**
**LAFAYETTE
SPECIAL .49**

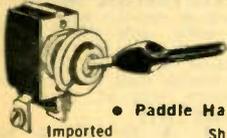
6 Amp DPDT Center Off: For P.A., lighting circuits, etc. Rated 6 amps 125 V.A.C. $1\frac{1}{2}$ " x $\frac{3}{4}$ " x $1\frac{1}{2}$ " behind panel including screw terminals. Bushing $\frac{3}{16}$ " x $\frac{3}{16}$ " bat handle. Shpg. wt., 3 oz. Imported
SW-19 net, ea. .49 In lots of 10, ea. .45



**HEAVY DUTY 6 AMP
DPDT SWITCH**
.32
A TERRIFIC BUY!

Heavy Duty 6 Amp DPDT: Rated 250V at 3 Amps or 125V at 6 amps. Switch body $1\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{8}$ " behind panel including terminals. Bushings $\frac{3}{16}$ " Dia., $\frac{3}{16}$ " long. Bat handle $\frac{1}{2}$ " long. Shpg. wt., 3 oz. Imported
SW-22 net, ea. .32 In lots of 10, ea. .29

NEW! AUTOMOTIVE TOGGLE SWITCH



.99

● Paddle Handle—Flick Action
Imported Shpg. wt., 3 oz.

Automotive SPST Toggle: Rated 6 Amp 125V or 3 Amps 250 V. Max. Voltage is 1000V AC with .010 ohm contact resistance. Designed for dash board or instrument installation. Measures $1\frac{1}{4}$ " long x $\frac{1}{4}$ " W. mounting shaft $\frac{3}{16}$ " L. x $\frac{3}{16}$ " Diam. 1 $\frac{1}{2}$ " Toggle.
SW-84 net, ea. .99 In lots of 10, ea. .95

4 PDT MINIATURE SLIDE SWITCH

● Printed Circuit Type Connectors
● Easy Panel Mounting with $\frac{1}{2}$ " Slide Knob
 $1\frac{1}{2}$ " L x $\frac{3}{16}$ " W x $\frac{1}{16}$ " D.



.59

Shpg. wt., 3 oz.

Imported

Miniature 4 PDT Slide Switch: Panel Mount Printed circuit type connectors. Rated current capacity is 800 milliamps at 100V. AC. Insulation resistance is 100 megohms at 500 V. A.C. Measures $1\frac{1}{2}$ " L. x $\frac{3}{16}$ " W x $\frac{1}{16}$ " D. Mounting center $1\frac{1}{8}$ " slide knob extends $\frac{1}{2}$ ".
SW-91 net, ea. .59 In lots of 10, ea. .55

**ULTRAMINIATURE
SPDT SLIDE SWITCH .29**

Exceptionally shallow design—only $\frac{1}{16}$ " deep for panel mounting. Contact resistance: 50 milliohms or less; insul. res., 20 megohms @ 500V DC., Max. AC current 0.5 amps. Withstands 600V AC. Size: $\frac{3}{16}$ " x $\frac{1}{16}$ ". Size of switch body, mounting ears add $\frac{1}{2}$ " to overall length. Mtg. centers 1".
SW-109 Shpg. wt., 2 oz. Imported Net .29

**4PDT MINIATURE
SLIDE SWITCH .59**

MINIATURE 4PDT SLIDE SWITCH: Panel mount. Current capacity 500 ma at 100VAC. Contact resistance 500 milliohms at 500 volts. Measures $1\frac{1}{2}$ " L x $\frac{3}{16}$ " W. Mounting center $1\frac{1}{8}$ ". Shpg. wt., 3 oz. Imported
SW-94 Net ea. .59 In lots of 10, ea. .55



3PDT AC-DC SLIDE SWITCH
.29

3 PDT AC-DC Slide Switch: Rated at 500 microamps at 100V. Solder lug terminals. Measures $\frac{3}{4}$ " W x $1\frac{1}{4}$ " L x $\frac{3}{8}$ " D. Overall including $\frac{3}{16}$ " trigger. Mounting centers 1 $\frac{1}{16}$ ". Shpg. wt., 3 oz. Imported
SW-82 net, ea. .29 In lots of 10, net, ea. .25

**HEAVY DUTY 10 AMP
DPDT MOTOR SWITCH**

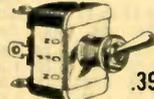
● MOLDED PHENOLIC CASE
● METAL FACE PLATE

79



Heavy Duty 10 Amp DPDT: Rated 10 amps at 125 V.A.C. Will easily take current surge of motor starting. Freeflow solder type terminals. $1\frac{3}{4}$ " x $\frac{7}{8}$ " x $1\frac{1}{2}$ ". Bushing $\frac{3}{8}$ " x $\frac{3}{8}$ " D. $\frac{3}{4}$ " bat handle. Shpg. wt., 3 oz.
SW-26 net, ea. .79 In lots of 10, ea. .75

**HEAVY DUTY 10 AMP
SPDT CENTER OFF
TOGGLE SWITCH**



Heavy Duty 10 Amp. SPST center off: Rated 10 amps at 125V. Silvered lugs for low loss connections. Body size $1\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{8}$ " depth behind panel. Bushings $\frac{3}{16}$ " Dia., $\frac{3}{16}$ " long. Bat handle $\frac{1}{2}$ " long.
SW-27 net, ea. .39 In lots of 10, ea. .35

**6 POLE D.T. MINIATURE
SLIDE SWITCH**

.89

Tiny slide switch. Panel mount. Mounting centers $\frac{7}{8}$ ". Current capacity, 500MA @ 100V AC. Contact resistance, 10 megohms or less. Solder lug terminals. Size: $1\frac{1}{4}$ " x $\frac{1}{2}$ ".
SW-110 Shpg. wt., 2 oz. Net .89

**MINIATURE DPDT
SLIDE SWITCH**

.39

Perfect for ultra-small switch applications. Rated current capacity, 3 amps at 125 volts. Can withstand up to 1000V A.C. Solder lug terminals. Measures: $\frac{1}{2}$ " L x $\frac{1}{4}$ " W x $\frac{3}{16}$ " D. Mounting centers: $\frac{1}{8}$ ".
SW-104 Shpg. wt., 1 oz. Net .39

**NEW! RUGGED TELEPHONE
TYPE 4PDT LEVER SWITCH**



CHROME PLATED CAM .69
Telephone Type 4 PDT. Lever switch: 3 position lever action switch of non induction construction. Has 4 sets of SPDT contacts - Has 3 locking positions - Heavy insulated rollers. Panel mount, $\frac{1}{2}$ " mounting centers. Size $2\frac{1}{2}$ " long behind panel, $\frac{3}{8}$ " wide $1\frac{1}{2}$ " high. Shpg. wt., 3 oz. Imported
SW-20 net, ea. .69 In lots of 10, ea. .65

**4 PDT MINIATURE DUAL
SLIDE SWITCH**

● For Panel Mounting
● Two Switches
In One Single Unit.

.98 ea.



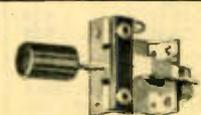
Miniature 4 PDT Dual Slide Switch: Panel mount. Rated at 500 milliamperes for 125V AC. Two slide switches in a single unit. Provides four circuits with each section switching two circuits. Positive action. Measures $1\frac{3}{4}$ " x $1\frac{1}{8}$ " x $\frac{3}{16}$ ". $1\frac{1}{8}$ " mounting centers. Shpg. wt., 3 oz.
SW-90 net, ea. .98 In lots of 10, ea. .93 In lots of 100, ea. .89

6 PDT SLIDE SWITCH

.79



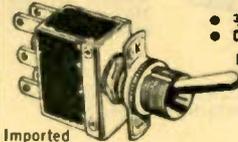
6PDT SLIDE SWITCH: Panel mount. Current capacity 500 ma at 125 VAC. Contact resistance 500 milliohms. DC insulation resistance 20 megohms. Measures $1\frac{1}{2}$ " L x $\frac{3}{16}$ " W x $\frac{1}{16}$ " D. Mounting center $1\frac{1}{8}$ ". Shpg. wt., 3 oz. Imported
SW-39 Net ea. .79 In lots of 10, ea. .75



**PUSH BUTTON
LOCKING SWITCH**
.72

Push button SPST Locking Switch: Positive action. Normally open push on, push off. Rated 10 amps at 115V. Overall size $2\frac{1}{2}$ " L x $1\frac{1}{4}$ " W x $\frac{1}{4}$ " D. Shaft & Knob extended $1\frac{1}{2}$ ". Shpg. wt., 3 oz. Imported
SW-77 net, ea. .72 In lots of 10, ea. .69 In lots of 100, ea. .59

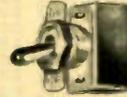
DPDT LONG BUSHING SWITCH



● $\frac{3}{4}$ " Long Bushing
● Designed for Wood Panel Mounting.

.79

Imported
 $\frac{3}{4}$ " long shaft DPDT: Rated 6 amps at 125V. A.C. Designed for easy wood panel mounting. Measures $1\frac{1}{2}$ " x $\frac{1}{2}$ " x $1\frac{1}{8}$ " behind panel. Bushing is $\frac{3}{4}$ " L x $\frac{3}{16}$ " diam. Bat handle, $\frac{1}{4}$ " long. Shpg. wt., 3 oz.
SW-86 Net ea. .79 In lots of 10, net ea. .75



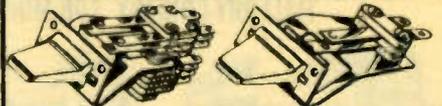
**SINGLE POLE
SINGLE THROW
TOGGLE SWITCH**

● Standard Replacement

.22

SPST Bat Handle: Rated 3 amps — 125V. Body size $1\frac{1}{2}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ " behind panel. Bushing $\frac{3}{16}$ " diam. $\frac{3}{16}$ " long. Ball handle $\frac{1}{2}$ " long. Shpg. wt., 3 oz. Imported
SW-21 Net ea. .22 In lots of 10, ea. .19

**RUGGED LEVER SWITCHES FOR
AUDIO APPLICATIONS AND INTERCOMS**



4 PDT Audio Lever Switch: Has 4 sets of single pole, double throw contacts. Switch has three position with positive & spring return. Panel mounting, mtg. centers 1" apart. Size $2\frac{1}{2}$ " long behind panel. $1\frac{1}{2}$ " W x $1\frac{1}{2}$ " H Shpg. wt., 3 oz. Imported
SW-68 net, ea. .95

SPST lever action switch: Similar to SW-68 above. Has 2 positions with spring return. Size $1\frac{3}{4}$ " long behind panel $\frac{3}{4}$ " high. Shpg. wt., 3 oz. Imported
SW-69 net, ea. .39

**PUSH BUTTON
INTERPHONE SWITCH 89**



6-pole double throw, non-shorting PB locking switch. Use as audio selector, intercom band change switch, etc. Contact resistance 10 milliohms or less; insulation res. 200 meg ohms at 500V DC. Current capacity 500MA @ 100V AC. Size: $1\frac{1}{2}$ " x $1\frac{1}{4}$ " x $\frac{1}{2}$ ".
SW-108 Shpg. wt., 2 oz. Imported Net .89

SLIDE SWITCHES AT LOW PRICES!

Compact slide switches in cadmium steel housings. All rated 125 v. AC. $1\frac{1}{2}$ " mtg. ctrs. Shpg. wt., 3 oz.

| No. | Circuit | Shpg. wt. | Price |
|-------|---------|-----------|-------|
| SW-14 | SPST | .09 | .08 |
| SW-15 | SPDT | .10 | .09 |
| SW-16 | DPST | .20 | .18 |
| SW-17 | DPDT | .22 | .20 |

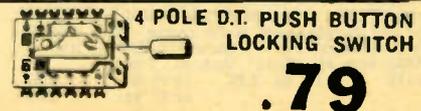
**4 POSITION SLIDE
SWITCH**

29

Shpg. wt., 3 oz.



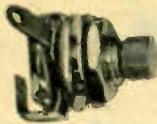
4 Position Slide Switch: Compact 4 position 2 pole slide switch. Positive snap action. Silvered contacts. Measures $1\frac{1}{8}$ " x $\frac{7}{8}$ " x $\frac{1}{2}$ " overall. Mtg. centers $1\frac{1}{8}$ ". Mtg. holes tapped for 4/40 screw. Imported
SW-74 net, ea. .29 In lots of 10, net, ea. .25



.79

Spring loaded for positive action. Rated 0.5 Amp at 100V. Solder terminals. Overall size $2\frac{1}{4}$ " D x $1\frac{1}{4}$ " W overall including $1\frac{1}{4}$ " shaft and knob. Shpg. wt., 3 oz. Imported
SW-85 net, ea. .79 In lots of 10, ea. .75

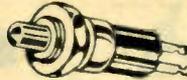
SWITCHES for INDUSTRY-EXPERIMENTER-HAMS



MINIATURE PUSH BUTTON SWITCH
.19

Momentary contact push button switch ideal for all miniaturized applications. Single pole two circuit push-to-make type. Beryllium copper leaf contacts. Overall diameter $\frac{1}{2}$ " overall depth $\frac{1}{4}$ " protrudes $\frac{3}{8}$ " behind panel. Bushing $\frac{1}{4}$ " dia., $\frac{3}{8}$ " long. Supplied with washer and mounting nut. Shpg. wt., 3 oz.
MS-449 Miniature Push Button Switch .19

SUB MINIATURE PUSH BUTTON SWITCH
.18



ea. in lots of 10 • INDUSTRIAL SPECIAL
Momentary contact push button switch. SPST, non-snap action. Rated 115 V.A.C. at 100 ma. Overall dimensions $\frac{3}{8}$ x $\frac{3}{4}$ " L. Bushing $\frac{1}{4}$ " long. Shpg. wt., 1 oz.
SW-70 Net. ea. 20; in lots of 10, ea. .18

DPDT "SEE SAW" SWITCH



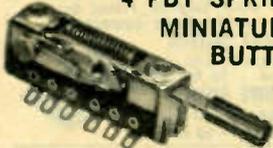
• Rocker Arm Actuated • Flush Mounting
Flip action, rocker arm type equipment switch. Mounts flush in panel up to $\frac{3}{8}$ " thick. Requires rectangular mounting hole $\frac{1}{2}$ x $\frac{1}{8}$ " long. Mtg. centers $1\frac{1}{8}$ ". Mtg. holes tapped for 4-36 machine screws. Rated 4 amps at 125 V.A.C. Insulation resistance 100 meg ohms or more @ 500 V.A.C. Shpg. wt., 2 ozs.
SW-111 Net ea., .69; lots of 10 ea., .62

PUSH-TO-TALK SWITCH



• 4-Circuit 2-Contact **.79**
MODEL SW-102. Designed especially to fit Lafayette Model HP-73 Printed Circuit Board or use for transistorized and miniature applications where a high quality push-button, maintain contact switch is required. Contact resistance is 15 milli-ohms at 50 ma. DC. Will withstand 500 VAC per minute. Insulation resistance is 100 meg-ohm up at 500 VDC. Size (including mounting brackets) $1\frac{1}{2}$ x $\frac{3}{4}$ x $\frac{3}{8}$ ". Mounting center at $\frac{5}{8}$ ". Shpg. wt., 2 oz.
SW-102 Net .79

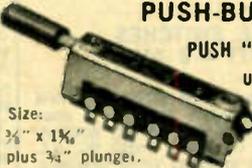
4 PDT SPRING RETURN MINIATURE PUSH BUTTON SWITCH



IDEAL FOR HAM OR CITIZENS BAND USE
.79 ea.

$1\frac{3}{8}$ " x $\frac{3}{8}$ " x $\frac{1}{2}$ "
Miniature 4 PDT Spring return: Push button switch. Rated at 800 milliamps for 100 V. A.C. Ideal for transistor application. Heavy duty spring - Two circuit operation. Measures $1\frac{3}{8}$ " x $\frac{3}{8}$ " x $\frac{1}{2}$ " plus $\frac{1}{2}$ " plunger.
SW-92 net. ea. .79 lots of 10, ea. .75
Lots of 100, ea. .69

MINIATURE 4PDT LOCKING TYPE PUSH-BUTTON SWITCH



PUSH "ON" - PUSH "OFF"
FOR HAM OR CITIZENS BAND
.119

Size: $\frac{3}{4}$ " x $1\frac{1}{4}$ " plus $\frac{3}{4}$ " plunger.
Miniature 4 PDT Locking type Push-Button Switch: Rated 800 milliamps at 100 V. A.C. Insulation resistance is 100 megohms at 500 V. A.C. For all transistorized application. Heavy duty spring. Two circuit operation. Size $\frac{3}{8}$ " x $1\frac{1}{4}$ " plus $\frac{3}{4}$ " plunger.
SW-89 net. ea. 1.19 lots of 10, ea. 1.15
in lots of 100, ea. 1.08

MINIATURE PUSH BUTTON SWITCH



.89
6 Pole U.I. Miniature Push Button Switch for use in transceivers, ham and CB equipment. Contact resistance 10 mill-ohm or less. Insulation resistance 200 meg ohm at 500 VDC. Current capacity 500 milliamps @ 100 VAC. Size $1\frac{1}{2}$ x $\frac{3}{4}$ x $\frac{3}{8}$ ". Shpg. wt., 2 oz. SW-107 Net .89

POSITIVE ACTION PUSH BUTTON SWITCH

1 Inch Long Actuator for Deep Panel Mounting

Unique, cam action SPST push button switch. Positive, lock-in, on-off cycle. Extra long, full 1", push button permits use in panels up to $\frac{3}{4}$ " thick. Rated 1A at 125V. A.C. Contact resistance - 20 milli at 1 A amp. D.C., insulation resistance 100 megohms at 500V.D.C. Mounting centers, $1\frac{1}{4}$ ". Overall behind panel depth, 1". Width $\frac{3}{8}$ ". Shpg. wt., 2 oz.
SW-97 Net ea., .59 lots of 10, ea., .53



SPST "SEE SAW" SWITCH

• Rocker Arm actuated-Flush Mounting

.59



"Touch" action rocker arm type, equipment switch. Mounts flush in panel up to $\frac{1}{8}$ " thick. Requires rectangular mounting hole $\frac{3}{8}$ " wide by 1" long. Mtg. centers $1\frac{3}{8}$ ". Mtg. holes tapped for 4-36 machine screws. Overall behind panel dimensions $\frac{3}{8}$ " x $\frac{5}{8}$ " x $1\frac{1}{4}$ ". Rated 3 amps at 125 V. A.C. Shpg. wt., 2 ozs.
SW-93 Net, ea., .59 lots of 10, ea., .53

NEW! MAGNETIC PROXIMITY SWITCH



174
NEW! Use in burglar alarm systems, electric trains, and many more uses. As the magnet approaches the switch, the circuit closes. Hermetically sealed; 15 watts resistive max, up to 1 amp at 250 volts. With leads.
SW-105 Shpg. wt., 3 ozs. Net 1.74

TRANSCIVER SELECTOR SWITCH

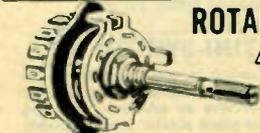
• 3 Position
• Spring Return

.98



TRANSMIT - RECEIVE - TRANSMIT SPRING RETURN SWITCH. A 4-pole 3 position switch for use in citizens band switching circuit. Position 1 - Transmit (locks); Position 2 - Receive; Position 3 - Transmit, with spring return, for short periods of transmissions. Shpg. wt., 6 oz.
HP-65 Net .98

ROTARY SWITCHES 4 POLE-3 POSITION



.39

Four pole rotary selector switch, 3 positions per pole. Useful in hi-fi preamps and stereo applications. Spring loaded, positive detent action. Shorting type. Overall diameter $1\frac{1}{4}$ ". Depth behind panel, including lugs, $\frac{3}{4}$ ". Bushing $\frac{3}{8}$ x $\frac{3}{8}$ ". $\frac{1}{4}$ " knurled shaft, $1\frac{1}{4}$ " long. Shpg. wt., 3 ozs.
SW-30 Net ea., .39 lots of 10, ea. .35



SUBMINIATURE ROTARY SWITCH

.59

• $9/16$ " Diam. x $1\frac{1}{2}$ " long.
High quality 1 gang, 2 pole, 5 position shorting rotary switch. Ideal for construction of transistorized equipment. Current capacity 1 amp per pole at 10V DC or 1 at 220V AC. High insulation of 100 meg at 500V DC between terminals. Moisture resistant. Dia. $\frac{9}{16}$ " x $1\frac{1}{2}$ " long overall. $\frac{3}{8}$ " L bushing, $\frac{1}{2}$ " L x $\frac{1}{4}$ " D. Knurled shaft. Shpg. wt., 3 oz.
SW-78 Net ea. .59
Lots of 10, ea., .53 Lots of 100, ea., .48

EXPERIMENTERS' SWITCH MULTI-GANG

• 4 Gangs-12 poles
3 Positions per Pole
• 1 Gang Shielded Against Stray Field Pickup



Special 4-deck rotary switch for the experimenter. Exceptionally rugged construction-decks easily removed to vary circuit. 4 sections, each with 3 poles, 3 positions per pole. Positive spring-loaded indexing. Silvered contact. SPECS: Current capacity - 5 amp at 125 VAC. Contact Resistance - 15 milli at 1 amp DC; Insulation resistance - 100 megohms at 500 V. DC. $1\frac{1}{2}$ x $\frac{1}{4}$ " flattened shaft. $\frac{3}{8}$ x $\frac{3}{8}$ " bushing. $\frac{1}{4}$ " overall length behind panel. Shpg. wt., 3 ozs.
SW-96 Net ea., 1.95 lots of 10, ea., 1.75

NEW! MINIATURE 4PDT ROTARY SWITCH

• $\frac{3}{4}$ " Long x $\frac{5}{8}$ " Diam.
.69



Ideal for transistor application. Precision 1 Gang, 4 Pole, 2 Position rotary switch. Contact resistance is less than 0.01 ohm. Current capacity is 1 ampere at 6V DC. Insulation between any two terminals or between any terminal and shell is not less than 100 megohms at 100V DC. Measures only overall $\frac{3}{4}$ " diam by $\frac{3}{4}$ " long including $\frac{3}{8}$ " shaft. Shpg. wt., 3 oz.
SW-80 Net ea. .69
Lots of 10 Net ea. .65

EXPERIMENTERS SPECIAL SWITCH



.69

• 2 gang-3 position-6 pole • Stereo Circuit!
New 2 gang (shielded), 3 position, 6 pole (3 stereo) rotary switch. Unlimited audio-stereo-experimenter applications. Exceptionally rugged construction. Silvered contacts. Positive action. Shaft is $1\frac{1}{4}$ x $\frac{3}{8}$ " L Shield between gangs. Shpg. wt., 2 ozs.
SW-72 Net .69

SUBMINIATURE WAFER SWITCH

• Hearing Aid Type
• Only $\frac{3}{4}$ " x $\frac{1}{4}$ " x $\frac{3}{8}$ " Overall



Lever operated, single pole, three position wafer. Mtg. centers $\frac{1}{2}$ ". Contact arrangement shorts 2 circuits in each position. All contacts silvered, lever arm has finger grip. Perfect switch for subminiature work. With mtg. hardware. Shpg. wt., 2 oz.
SW-98 Net ea., .39 Lots of 10 ea., .35

3 GANG 9 POLE 3 POSITION MINIATURE ROTARY SWITCH



149 ea.

Designed for subminiature applications in transistor circuits. Total of 12 circuits are provided each gang or section. Rated current capacity is 50 ma at 100 V. A.C. Insulation resistance 100 megohms at 500 V. D.C. Contact resistance without load is 10 milliohms at 6 V. D.C. Non shorting type switch. Mtg. depth $1\frac{1}{2}$ ". Diam $\frac{3}{8}$ ", $\frac{3}{8}$ " knurled shaft.
SW-88 net 1.49 lots of 10, ea. 1.32
lots of 100, ea. 1.27

2 GANG 9 POLE 3 POSITION MINIATURE ROTARY SWITCH



119 ea.

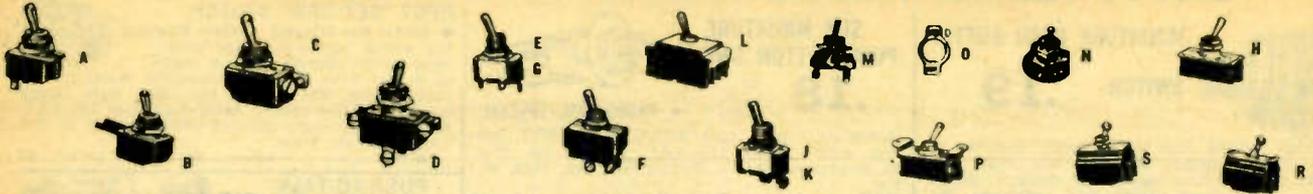
Non-shorting type with 12 circuits per gang or section. Rated current capacity is 50 ma at 100 V. A.C. Insulation resistance 100 megohms at 500 V. D.C. Contact resistance without load is 10 milliohms at 6 V. D.C. Perfect for transistor applications. Mounting depth 1" Diam. $\frac{3}{8}$ ". $\frac{3}{8}$ " knurled shaft.
SW-87 net. ea. 1.19 lots of 10, ea. 1.15
lots of 100, ea. 1.08

SINGLE POLE 4 POSITION WAFER SWITCH



• Only $\frac{3}{8}$ " x $1\frac{1}{8}$ " x $1\frac{1}{8}$ " overall
Exceptionally flat, single pole 4 position wafer switch. SPECS: Current Capacity .5A, 125 VAC; Contact resistance - 20 milli at 1 amp DC. Insulation resistance 100 megohms at 500 V. DC. Non-shorting, silvered contacts. Spring loaded, detent indexing. Mtg. centers. $1\frac{1}{4}$ ". Tapped shaft for bar type knob. Requires $\frac{3}{4}$ x $1\frac{1}{2}$ x $1\frac{1}{2}$ " overall area for mounting. Includes mount hardware and knob. Shpg. wt., 2 ozs.
SW-95 Net ea., .45 Lots of 10, ea., .40

SWITCHES FOR EVERY APPLICATION



CUTLER HAMMER SWITCHES

AC-DC TOGGLE SWITCHES LIGHT DUTY — 3 to 6 AMPS

For use on small motor-driven tools and appliances where a sturdy switch is required. Long life and high arc resistant. $\frac{1}{2}$ " dia. threaded stem. Length of stem $\frac{1}{2}$ " except $\frac{1}{4}$ " and $\frac{3}{4}$ ". All have solder lug terminals except # 6" wire leads, § screw terminals. All 3 amps at 250V except † 1 amp. U.L. approved. Avg. shpg. wt., 3 oz.

| Stock No. | Mfr's. Type | Con-tacts | Fig. | Amps | | | Net Each | |
|-----------|-------------|-----------|------|------|------|-------|----------|--|
| | | | | 125V | 1-9 | 10-99 | 100-499 | |
| SW-471 | 8280-K14* | SPST | A | — | .52 | .43 | .36 | |
| SW-472 | 8280-K15† | SPST | A | — | .52 | .43 | .36 | |
| SW-460 | 8280-K16 | SPST | A | — | .52 | .43 | .36 | |
| SW-473 | 8282-K13†‡ | 3 Way | A | 3 | .66 | .55 | .46 | |
| SW-461 | 8282-K14‡ | SPDT | A | 3 | .66 | .55 | .46 | |
| SW-474 | 8282-K12*‡ | SPDT | A | 3 | .66 | .55 | .46 | |
| SW-475 | 8284-K14‡ | 2 Circ. | A | 3 | .71 | .58 | .48 | |
| SW-476 | 8290-K15†‡ | SPST | B | — | .64 | .52 | .44 | |
| SW-477 | 8290-K16†‡ | SPST | B | — | .64 | .52 | .44 | |
| SW-478 | 8295-K7†‡ | SPST | C | — | .64 | .52 | .44 | |
| SW-479 | 8295-K8‡ | SPST | C | — | .64 | .52 | .44 | |
| SW-480 | 8360-K6* | DPST | A | — | .95 | .78 | .66 | |
| SW-463 | 8360-K7 | DPST | A | — | .95 | .78 | .66 | |
| SW-481 | 8360-K8† | DPST | A | — | .95 | .78 | .66 | |
| SW-482 | 8363-K6* | DPST | A | — | 1.09 | .91 | .75 | |
| SW-462 | 8363-K7 | DPDT | A | 6 | 1.09 | .91 | .75 | |
| SW-483 | 8363-K8† | DPDT | A | — | 1.09 | .91 | .75 | |
| SW-484 | 8365-K7‡ | DPDT | D | — | 1.47 | 1.20 | 1.01 | |
| SW-485 | 8370-K7 | DPST | A | 6 | 1.02 | .85 | .71 | |
| SW-486 | 8370-K8† | DPDT | A | — | 1.02 | .85 | .71 | |
| SW-487 | 8372-K7‡ | DPST | D | 6 | 1.25 | 1.04 | .86 | |
| SW-488 | 8373-K7 | DPDT | A | 6 | 1.18 | .97 | .81 | |
| SW-489 | 8373-K8† | DPDT | A | 6 | 1.18 | .97 | .81 | |
| SW-490 | 8375-K7‡ | DPDT | D | 6 | 1.51 | 1.24 | 1.12 | |
| SW-491 | 8381-K7† | SPST | A | 6 | .60 | .50 | .41 | |
| SW-492 | 8381-K8 | SPST | A | 6 | .60 | .50 | .41 | |
| SW-493 | 8391-K7‡ | SPST | B | 6 | .72 | .59 | .49 | |
| SW-494 | 8391-K8†‡ | SPST | B | 6 | .72 | .59 | .49 | |
| SW-495 | 8396-K7‡ | SPST | C | 6 | .72 | .59 | .49 | |
| SW-496 | 8396-K8†‡ | SPST | C | 6 | .72 | .59 | .49 | |

STANDARD DUTY — 10 to 12 AMPS

Quick make, quick break contact mechanism eliminates pitting caused by high arcing. These long life switches are primarily designed for use on small motors and similar equipment. All in bakelite case with screw terminals. $\frac{1}{2}$ " threaded stem x $\frac{1}{2}$ " long except * 2" mounting center, † $\frac{1}{4}$ " stem length. U.L. approved. All 6 amp at 250V, except ‡ 5 amps. Avg. shpg. wt., 3 oz.

| Stock No. | Mfr's. Type | Con-tacts | Fig. | Amps | | | Net Each | |
|-----------|-------------|-----------|------|------|------|-------|----------|--|
| | | | | 125V | 1-9 | 10-99 | 100-499 | |
| SW-497 | 7320-K2† | DPST | H | 12 | 1.01 | .83 | .69 | |
| SW-465 | 7320-K3 | DPST | H | 12 | 1.01 | .83 | .69 | |
| SW-498 | 7321-K2† | SPST | H | 12 | 1.01 | .83 | .69 | |
| SW-464 | 7321-K3 | SPST | H | 12 | 1.01 | .83 | .69 | |
| SW-499 | 7330-K2* | DPST | P | 12 | 1.01 | .83 | .69 | |
| SW-750 | 8680-K1†‡ | DPDT | H | 10 | 3.17 | 2.62 | 2.18 | |

HEAVY DUTY — 15 to 20 AMPS

Switches contain heavy parts, larger clearances and higher ratings. Handle large motors and heavier loads. Longer life on lighter loads. All Bakelite bodies, screw terminals and quick make and break contacts. $\frac{1}{2}$ " threaded stem $\frac{1}{2}$ " long except * $\frac{1}{4}$ " stem, ‡ flush mtg. types with 2" centers. U.L. app. All 10 amps at 250V except † 20 amps. Shpg. wt., 3 oz.

| Stock No. | Mfr's. Type | Con-tacts | Fig. | Amps | | | Net Each | |
|-----------|-------------|-----------|------|------------|------|-------|----------|--|
| | | | | 125V | 1-9 | 10-99 | 100-499 | |
| SW-751 | 7360-K7† | DPST | H | 15 | 1.74 | 1.44 | 1.20 | |
| SW-470 | 7360-K8 | DPST | H | 15 | 1.74 | 1.44 | 1.20 | |
| SW-469 | 7361-K5 | SPST | H | 15 | 1.74 | 1.44 | 1.20 | |
| SW-752 | 7370-K2† | DPST | P | 15 | 1.74 | 1.44 | 1.20 | |
| SW-753 | 7402-K3† | DPST | H | 1 1/2 H.P. | 2.47 | 2.04 | 1.70 | |
| SW-754 | 7402-K4 | DPST | H | 1 1/2 H.P. | 2.47 | 2.04 | 1.70 | |
| SW-755 | 7410-K4* | DPST | P | 1 1/2 H.P. | 2.47 | 2.04 | 1.70 | |
| SW-756 | 8690-K2 | DPDT | H | 15 | 3.86 | 3.18 | 2.65 | |

AC TOGGLE SWITCHES LIGHT DUTY — 6 AMP

For use in radios, appliances and other equipment which use snap action mechanism. All rated 6 amps at 125V and 3 amps at 250V. * Center-off position. Threaded stems are $\frac{1}{2}$ " in dia., stem length $\frac{1}{2}$ ". U.L. app. Avg. shpg. wt., 3 oz. † indicates screw terminals, ‡ indicates solder terminals.

| Stock No. | Mfr's. Type | Con-tacts | Fig. | Amps | | | Net Each | |
|-----------|-------------|-----------|------|------|-------|---------|----------|--|
| | | | | 1-9 | 10-99 | 100-499 | | |
| SW-757 | 7580-K4† | SPST | K | .52 | .43 | .36 | | |
| SW-758 | 7580-K6‡ | SPST | K | .45 | .38 | .31 | | |
| SW-759 | 7581-K4* | SPDT | K | .60 | .50 | .41 | | |
| SW-760 | 7581-K6* | SPDT | K | .49 | .41 | .34 | | |
| SW-761 | 7582-K4† | SPDT | K | .60 | .50 | .41 | | |
| SW-762 | 7582-K6‡ | SPDT | K | .49 | .41 | .34 | | |
| SW-763 | 7590-K4† | DPST | F | .81 | .77 | .66 | | |
| SW-764 | 7590-K6† | DPST | F | .86 | .83 | .75 | | |
| SW-765 | 7591-K4† | DPDT | F | .96 | .79 | .66 | | |
| SW-766 | 7591-K6† | DPDT | F | .73 | .61 | .51 | | |
| SW-767 | 7592-K4† | DPDT | F | .96 | .79 | .66 | | |
| SW-768 | 7592-K6† | DPDT | F | .73 | .61 | .51 | | |

STANDARD DUTY — 10 to 15 AMPS

Slow make, slow break mechanism. All have $\frac{1}{2}$ " diameter threaded stem. $\frac{1}{2}$ " long except † $\frac{1}{4}$ " long, * center off, all rated 10 amps at 250V AC and 15 amps at 125V AC. U.L. approved. Avg. shpg. wt., 3 oz. † indicates screw terminal, ‡ indicates solder terminals.

| Stock No. | Mfr's. Type | Con-tacts | Fig. | Amps | | | Net Each | |
|-----------|-------------|-----------|------|------|-------|---------|----------|--|
| | | | | 1-9 | 10-99 | 100-499 | | |
| SW-769 | 7500-K13†‡ | SPST | J | .60 | .50 | .41 | | |
| SW-770 | 7500-K14† | SPST | J | .60 | .50 | .41 | | |
| SW-771 | 7501-K12‡ | SPST | J | .52 | .43 | .34 | | |
| SW-772 | 7501-K13† | SPST | J | .52 | .43 | .34 | | |
| SW-773 | 7502-K12†‡ | SPDT | E | .72 | .59 | .49 | | |
| SW-774 | 7502-K13† | SPDT | G | .72 | .59 | .49 | | |
| SW-775 | 7503-K12†‡ | SPDT | E | .60 | .50 | .41 | | |
| SW-776 | 7503-K13† | SPDT | E | .60 | .50 | .41 | | |
| SW-777 | 7504-K3† | SPDT | E | .72 | .59 | .49 | | |
| SW-778 | 7504-K4† | SPDT | E | .72 | .59 | .49 | | |
| SW-779 | 7505-K3‡ | SPDT | E | .60 | .50 | .41 | | |
| SW-780 | 7505-K4† | SPDT | E | .60 | .50 | .41 | | |
| SW-781 | 7560-K5† | DPST | F | .96 | .79 | .66 | | |
| SW-782 | 7560-K6†‡ | DPST | K | .96 | .79 | .66 | | |
| SW-783 | 7561-K4† | DPST | F | .81 | .67 | .56 | | |
| SW-784 | 7561-K5†‡ | DPST | K | .81 | .67 | .56 | | |
| SW-785 | 7562-K4† | DPDT | F | 1.16 | .98 | .81 | | |
| SW-786 | 7562-K5†‡ | DPDT | F | 1.16 | .98 | .81 | | |
| SW-787 | 7563-K4† | DPDT | F | .96 | .79 | .66 | | |
| SW-788 | 7563-K5† | DPDT | F | .96 | .79 | .66 | | |
| SW-789 | 7564-K6† | DPDT | F | 1.16 | .98 | .81 | | |
| SW-790 | 7564-K7† | DPDT | F | 1.16 | .98 | .81 | | |
| SW-791 | 7565-K5† | DPDT | F | .96 | .79 | .66 | | |
| SW-792 | 7565-K6† | DPDT | F | .96 | .79 | .66 | | |
| SW-793 | 7600-K3† | 3PST | L | 1.93 | 1.60 | 1.32 | | |
| SW-794 | 7602-K2† | 3PST | L | 2.42 | 2.03 | 1.69 | | |
| SW-795 | 7610-K2† | 3PST | L | 1.93 | 1.60 | 1.32 | | |
| SW-796 | 7611-K2† | SPST | L | 1.66 | 1.35 | 1.12 | | |
| SW-797 | 7612-K2† | SPST | L | 2.42 | 2.03 | 1.69 | | |
| SW-798 | 7613-K2† | SPST | L | 2.04 | 1.69 | 1.41 | | |
| SW-799 | 7614-K2† | SPST | L | 2.45 | 2.03 | 1.69 | | |
| SW-800 | 7615-K2† | SPST | L | 2.04 | 1.69 | 1.41 | | |

HEAVY DUTY — 20 AMPS

Rugged Bakelite housings. Switches rated 20 amps at 250V AC. Screw terminals. U.L. approved. 8320-K1 has $\frac{1}{2}$ " dia. stem for one hole mtg. 8337-K2 is flush mtg. type with $\frac{3}{16}$ " mtg. centers. Shpg. wt., 3 oz.

| Stock No. | Mfr's. Type | Con-tacts | Fig. | Amps | | | Net Each | |
|-----------|-------------|-----------|------|------|-------|---------|----------|--|
| | | | | 1-9 | 10-99 | 100-499 | | |
| SW-801 | 8320-K1 | 3PST | S | 3.32 | 2.80 | 2.35 | | |
| SW-802 | 8337-K2 | 3PST | R | 3.32 | 2.80 | 2.35 | | |

7140-K6 CENTER-OFF AIRCRAFT SWITCH
SPDT switch with center-off position. 3 amps at 125V AC and 10 amps at 24V DC. Screw terminals. Size $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $1\frac{1}{2}$ ". Threaded stem dia. $\frac{1}{2}$ ". stem length $\frac{1}{2}$ ". U.L. approved.

| Stock No. | Mfr. No. | Fig. | Amps | | | Net Each | |
|-----------|----------|------|------|-------|---------|----------|--|
| | | | 1-9 | 10-99 | 100-499 | | |
| SW-467 | 7140-K6 | N | .45 | .37 | .30 | | |

MIDGET-BAKELITE KNIFE SWITCHES

Compact switches mounted on black bakelite base with insulated knob handle of black bakelite. Plated brass contacts provide positive low-resistance connection.

Imported

| SPDT KNIFE SWITCH | |
|--|--|
| Overall size $1\frac{1}{2}$ " x $2\frac{3}{8}$ ". Shpg. wt., 6 oz. | |
| SW-23 Net .12 ea — 10 for .99 | |

Imported

| DPDT KNIFE SWITCH | |
|--|--|
| Overall size $1\frac{1}{2}$ " x $2\frac{3}{8}$ ". Shpg. wt., 4 oz. | |
| SW-24 Net .19 ea. — 10 for 1.75 | |

HART AND HEGEMAN MOMENTARY PUSH BUTTON SWITCHES

Metal base push switches with laminated phenolic sections, slotted sleeve $\frac{1}{8}$ " diam. by $\frac{1}{8}$ " long except † are $\frac{1}{4}$ ". All have solder lug terminal, and plain tops except * which have snap on buttons (specify red or black). Rated 1A-125V AC. Shpg wt., 3 oz., buttons 1 oz.

| Stock No. | Mfr. No. | Cir-cuit | Ea. | | Lots 10 | Lots 100 |
|-----------------|----------|----------|-----|-----|---------|----------|
| | | | Ea. | Ea. | | |
| NORMALLY CLOSED | | | | | | |
| SW-33 | 3392E† | 2 Circ | .73 | .61 | .50 | |
| SW-34 | 3392A* | 2 Circ | .90 | .75 | .62 | |
| SW-35 | 3392 | 2 Circ | .73 | .61 | .50 | |
| SW-36 | 3392AE* | 2 Circ | .90 | .75 | .62 | |
| SW-37 | 3391 | SPST | .57 | .47 | .38 | |
| SW-38 | 3391G* | SPST | .74 | .61 | .51 | |
| NORMALLY OPEN | | | | | | |
| SW-39 | 3391E | SPST | .74 | .61 | .51 | |
| SW-40 | 3391G* | SPST | .74 | .61 | .51 | |

SW-41 3391-194R—Red snap-on button for all switches

SW-42 3391-194B—Black snap-on button for all switches

SWITCHCRAFT TINI-SWITCH

Subminiature push-button switch for use in limited space applications. Specially useful in miniaturized-transistor devices, microphones, intercoms or wherever an extra small switch is desired. One-piece plastic shaft available in red or black. Suitable for low level circuits only. NO = normally open. NC = normally closed. Threaded $\frac{1}{8}$ " bushing. $\frac{1}{8}$ " long, requires $\frac{3}{16}$ " behind panel. Shpg. wt., 3 oz.

| Stock No. | Mfg. No. | Red Type | Stock No. | Mfg. No. | Net Each In Lots Of | | |
|-----------|----------|----------|-----------|----------|---------------------|------|-------|
| | | | | | No. Contacts | 1-49 | 50-99 |
| SW-438 | 961 | SW-435 | 951 | SPST-NO | .33 | .45 | .40 |
| SW-439 | 962 | SW-436 | 952 | SPST-NC | .33 | .45 | .40 |
| SW-440 | 963 | SW-437 | 953 | SPDT | .39 | .50 | .45 |

NEW! MAGNETIC PROXIMITY SWITCH

Magnet Switch
Circuit Closes When Magnet Approaches Switch
• For Industry and Business
• Hermetically Sealed

An ingenious little device that has untold uses in the home—in a burglar alarm system, electric trains, "magic tricks," and many more. As the magnet approaches the switch, the circuit closes. Hermetically sealed; precious metal contacts; 1 millisecond actuation. 15 watts resistive max. up to 1 amp to 250 volts. Size: $2\frac{3}{4}$ " with leads
SW 105 Shpg. wt., 3 oz. Net 1.74

SPST MIDGET SWITCH

Type 8097-K3. Bat handle $\frac{1}{4}$ " from end or threaded stem. 3 Amps at 125V AC, .75 at 250V DC. Screw terminals. Flat sides. Threaded stem dia. $\frac{1}{8}$ ". stem length $\frac{1}{2}$ ". Shpg. wt., 2 oz.

| Stock No. | Mfr. No. | Fig. | Amps | | | Net Each | |
|-----------|----------|------|------|-------|---------|----------|--|
| | | | 1-9 | 10-99 | 100-499 | | |
| SW-466 | M | .41 | .35 | .29 | | | |

827-228 F3 ON-OFF PLATE
Switch plate with on-off indicated. Designed to fit slot in threaded stem of toggle switch. Shpg. wt., 1 oz.

| Stock No. | Mfr. No. | Fig. | Amps | | | Net Each | |
|-----------|----------|------|------|-------|---------|----------|--|
| | | | 1-9 | 10-99 | 100-499 | | |
| SW-468 | O | .49 | .04 | .03 | | | |

PLUGS - JACKS - TEST LEADS - LEAD WIRE



SMITH PLUGS AND JACKS



Insulated Phone Tip and Banana Plug and Jacks are available in Red, Black, Yellow, Green and Blue. Avg. shpg. wt., 2 oz.

INSULATED PLUGS

- Fig. A. Insulated Tip Plug.** Heavy duty. Solder type. 1" handle. 2 1/4" overall. Specify color.
 PJ-10 Net ea. .15
 10 for 1.30 100 for 11.00
- Fig. B. Insulated Solderless Tip Plug.** 1" handle, 2" length overall. Specify color.
 PJ-11 Net ea. .15
 10 for 1.30 100 for 11.00
- Fig. C. Insulated Short Tip Plug.** Solder type. 1" handle. 1 1/2" overall length.
 PJ-12 Net ea. .12
 10 for 1.08 100 for 9.00
- Fig. D. Insulated Banana Plug.** Spring type. Internal set screw for soldering. 1" handle. 1 1/4" length overall. Phosphorbronze. Specify color.
 PJ-13 Net ea. .21
 10 for 1.89 100 for 16.00
- Fig. E. Solderless Insulated Banana Plug.** Spring type. 1" handle. 1 1/4" overall. Specify color.
 PJ-14 Net ea. .18
 10 for 1.60 100 for 13.50
- Fig. F. Solderless Insulated Banana Plug.** Split type. 1" handle. 1 1/4" overall. Specify color.
 PJ-15 Net ea. .18
 10 for 1.60 100 for 13.50
- Fig. G. Insulated Banana Plug.** Spring type. 1" handle. 1 3/4" overall. Solder type. Specify color.
 PJ-16 Net ea. .18
 10 for 1.60 100 for 13.50
- Fig. H. Molded Meter Banana Plug.** Specify Red or Black.
 PJ-17 Net ea. .35
 10 for 3.10 100 for 26.00
- Fig. J. Molded Meter Tip Plug.** Specify Red or Black.
 PJ-18 Net ea. .26
 10 for 2.40 100 for 20.00

- Fig. K. Insulated Spade Lug.** 3/4" handle. 1 1/4" length overall. Specify Red or Black.
 PJ-19 Net ea. .11
 10 for .99 100 for 8.00

INSULATED JACKS

- Fig. L. Phone Tip or Banana Plug.** Mounts in 3/16" hole. Specify color.
 PJ-20 Net ea. .16
 10 for 1.40 100 for 12.00
- Fig. M. 5-Way Binding Post.** Takes phone tips, banana plugs, spade lugs, alligator clip, wire. All insulated type. Specify Red or Black.
 PJ-21 Net ea. .27
 10 for 2.43 100 for 21.87
- Fig. N. Nylon All Insulated Tip Jack.** 1" overall. Mounts in 3/16" hole. Specify color.
 PJ-22 Net ea. .18
 10 for 1.60 100 for 13.50
- Fig. P. Insulated Tip Jack.** 1 1/4" overall length. Mounts in 3/16" hole. Specify color.
 PJ-23 Net ea. .13
 10 for 1.17 100 for 10.00
- Fig. Q. Nylon Insulated Tip Jack.** With nylon washer. 1" overall length. Mounts in 3/16" hole. Specify color.
 PJ-24 Net ea. .18
 10 for 1.60 100 for 13.50
- Fig. R. Insulated Banana Jack.** 3/4" overall length. Mounts in 3/16" hole. Specify color.
 PJ-25 Net ea. .13
 10 for 1.20 100 for 10.00
- Fig. S. Instrument Banana Jack.** 3/4" overall length. Mounts in 3/16" hole. Specify color.
 PJ-26 Net ea. .15
 10 for 1.30 100 for 11.00

- Fig. T. Nylon Insulated Banana Jack.** With nylon washer. Overall length 3/4". Mounts in 3/16" hole. Specify color.
 PJ-27 Net ea. .18
 10 for 1.60 100 for 13.00

METAL JACKS

- Fig. U. Metal Tip Jack.** Mounts in 1/4" hole.
 PJ-28 Net ea. .10
 10 for .90 100 for 7.50
- Fig. V. Metal Banana Jack.** Mounts in 1/4" hole.
 PJ-29 Net ea. .10
 10 for .90 100 for 7.50
- Fig. W. Metal Banana Jack** Mounts in 1/4" hole.
 PJ-30 Net ea. .10
 10 for .90 100 for 7.50

NON-INSULATED PLUGS

- Fig. X. Solderless Phone Tip, Sr.** 1 1/4" long.
 PJ-31 Net ea. .10
 10 for .90 100 for 7.50
- Fig. Y. Solderless Phone Tip, Jr.** 1 1/4" long.
 PJ-32 Net ea. .10
 10 for .90 100 for 7.50
- Fig. Z. Banana Plug.** Spring type. 1 1/4" overall. 6-32x1/2" stud.
 PJ-33 Net ea. .15
 10 for 1.30 100 for 11.00
- Fig. AA. Banana Plug.** Spring type. Screw in head. 1 1/2" overall.
 PJ-34 Net ea. .15
 10 for 1.30 100 for 11.00
- Fig. BB. Banana Plug.** Spring type. 1 1/4" overall. 6-32x3/4" stud.
 PJ-35 Net ea. .15
 10 for 1.30 100 for 11.00
- Fig. CC. Banana Plug.** Split type. 1 1/4" overall. 6-32x1/2" stud.
 PJ-36 Net ea. .13
 10 for 1.20 100 for 11.00

LAFAYETTE JUMBO 5-WAY BINDING POST
 Accepts phone tip plug, a spade lug, a banana plug, an alligator clip and a strand of wire. Head non-removable from a stand. Molded plastic construction. For panels 3/8" to 1/4" thick. In either red or black, specify color. Imported.
 PJ-37—Shpg. wt., 8 oz. Net ea. .25

KIT OF 10 5-WAY BINDING POSTS

 .79
 • FOR BANANA PLUG
 • FOR PHONE TIP PLUG
 • FOR SPADE LUG
 • FOR ALLIGATOR CLIP
 • FOR STRAND OF WIRE
 For panels 3/8" to 1/4" thick. Assortment of 10 pieces, 5 Red and 5 Black. Shpg. wt., 8 oz. Imported
 MS-566 Binding Post Kit Net .79

METAL BINDING POST

 10 for 1.35 50 for 6.00
 Made of brass, heavily nickel plated overall. With screw and lock washer. Shpg. wt., 8 oz.
 PJ-38 Net Ea. .15

AMPHENOL NYLON TIP JACKS

 Made to MIL specs. Threaded metal bodies mount in 1/4" holes. Handles 1000V peak. In red, black or green. Specify color. Shpg. wt., 1 1/4 oz.

TURRET TERMINAL TYPE (Fig. A). Has silver-plated beryllium copper contact. 3/16" long.
 Stock No. Type No. 1-9 10-49 50-249
 CM-244 350-29175 Ea. .36
 .32 .27

SILVER TERMINAL TYPE (Fig. B). Has silver-plated phosphor bronze contact. 1 1/2" long.
 Stock No. Type No. 1-9 10-49 50-249
 CM-245 350-29200 .40 .36 .30

CIRCUIT TESTER

 A simple, safe, electrical circuit tester for voltages from 60 volts AC to 550 volts AC or DC. Used for radio, electrical and automotive testing. Molded plastic. Shpg. wt., 2 oz.
 MS-257 Net ea. .35

STRETCH LEADS

 Self coiling—kink proof—retracts to 9" coils. Extends to 6 feet. Saves clutter. Never tangles or knots. Shpg. wt., 6 ozs.
 P-290—Net per pair 2.91

HIGH VOLTAGE LEADS
 For hi-volt testing in TV sets. Extra heavy duty. Special finger guards. High tension wire. 22,000 volts breakdown. 48" long. Shpg. wt., 6 ozs.
 MS-538—with phone tips Net per pair 1.94
 MS-539—with spade lugs Net per pair 1.94
 MS-540—with alligator clips Net per pair 2.35

THIN TYPE—50"
 For hard to reach places. Extra slim plastic handles with long, slim, insulated prods attached. 50", 6000 v test wire. Angle type phone tips. Shpg. wt., 4 ozs.
 MS-541 Net per pair 1.12

KLIPZON ADAPTERS
 Convert old test points to self holding prods. Fits over standard phone tips or needle type.
 P-300—Red 2 oz. Net Ea. .38
 P-301—Black 2 oz. Net Ea. .38

LAFAYETTE SPECIAL BARGAINS

BUDGET UNIVERSAL TEST LEAD KIT IN PLASTIC CASE

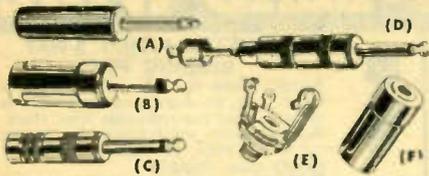
This kit consists of color coded 4-3/16" long x 3/16" dia. red and black plastic handle pin prods with heavy duty 37" kinkless rubber leads with 500C v breakdown insulation terminating in coded 2" long x 3/16" dia. plastic grip banana plugs. 3 sets of interchangeable terminals are included. They all slip directly on to the banana plugs. They are spade lugs terminals, phone tips and red and black insulated alligator clips. These items have their own handsome and handy compartmentalized flexible plastic case which snaps shut. Shpg. wt., 1 1/2 lbs.
 F-373 Imported Net .77

TEST LEADS

Standard test leads furnished with plastic prods and pin plugs which withstands chipping or breaking. Extra flexible kinkless vinyl covered 60" red and black leads. Prods are red and black. 4" long x 3/16" diameter. Supplied in pair of one red and one black. Available with either pin or banana plugs.
 Shpg. wt., 8 oz. Imported
 F-344 Test Leads With Banana Plugs Net .39
 F-345 Test Leads With Pin Plugs Net .39

39¢

Plugs, Jacks, Clips



LAFAYETTE SPECIAL

2-CONDUCTOR PHONE PLUGS STANDARD 2-CONDUCTOR PHONE PLUGS

Phone plugs for a wide variety of applications with choice of handle sizes and materials. All sleeves fit standard 1/4" phone jacks. Avg. shpg. wt., 8 oz.

FIG. A. SLIM PHONE PLUG Smooth bakelite handle. Solder terminals with cable clamp. Imported
MS-453 Net .25 ea. — 10 for 2.15

FIG. B. BARREL PHONE PLUG Ribbed plastic barrel handle. Screw terminals. Imported
MS-455 Net .22 ea. — 10 for 1.90

FIG. C. SHIELDED SLIM PLUG Ribbed chromed metal handle. Solder terminal with cable clamp. Imported
MS-443 Net .29 ea. — 10 for 2.50

FIG. D. PHONE TO PHONO PLUG ADAPTER Adapts from standard phone plug to RCA type phono plug. Overall length 2 7/8" x 1/2" diam. Imported
MS-444 Net .39 ea. — 10 for 3.25

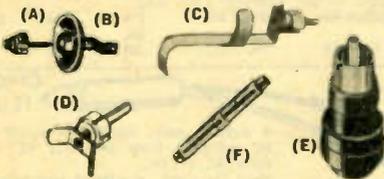
STANDARD PHONE JACKS FOR 1/4" PLUGS

FIG. E. OPEN CIRCUIT JACK Standard open circuit phone jack, 3/8" bushing, 1/2" long. Complete with mounting hardware. Imported
MS-441 Net .19 ea. — 10 for 1.75

FIG. E. CLOSED CIRCUIT JACK Same as above but closed circuit phone jack. Imported
MS-454 Net .19 ea. — 10 for 1.75

FIG. E. OPEN CIRCUIT JACK Open circuit jack for 3 conductors. Imported
MS-318 Net .29 ea. — 10 for 2.90

FIG. F. EXTENSION CABLE JACK Fit standard 1/4" phone plug. Screw terminals. Barrel plastic handle matches MS-455 Barrel plug. Imported
MS-442 Shpg. wt., 10 oz. Net .22 ea. — 10 for 1.90



PHONO PLUGS AND JACKS

(A) Single Prong Shielded Plug — RCA type, used extensively for mike, phono, etc.
MS-167 — 10 for .35 Shpg. wt., 4 oz. singly, ea. .04

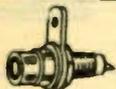
(B) Phono Jack — Accepts RCA type phono plug. Mounts in rear of panel.
MS-168 — 10 for .50 Shpg. wt., 4 oz. singly, ea. .06

(C) Solderless Phono Plug — For phono, coax cables. Pin contacts center conductor, tab wraps around shield.
MS-373 — Lots of 10, ea. .35 Wt., 4 oz. singly, ea. .38

(D) Finger grip plug — Phono plug with handy finger grip.
MS-471 — 10 for .50 Shpg. wt., 4 oz. singly, ea. .06

(E) Semi-Solderless Phono Plugs — Fits std RCA type phono jacks. Needs only spot solder at tip. Plastic shell with finger grip. In black, red, yellow, green, white, blue, specify color.
MS-472 — 5 for 1.70 Shpg. wt., 4 oz. singly, ea. .38

(F) Feed Thru — Accepts male phono plug at both ends.
MS-96 Shpg. wt., 4 oz. Net .53



PHONO PIN JACK SINGLE HOLE MOUNTING

15c ea. 10 for \$1.35

RCA type female input jack. Mounts securely in single 1/4" hole by means of locknut on jack. Screws, nuts and washers unnecessary.
MS-568 Shpg. wt., 4 oz. 10 for 1.35 Singly, ea. .15

3 CONDUCTOR PHONE PLUG & JACK



(A) 3 Conductor Phone Jack, Open Circuit. Imported.
PJ-80 Net .25

(B) 3 Conductor Phone Plug — Black Bakelite Handle. Solder lugs. Open circuit 1/4" shaft. Imported.
PJ-81 Net .39

ULTRA MINIATURE PLUG & JACK



• 1/2 The Previous Size
• Same Precision Workmanship
• Finest plug and jack available. Plug is 1 3/16" overall. Jack mounts on panels up to 1/32" thick. Requires 3/32" mtg. hole. Extends 1/32" behind panel. 3 circuit jack can be used open or closed. Shpg. wt., 1 oz. Imported
MS-883 Plug and jack, per set .25

NEW! SUB-MINIATURE PLUG & JACK

Provides Extra Earphone Jack for Transistor Radios



This new sub-miniature plug and jack set is designed for most transistor radios with earphone jacks. Just plug it in and you have 2 jacks for earphones, speakers, etc.— can be used in most instruments provided with an earphone jack. Overall size: 2 1/4" x 1 1/4" x 3/4" D. Shpg. wt., 6 oz. Imported
MS-879 Net pair .89

SUBMINIATURE PHONE PLUG AND JACK



Finest "phone plug" and jack available. Only 1" long x 1/4" diameter, overall. Excellent for transistor and subminiature applications. Plug has removable sleeve. Jack can be mounted on panel up to 1/4" thick. Jack can be used for both open and closed circuits. 4 oz. Imported
MS-281—Plug Net .17
MS-282—Jack Net .13
MS-370—Plug and Jack Set Net .25

FLAT PLUG



Ultra-compact type for use where space is limited. Bakelite body. 1 1/4" dia., 1/4" thick. Shpg. wt., 4 oz.
MS-599 .44

STANDARD PHONE TIPS

Heavily plated. Takes up to No. 18 wire, 1" long. 4 oz.
MS-39 10 for .12 100 for 1.00

PHONE PLUG TO PHONO JACK ADAPTER



Brass, nickel-plated adapter. Has standard phone jack on one end to take regular phone plug, and RCA-type phono plug on other end. Has threaded bushing with nut and washer so can be panel mounted if desired. Shpg. wt., 4 oz. Imported
MS-535 Net .52

HEAVY SHIELDED PHONE PLUGS AND JACKS



(A) Sturdy, heavy brass, nickel-plated phone plugs with screw terminal connections. Threaded insulated cable outlet may be removed for larger cables to pass through. Body dia. 3/4", overall length 3 1/4". Shpg. wt., 4 oz. Imported
MS-534 Plug Net ea. .59 10 for 5.30

(B) Matching in-line phone jack, same construction as plug. Overall length 2" Imported
MS-533 Jack Net ea. .55 10 for 4.95

NEW! ALL SHIELDED PHONO PLUG AND JACK



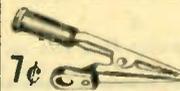
(A) Removable Shell for easy soldering of wires. Positive ground connection through unique ground lug reduces hum to a minimum. Extra long handle makes removal from amplifier a snap. Completely shielded in bright nickel plate on brass body and shell. Fits all RCA type jacks. 1 1/4" long. Shpg. wt., 4 oz. Imported
MS-593 Net .19

(B) Extension Cable Jack for use with MS-593 or any other type of phono plug. Shpg. wt., 4 oz. Imported
MS-594 Net .19



KIT OF 20 INSULATED ALLIGATOR CLIPS

Two kits of insulated alligator clips. Kit A consists of 20 large size clips, kit B consists of 20 small size clips. All have sturdy nickel-plated jaws with strong spring and hard bite. Each kit contains 10 red and 10 black alligator clips, carded and bagged. Shpg. wt., 8 oz. Imported
MS-569 Kit B (1 1/2") Net .89
MS-570 Kit A (2 1/4") Net 1.39



INSULATED ALLIGATOR CLIP

Sturdy nickel-plated brass jaws with plastic insulated thumb rest and insulated barrel. Strong spring with hard bite. Solder lug connection. Overall length 2 1/2". Shpg. wt., 4 oz. Supplied in Red and Black. Imported
MS-451—Red Alligator Clip Net ea. .07
MS-452—Black Alligator Clip 20 for 1.17

2 INSULATED ALLIGATOR CLIPS WITH BANANA PLUGS



• Solid Copper Clips • With 2 Banana Jacks
2 accurately matched sturdy jaws for a tight grip. Convenient thumb grip with soldering attachment. Overall size of insulated alligator clip with bakelite handle 3", overall size of banana plug 1 3/4". 1 red alligator clip and banana plug and 1 black alligator clip and banana plug. Shpg. wt., 4 oz.
MS-768 2 Alligator Clips and 2 Banana Plugs Net .39

INSULATED ALLIGATOR CLIPS WITH TIP JACK PLUGS



Set of 2 clips, 1 black and 1 red, that plug into tip jack probes. Permits use of one set of probes where 2 sets are usually required. Clips are 2 1/4" overall. Shpg. wt., 6 oz. Imported
MS-842 Set of 2 Net .25

CROCODILE CLIPS

Nickel plated brass type for low resistance. Quality springs maintain positive action. Provided with rubber insulation. Shpg. wt., 2 oz. Imported

| Stock No. | Amps. | Size | Net |
|-----------|-------|--------|------------|
| MS-582 | 1 | 1 7/8" | 10 for .90 |
| MS-583 | 5 | 2 1/4" | 10 for .99 |

INSULATED ALLIGATOR TEST CLIPS WITH 6 FT. LEAD

Handy for quick connections. Plated brass alligator clip with insulated handles and 6 ft. of No. 22 stranded wire attached. Clip is 1 1/2" overall. Shpg. wt., 8 oz.
MS-536 Red 50 for 3.25 10 for .72
MS-537 Black Imported SINGLY, EACH .08

LAFAYETTE JUMBO 5-WAY BINDING POST



Accepts phone tip plug, a banana plug, an alligator clip and a strand of wire. Head non-removable from stand. Molded plastic construction. For panels 1/4" to 1/2" thick. In either red or black color; specify. Imported
PJ-37—Shpg. wt., 8 oz. Net Ea. .25

JUMPER LEAD KIT

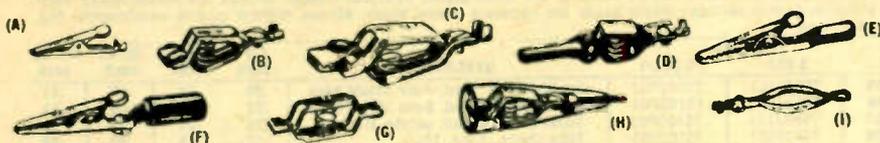


KIT OF 10 COLOR CODED 14" LEADS
10 handy 14" leads with miniature insulated alligator clips attached to each end. Clips and leads color coded. 5 pairs each a different color. Ideal for serviceman or experimenter. Shpg. wt., 8 oz. Imported
MS-479 1.19

Plugs and Clips

MUELLER UNIVERSAL CLIPS AND INSULATORS

Positive contact. Standard package of 10 contains 5 marked + and 5 unmarked. No. of insulator to fit each clip is shown in charts. Insulation not included in price.



MINI-GATOR CLIP (A)

Smallest made steel, cadmium plated alligator jaws open $\frac{3}{16}$ ". Length $1\frac{1}{2}$ ". Solder connection. For #20 or smaller wire. Uses No. 32 Insulator. Avg. Shpg. wt., 4 oz.

| Stock No. | No. | Each | 10 | 100 | 500 |
|-----------|-----|------|-----|------|------|
| CM-250 | 30 | .06 | .04 | .034 | .032 |

TEST CLIPS WITH MESH TEETH (B)

All steel, cadmium plated except * is solid copper. † is bronze. ‡ has insulation piercing needle in jaw. Avg. shpg. wt., 4 oz.

| Stock No. | No. | Amp. | Size | Each | 10 | 100 | 500 |
|-----------|-------|------|--------|------|------|------|------|
| CM-251 | 45 | 5 | 1 1/2" | .07 | .05 | .042 | .04 |
| CM-252 | 45C* | 10 | 1 1/2" | .14 | .095 | .08 | .076 |
| CM-253 | 48B | 10 | 2" | .11 | .074 | .063 | .06 |
| CM-254 | 48C* | 10 | 2" | .15 | .11 | .092 | .088 |
| CM-255 | 50C†‡ | 10 | 2 1/4" | .27 | .20 | .166 | .158 |

A For reference only, insulator not supplied.

BATTERY CLIPS STEEL AND COPPER (B)

* Are solid copper, all others are lead plated. Avg. shpg. wt., 4 ozs.

| Stock No. | No. | Amp. | Size | Each | 10 | 100 | 500 |
|-----------|------|------|--------|------|------|------|------|
| CM-256 | 24A | 25 | 2 1/2" | .23 | .16 | .134 | .128 |
| CM-257 | 21A | 50 | 4" | .39 | .28 | .24 | .23 |
| CM-258 | 11A | 100 | 6" | 1.04 | .75 | .64 | .61 |
| CM-259 | 24C* | 50 | 2 1/2" | .37 | .27 | .23 | .22 |
| CM-260 | 21C* | 100 | 4 1/2" | .95 | .68 | .58 | .55 |
| CM-261 | 11C* | 200 | 6" | 1.77 | 1.27 | 1.08 | 1.03 |

3 SIDED MESH TEETH CLIPS (C)

* Solid copper, others cad. plated steel. Avg. shpg. wt., 4 ozs.

| Stock No. | No. | Amp. | Size | Each | 10 | 100 | 500 |
|-----------|------|------|--------|------|-----|------|------|
| CM-262 | 27 | 20 | 2 1/2" | .13 | .09 | .08 | .07 |
| CM-263 | 27C* | 40 | 2 1/2" | .23 | .16 | .134 | .128 |

PHOSPHOR-BRONZE WEE-PEE-WEE CLIPS (I)

Non-ferrous R.F. test clip. Length $1\frac{1}{4}$ ". Jaws open $\frac{3}{16}$ ". Uses 93 Insulator. Avg. Shpg. wt., 4 ozs.

| Stock No. | No. | Each | 10 | 100 | 500 |
|-----------|-----|------|-----|-----|------|
| CM-264 | 88 | .22 | .15 | .13 | .124 |

TERMINAL STRIPS



Superior quality bakelite terminal strips. Solder lugs mounted on $\frac{1}{16}$ " thick insulation. Available with 2, 3, 4 or 6 solder lugs and screw terminals. Mounting holes for 6-32 screws. Avg. shpg. wt., 4 oz.

| Stock No. | Term | EA. | 5 | 100 | Stock No. | Term | EA. | 5 | 100 |
|-----------|------|-----|-----|------|-----------|------|-----|-----|------|
| MS-227 | 2 | .06 | .25 | 3.40 | MS-371 | 5 | .14 | .65 | 7.70 |
| MS-228 | 3 | .09 | .40 | 4.80 | MS-230 | 6 | .17 | .75 | 9.10 |
| MS-229 | 4 | .12 | .55 | 6.20 | | | | | |

HEAVY DUTY SCREW COLLAR STRIPS



$\frac{3}{8}$ " bakelite. $\frac{7}{16}$ " wide Nickel Plated Brass Screw Terminals, tinned solder lugs. Avg. shpg. wt., 4 oz.

| Stock No. | NET EA. | LOTS OF 10 | 100 | Stock No. | NET EA. | LOTS OF 10 | 100 |
|-----------|---------|------------|-----|-----------|---------|------------|-----|
| MS-237 | 2 | .20 | .18 | MS-242 | 7 | .52 | .47 |
| MS-238 | 3 | .28 | .25 | MS-243 | 8 | .59 | .53 |
| MS-239 | 4 | .34 | .31 | MS-244 | 9 | .65 | .58 |
| MS-240 | 5 | .41 | .37 | MS-245 | 10 | .71 | .64 |
| MS-241 | 6 | .46 | .41 | | | | |

BAKELITE MOUNTING STRIPS



Mounts parts on chassis. Avg. shpg. wt., 4 oz.

| Stock No. | Term | EA. | 10 | 100 | Stock No. | Term | EA. | 10 | 100 |
|-----------|------|-----|-----|------|-----------|------|------|-----|------|
| MS-231 | 1 | .02 | .15 | .90 | MS-234 | 4 | .045 | .35 | 2.80 |
| MS-232 | 2 | .02 | .15 | 1.20 | MS-235 | 5 | .05 | .40 | 3.05 |
| MS-233 | 3 | .04 | .30 | 2.40 | MS-236 | 6 | .07 | .53 | 4.20 |

CROCODILE CLIPS (D)

Avg. shpg. wt., 4 ozs.

| Stock No. | No. | Size | Conn. | EA. | 10 | 100 | 500 |
|-----------|------|--------|-------|-----|-----|------|------|
| CM-265 | 85 | 2 1/4" | Screw | .09 | .06 | .052 | .049 |
| CM-266 | 85C* | 2 1/4" | Screw | .18 | .12 | .105 | .10 |
| CM-267 | 85T† | 2 1/4" | Tip | .22 | .15 | .13 | .124 |

* Copper, others cad. plated. † has standard phone tip to one jaw.

ALLIGATOR CLIPS (E)

Avg. shpg. wt., 4 ozs.

| Stock No. | No. | Size | Open | Conn. | EA. | 10 | 100 | 500 |
|-----------|-------|------|------|-------|-----|------|------|------|
| CM-268 | 60 | 2" | 3/4" | Std. | .07 | .05 | .044 | .04 |
| CM-269 | 60S | 2" | 3/4" | Std. | .08 | .058 | .048 | .044 |
| CM-270 | 60CS* | 2" | 3/4" | Screw | .12 | .084 | .072 | .068 |

* Copper, others steel. All fits banana plugs.

INSULATED ALLIGATOR CLIPS (F)

Specify red or black. * copper, others cad. plated steel.

| Stock No. | No. | Size | Conn. | EA. | 10 | 100 | 500 |
|-----------|-------|--------|-------|-----|------|------|------|
| CM-271 | 60MS | 2 1/2" | Std. | .11 | .075 | .064 | .061 |
| CM-272 | 60CS* | 2 1/2" | Screw | .15 | .10 | .086 | .082 |

TWIN CLIPS (G)

Jaws of both ends operate independently. Cad. plated steel 2" long, jaws open 1/2". Avg. shpg. wt., 4 ozs.

| Stock No. | No. | Each | 10 | 100 | 500 |
|-----------|-----|------|------|------|------|
| CM-273 | 22 | .12 | .082 | .071 | .067 |

FLEXIBLE INSULATORS (H). Avg. shpg. wt., 4 ozs.

BOX OF 10 CONTAINS 5 RED AND 5 BLACK.

| Stock No. | Ins. | Fits | Clip | Series | Net Each | 10 | 100 | 500 |
|-----------|------|---------|------|--------|----------|------|------|------|
| CM-274 | 13 | 11 | | | .78 | .56 | .48 | .45 |
| CM-275 | 23 | 21 | | | .39 | .28 | .237 | .225 |
| CM-276 | 26 | 24 | | | .21 | .15 | .13 | .12 |
| CM-277 | 29 | 27 | | | .13 | .09 | .076 | .072 |
| CM-278 | 32 | 30 | | | .05 | .03 | .025 | .024 |
| CM-279 | 47 | 45 | | | .06 | .04 | .035 | .033 |
| CM-280 | 49 | 48 & 50 | | | .09 | .065 | .054 | .052 |
| CM-281 | 62 | 60 | | | .05 | .035 | .03 | .028 |
| CM-282 | 87 | 85 | | | .06 | .04 | .035 | .033 |
| CM-283 | 93 | 88 | | | .12 | .08 | .07 | .067 |

MICRO-GATOR CLIP

SHPG. WT., 2 oz.

* Cad plated steel † Solid copper

Alligator clip for use on P.C. boards, tiny terminals and other crowded spots.

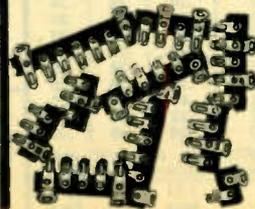
| Stock No. | No. | Size | Open | EA | 10 | 100 | 500 |
|-----------|-----------------------|--------|------|-----|-----|------|------|
| CM-284 | 34* | 1 1/2" | 3/8" | .06 | .04 | .034 | .032 |
| CM-285 | 34C† | 1 1/2" | 3/8" | .07 | .05 | .043 | .041 |
| CM-286 | Red Flex. Insulator | | | .05 | .03 | .025 | .024 |
| CM-287 | Black Flex. Insulator | | | .05 | .03 | .025 | .024 |

FAHNESTOCK CLIPS

Brass clips that assure good electrical contact without injury to wire. $\frac{3}{16}$ " wide except * which are $\frac{1}{8}$ ". Shpg. wt., 4 oz.

| Stock No. | Fig. | Len. | Wire | Mfg. Hole | 10 | 100 |
|-----------|------|--------|--------|-----------|------|------|
| MS-248 | B | 1" | No. 10 | No. 8 | .15 | 1.35 |
| MS-249 | C | 1-1/8" | No. 10 | No. 8 | .19 | 1.70 |
| MS-250 | A | 1 1/4" | No. 10 | No. 8 | 1.10 | 9.90 |
| MS-251* | B | 3/4" | No. 14 | No. 6 | .10 | .90 |

KIT OF 48 SOLDER LUG STRIPS



Handy assortment of 48 solder lug terminal strips with 8 of each type from 1 through 6 lugs. Shpg. wt., 12 oz. Imported

| | | |
|-----------------|-----|-----|
| STOCK NO. KI-18 | Net | .98 |
|-----------------|-----|-----|

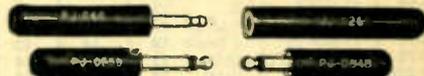
GENERAL RADIO TYPE 274MB INSULATED DOUBLE PLUG

Attractively designed, Molded-S. double plug assembly for rapid and convenient connections in the laboratory. Jack top permits stacking per multiple connections. Low capacitance, low losses, completely insulated for hand protection, polarity indication molded in. A cross hole in the center provides strain relief for attached cables up to 0-2" Dia. Shpg. wt., 5 oz.

TD-216 Net .65



SWITCHCRAFT PLUGS AND JACKS

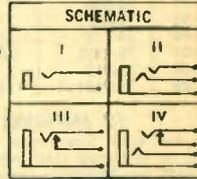
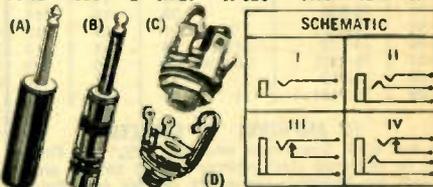


MIL TYPE PLUGS AND EXTENSION JACK

All meet industrial and military requirements. Plugs are made to MIL-P-642A Specs. The extension Jack type 820 meets MIL-J-641A specs. Best quality material and workmanship assure positive internal interlock. Parts will not shift in position. Black plastic handle. Extension Jack fits type 430 Littel plug. All have screw terminals. Avg. shpg. wt., 5 oz.

LITTEL-PLUGS AND JACKS

| Stock No. | Type | Cond. | Old S.C. No. | Net Each | 50- <th>100 </th> | 100 |
|-----------|------|-------|--------------|----------|-------------------|------|
| PJ-69 | 430 | 2 | PL-54 | PJ-054B | .82 | .69 |
| PJ-70 | 440 | 2 | PL-55 | PJ-055B | .82 | .69 |
| PJ-71 | 480 | 3 | PL-68 | PJ-068 | 2.12 | 1.76 |
| PJ-72 | 820 | 2 | JK-26 | JJ-026 | 1.18 | .98 |



"LITTLE PLUGS" PHONE PLUGS—Compact quality plugs.

Fits standard $\frac{1}{4}$ " phone jacks except * with .206 diam. sleeve and † with short sleeve for Reverse recorders. In plastic handle or with brass nickel plated shells for shielding. Solder terminal has built-in cable clamp. Handle $1\frac{1}{4}$ " long, $\frac{1}{2}$ " diam. Av. shpg. wt., 4 oz.

| Stock No. | Type | Fig. | Cond. | Handle | Terminals | Net |
|-----------|--------|------|-------|--------|-----------|-----|
| PJ-42 | 240 | A | 2 | Black | Screw | .44 |
| PJ-43 | 245 | A | 2 | Red | Screw | .44 |
| PJ-44 | 250 | A | 2 | Black | Solder | .41 |
| PJ-45 | S-250* | A | 2 | Black | Solder | .44 |
| PJ-46 | 255 | A | 2 | Red | Solder | .41 |
| PJ-47 | 260 | A | 3 | Black | Screw | .71 |
| PJ-48 | 267 | A | 3 | Black | Solder | .62 |
| PJ-49 | 280 | B | 2 | Metal | Solder | .59 |
| PJ-50 | S-280* | B | 2 | Metal | Solder | .59 |
| PJ-51 | R-280† | B | 2 | Metal | Solder | .73 |
| PJ-52 | 297 | B | 3 | Metal | Solder | .76 |

"LITTLE-JAX" PHONE JACKS (Fig. C) Accept standard

$\frac{1}{4}$ " phone plugs, except * with .210" I.D. sleeve and † mates with 480 Mil type "Little-Plug." Abbvs.: SCC—single closed ckt; OC—open ckt. $\frac{3}{16}$ " dia., $1\frac{1}{2}$ " overall; $\frac{3}{16}$ " dia. threaded shank, $\frac{1}{2}$ " long. Av. Shpg. wt., 3 oz.

| Stock No. | Type | Schematic | Cond. | CKT. | Jan Type | Net |
|-----------|--------|-----------|-------|------|----------|-----|
| PJ-53 | 11 | I | 2 | OC | — | .24 |
| PJ-54 | C-11 | I | 2 | OC | JJ-034 | .35 |
| PJ-55 | S-11* | I | 2 | OC | — | .26 |
| PJ-56 | 12A | II | 2 | SCC | — | .26 |
| PJ-57 | C-12A | II | 2 | SCC | JJ-089 | .44 |
| PJ-58 | 12B | III | 3 | OC | — | .32 |
| PJ-59 | C-12B† | III | 3 | OC | JJ-033 | .41 |
| PJ-60 | 13B | IV | 3 | SCC | — | .44 |

"TINI-PLUGS" SUBMINIATURE PHONE PLUGS. 2-conductor

phone plug for use with "Tini-Jax." Only $1\frac{1}{8}$ " in length. In plastic or metal shielded handles. Wt., 2 oz.

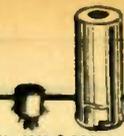
| Stock No. | Type | Fig. | Handle | Terminals | Net |
|-----------|------|------|--------|-----------|-----|
| PJ-61 | 740 | A | Black | Screw | .44 |
| PJ-62 | 745 | A | Red | Screw | .44 |
| PJ-63 | 750 | A | Black | Solder | .41 |
| PJ-64 | 755 | A | Red | Solder | .41 |
| PJ-65 | 770 | B | Metal | Screw | .62 |
| PJ-66 | 780 | B | Metal | Solder | .59 |

"TINI-JAX" SUBMINIATURE PHONE JACKS (Fig. D) 2-conductor

phone jacks for "Tini-Plugs." Only $\frac{3}{16}$ " long. Abbvs: OC—open ckt; CC—closed ckt. Av. Shpg. wt., 2 oz.

| Stock No. | Type | Schematic | CKT. | Net |
|-----------|------|-----------|------|-----|
| PJ-67 | | | | |

PLUGS, SOCKETS, CONNECTORS



ELCO JAN S-28A-3 MINIATURE SOCKETS AND SHIELDS

An outstanding line of 7- and 9-pin miniature tube sockets and shields made in accordance with JAN S-28A and JAN S-28A-1 specs. Miniature socket contacts are silver-plated phosphor-bronze; shields are nickel-plated brass with phosphor-bronze springs; shield bases are cadmium plated brass. All are highest quality components. Avg. shpg. wt., 4 oz.

| Stock No. | Jan No. | S-28A | S-28A-1 | DESCRIPTION | 1-9 each | 10-49 each | 50-99 each | 100-up each |
|-----------|----------|-------|----------|---|----------|------------|------------|-------------|
| MS-495 | TSE7T101 | | TS102P01 | Socket, mica filled, 7-pin shield base | .20 | .18 | .17 | .14 |
| MS-496 | TSE9T101 | | TS103P01 | Socket, mica filled, 9-pin, shield base | .22 | .20 | .18 | .15 |
| MS-497 | TSB8T101 | | TS101P01 | Socket, mica filled, saddle octal | .26 | .24 | .22 | .19 |
| MS-498 | TSF0T101 | | TS102U01 | Tube shield, 7-pin, 1 1/2" | .12 | .11 | .10 | .08 |
| MS-499 | TSF0T102 | | TS102U02 | Tube shield, 7-pin, 1 1/2" | .12 | .11 | .10 | .08 |
| MS-500 | TSF0T103 | | TS102U03 | Tube shield, 7-pin, 2 1/4" | .14 | .13 | .12 | .10 |
| MS-501 | TSF0T104 | | TS103U01 | Tube shield, 9-pin, 1 1/2" | .14 | .13 | .12 | .10 |
| MS-502 | TSF0T105 | | TS103U02 | Tube shield, 9-pin, 1 1/2" | .14 | .13 | .12 | .10 |
| MS-503 | TSF0T106 | | TS103U03 | Tube shield, 9-pin, 2 1/4" | .18 | .16 | .15 | .13 |

AMPHENOL MINIATURE A SHIELDED CONNECTORS

Molded bakelite cad. plated brass shells, for cables up to 1/4" Diam. PCG series take 7/8" hole. Shpg. wt., 2 oz.

| Stock No. | Mfg. No. | Cont. | D x L | 1-24 Ea. | 25-99 Ea. | 100-249 Ea. |
|-----------|----------|-------|-----------------|----------|-----------|-------------|
| CM-171 | 91-MPM3L | 3 | 1 1/4" x 1 3/4" | .35 | .26 | .24 |
| CM-172 | 91-MPM3S | 3 | 1 1/4" x 1 3/4" | .33 | .25 | .23 |
| CM-173 | 91-MPM4L | 4 | 1 1/4" x 1 3/4" | .36 | .27 | .24 |
| CM-174 | 91-MPM4S | 4 | 1 1/4" x 1 3/4" | .34 | .26 | .24 |
| CM-175 | 91-MPM5L | 5 | 1 1/4" x 1 3/4" | .39 | .29 | .26 |
| CM-176 | 91-MPM6L | 6 | 1 1/4" x 1 3/4" | .41 | .31 | .28 |
| CM-168 | 91-MPF3L | 3 | 1 1/4" x 1 3/4" | .38 | .29 | .26 |
| CM-169 | 91-MPF3S | 3 | 1 1/4" x 1 3/4" | .36 | .27 | .24 |
| CM-237 | 91-MPF4L | 4 | 1 1/4" x 1 3/4" | .42 | .31 | .28 |
| CM-170 | 91-MPF4S | 4 | 1 1/4" x 1 3/4" | .36 | .27 | .24 |

Chassis Connectors for Above Fig. C.

| Stock No. | Mfg. No. | Cont. | Ctrs. | 1-49 Ea. | 50-249 Ea. | 250-499 Ea. |
|-----------|----------|-------|--------|----------|------------|-------------|
| CM-87 | 78-PCG-3 | 3 | 1 1/4" | .19 | .15 | .14 |
| CM-88 | 78-PCG-4 | 4 | 1 1/4" | .23 | .18 | .16 |
| CM-89 | 78-PCG-5 | 5 | 1 1/4" | .23 | .18 | .16 |
| CM-90 | 78-PCG-6 | 6 | 1 1/4" | .26 | .21 | .19 |

MINIATURE PLUGS & SOCKETS

Usable with 91-MPM, 91-MPF and 78-PCG miniature connectors. Supplied with push-on retainer rings. Need 3/8" hole. Av. T Type is MICA filled. Shpg. wt., 4 oz.

| Stock No. | Socket Type No. | Cont. | 1-49 Each | 50-249 Each | 250-999 Each |
|-----------|-----------------|-------|-----------|-------------|--------------|
| CM-109 | 78-S3S | 3 | .09 | .07 | .06 |
| CM-110 | 78-S4S | 4 | .12 | .08 | .08 |
| CM-111 | 78-S5S | 5 | .15 | .11 | .10 |
| CM-112 | 78-S6S | 6 | .16 | .12 | .11 |
| CM-78 | 78-7P | 7 | .21 | .16 | .15 |
| CM-241 | 78-7PT | 7 | .21 | .16 | .15 |

| Stock No. | Plug Type No. | Cont. | 1-49 Each | 50-249 Each | 250-999 Each |
|-----------|---------------|-------|-----------|-------------|--------------|
| CM-59 | 71-3S | 3 | .09 | .07 | .062 |
| CM-60 | 71-4S | 4 | .11 | .08 | .076 |
| CM-61 | 71-5S | 5 | .11 | .09 | .08 |
| CM-62 | 71-6S | 6 | .14 | .11 | .10 |

CABLE CONNECTORS

Shielded cap and rubber grommet-end opening. Consist of "S" type tube sockets and "CP" plugs with hoods. Avg. shpg. wt., 6 oz.

| Stock No. | Female Type No. | Cont. | 1-49 Each | 50-249 Each | 250-999 Each |
|-----------|-----------------|-------|-----------|-------------|--------------|
| CM-81 | 78-PF4 | 4 | .31 | .24 | .21 |
| CM-82 | 78-PF5 | 5 | .31 | .24 | .22 |
| CM-83 | 78-PF6 | 6 | .33 | .25 | .23 |
| CM-84 | 78-PF7S | 7S | .34 | .26 | .24 |
| CM-85 | 78-PF8 | 8 | .33 | .24 | .23 |
| CM-238 | 78-PF9 | 9 | .35 | .26 | .24 |
| CM-86 | 78-PF11 | 11 | .37 | .28 | .25 |

| Stock No. | Male Type No. | Cont. | 1-49 Each | 50-249 Each | 250-999 Each |
|-----------|---------------|-------|-----------|-------------|--------------|
| CM-154 | 86-PM4 | 4 | .34 | .26 | .24 |
| CM-155 | 86-PM5 | 5 | .35 | .26 | .24 |
| CM-156 | 86-PM6 | 6 | .36 | .27 | .24 |
| CM-157 | 86-PM7S | 7S | .37 | .28 | .25 |
| CM-158 | 86-PM8 | 8 | .37 | .28 | .25 |
| CM-159 | 86-PM9 | 9 | .38 | .28 | .26 |
| CM-160 | 86-PM11 | 11 | .41 | .31 | .28 |
| CM-239 | 86-PM12 | 12 | .32 | .24 | .23 |
| CM-240 | 86-PM20 | 20 | .59 | .45 | .40 |

AMPHENOL TYPE 79-CC4 Cable-clamp used with above connectors to relieve strain on soldered connections.

| Stock No. | Mfg. No. | 1-24 Each | 25-99 Each | 100-249 Each |
|-----------|----------|-----------|------------|--------------|
| CM-113 | 79-CC4 | .10 | .08 | .07 |

(A) AMPHENOL "MIP" SOCKETS
Molded high dielectric black bakelite, with molded-in plate for 1 1/2" mounting centers. T types are mica-filled. 1 1/2" mounting hole except 1 1/4" mtg. hole, 1 1/8" Mtg. ctrs. † 1 1/2" mtg. hole. Avg. shpg. wt., 5 oz.

| Stock No. | Mfg. No. | Prongs | 1-49 Each | 50-249 Each | 250-499 Each |
|-----------|-----------|---------|-----------|-------------|--------------|
| CM-70 | 77-MIP-4 | 4 | .13 | .10 | .09 |
| CM-71 | 77-MIP-5 | 5 | .15 | .11 | .10 |
| CM-72 | 77-MIP-6 | 6 | .17 | .13 | .12 |
| CM-76 | 77-MIP-7L | 7 Large | .18 | .14 | .13 |
| CM-77 | 77-MIP-7S | 7 Small | .18 | .14 | .13 |
| CM-73 | 77-MIP-8 | Octal | .15 | .12 | .11 |
| CM-231 | 77-MIP-8T | Octal | .18 | .14 | .13 |
| CM-161 | 88-8* | Octal | .16 | .12 | .11 |
| CM-162 | 88-8X* | Locktal | .21 | .16 | .15 |
| CM-74 | 77-MIP-9 | 9 | .17 | .13 | .12 |
| CM-75 | 77-MIP-11 | 11 | .20 | .16 | .14 |
| CM-232 | 77-MIP-12 | 12 | .20 | .16 | .14 |
| CM-233 | 77-MIP-20 | 20 | .51 | .39 | .36 |

(B) AMPHENOL "RS" SOCKETS
Removable steel adapter plate with retainer ring allows replacement of most socket types. For mounting ctrs. from 1 1/2" to 1 7/8". Molded high dielectric bakelite. Mounts in 1 1/4" hole. Avg. shpg. wt., 5 oz.

| Stock No. | Mfg. No. | Prongs | 1-49 Each | 50-249 Each | 250-499 Each |
|-----------|----------|---------|-----------|-------------|--------------|
| CM-91 | 78-RS4 | 4 | .17 | .13 | .12 |
| CM-92 | 78-RS5 | 5 | .19 | .15 | .13 |
| CM-93 | 78-RS6 | 6 | .20 | .15 | .14 |
| CM-95 | 78-RS7S | 7 Small | .21 | .16 | .15 |
| CM-96 | 78-RS8 | Octal | .19 | .15 | .13 |
| CM-97 | 78-RS8L | Locktal | .26 | .20 | .18 |
| CM-98 | 78-RS9 | 9 | .22 | .17 | .15 |
| CM-99 | 78-RS11 | 11 | .24 | .18 | .17 |

(C) AMPHENOL "S" SOCKETS
For new work. Single hole mounting. 1 1/4" dia. Firmly held by tempered steel retainer ring. 9 and 11 prong sockets for Amphenol connectors. Molded high dielectric bakelite. † mounts in standard 1 1/4" socket hole. Has miniature socket in center. Avg. shpg. wt., 5 oz.

| Stock No. | Mfg. No. | Prong | 1-49 Each | 50-249 Each | 250-499 Each |
|-----------|----------|---------|-----------|-------------|--------------|
| CM-100 | 78-S4 | 4 | .12 | .10 | .09 |
| CM-101 | 78-S5 | 5 | .13 | .10 | .09 |
| CM-102 | 78-S6 | 6 | .15 | .12 | .11 |
| CM-104 | 78-S7S | 7 Small | .16 | .12 | .10 |
| CM-105 | 78-S8 | Octal | .15 | .11 | .10 |
| CM-106 | 78-S8L | Locktal | .21 | .16 | .15 |
| CM-107 | 78-S9 | 9 | .17 | .13 | .12 |
| CM-108 | 78-S11 | 11 | .19 | .15 | .13 |
| CM-79 | 78-A7P† | 7 | .33 | .24 | .23 |
| CM-80 | 78-A9P† | 9 | .32 | .24 | .23 |

AMPHENOL MINIATURE 7 & 9 PIN SOCKETS
Amphenol sockets for TV, FM, auto radios, etc. 147-series mounts on 3/8" chassis hole with 7/8" mtg. ctrs. 1/2" screw holes. 59-series mounts in 3/4" hole with 1 1/4" mtg. ctrs. .095" rivet holes.

* Steatite. † Black Bakelite. ‡ Mica-filled bakelite. Avg., 5 oz.

BOTTOM MOUNTING TYPE - FIG. (A)

| Stock No. | Mfg. No. | No. of Contacts | 1-49 Each | 50-249 Each | 250-499 Each |
|-----------|----------|-----------------|-----------|-------------|--------------|
| CM-220 | 147-500‡ | 7 | .20 | .16 | .14 |
| CM-229 | 147-505† | 7 | .21 | .16 | .14 |
| CM-57 | 56-409‡ | 9 | .25 | .20 | .18 |
| CM-58 | 59-410† | 9 | .25 | .19 | .17 |

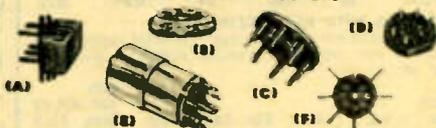
TOP MOUNTING TYPE - FIG. (B)

| Stock No. | Mfg. No. | No. of Contacts | 1-49 Each | 50-249 Each | 250-499 Each |
|-----------|----------|-----------------|-----------|-------------|--------------|
| CM-230 | 147-905‡ | 7 | .27 | .21 | .19 |
| CM-234 | 147-925† | 7 | .35 | .26 | .24 |
| CM-235 | 147-913‡ | 7 | .26 | .21 | .19 |
| CM-236 | 59-403‡ | 9 | .38 | .28 | .25 |
| CM-56 | 56-407† | 9 | .35 | .26 | .24 |
| CM-55 | 59-406‡ | 9 | .31 | .24 | .22 |

TUBE SHIELDS - FIG. (C)

| For 7-Contact Bases. | Stock No. | Mfg. No. | 1 1/2" | 1 1/4" | 1 1/8" |
|----------------------|-----------|----------|--------|--------|--------|
| | CM-10 | 5-401 | .15 | .11 | .10 |
| | CM-11 | 5-402 | .15 | .11 | .10 |
| For 9-Contact Bases. | CM-12 | 5-405 | .13 | .10 | .09 |
| CM-13 | 5-408 | .18 | .14 | .13 | |
| CM-14 | 5-409 | .22 | .17 | .16 | |

PRINTED CIRCUIT SOCKETS



TRANSISTOR SOCKET (A). 5 contact. For use 3 contact in line types. CK-722, 2N107, etc. 1 1/2" x 1 1/4" x 1/2". Net .29

MINIATURE TUBE SOCKET (B). General purpose phenolic socket. Rapid mount. Snap action contacts. MS-150 7 pin Net .11
MS-151 9 pin Net .15

WAFER SOCKET (C). For rapid assembly. Contacts snap into individual holes. MS-396 7 pin Net .08
MS-397 9 pin Net .10
MS-398 octal Net .18

MOLOED TYPE (D). Mounting tam for individual hole insertion. Tube inserts from either end of socket. MS-399 7 pin Net .13
MS-400 9 pin Net .17
MS-401 octal Net .21

SHIELDED TYPE (E). Water socket with collapsible metal tube shield. MS-402 7 pin Net .26
MS-403 9 pin Net .29

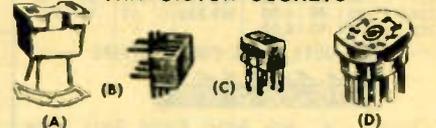
TOP MOUNTING TYPE (F). Molded—with tabs for top board mounting. MS-404 7 pin Net .10
MS-405 9 pin Net .12
MS-406 octal Net .14

UNIVERSAL TRANSISTOR SOCKET



Latest transistor socket takes transistors with 3 contacts in line, 3 contacts in triangle, 4 contacts in diamond shape (Tetrode). Made of mica filled phenolic. Contacts are beryllium copper, gold flashed over silver plate. Complete with mounting ring. MS-395 Shpg. wt., 5 oz. Net ea. .25
Net ea. in lots of 10 .22

SUBMINIATURE AND TRANSISTOR SOCKETS



Molded from mica-filled low loss bakelite. Silver plated beryllium copper contacts. *For printed circuits. Size is overall. Avg. shpg. wt., 4 oz.

| Stock No. | Fig. | Cont. | Size | 1-9 | 10-49 | 50-99 |
|-----------|------|-------|------------------------|-----|-------|-------|
| MS-275 | A | 3 | 1 1/2" x 1 1/4" x 1/2" | .15 | .13 | .10 |
| MS-253 | A | 5 | 1 1/2" x 1 1/4" x 1/2" | .19 | .17 | .11 |
| MS-252 | C | 5 | 1 1/4" x 1 1/4" x 1/2" | .28 | .25 | .19 |
| MS-149* | B | 5 | 1 1/4" x 1 1/4" x 1/2" | .29 | .26 | .20 |
| MS-254 | A | 6 | 1 1/2" x 1 1/4" x 1/2" | .20 | .18 | .15 |
| MS-255 | A | 7 | 1 1/2" x 1 1/4" x 1/2" | .24 | .20 | .15 |
| MS-256 | D | 8 | 1 1/2" x 1 1/4" x 1/2" | .29 | .26 | .21 |

NUVISTOR TUBE SOCKET



Subminiature for 5 contact nuvistor tubes. Low-loss phenolic with cadmium plated steel saddle, and cadmium plated copper alloy contacts. Shpg. wt., 1 oz. Net ea. .14

AMPHENOL MICROPHONE CONNECTORS



SERIES 75. PRESSURE TYPE — SINGLE CONTACT

Polished chrome plated brass fittings with 3/8"-27 thread.

| No. | Type | Fig. | Description | 1-24 | 25-99 | 100-249 |
|--------|------------|------|---|------|-------|---------|
| CM-63 | 75-MC1F | A | Female with coupling ring | .44 | .34 | .31 |
| CM-243 | 75-MC1M | B | Male. Fits above connector | .40 | .31 | .28 |
| CM-68 | 75-PC1M | C | Male, Non-shorting, chassis mount. Fits MC1F | .35 | .27 | .24 |
| CM-69 | 75-CL-PC1M | D | As above, except closed circuit | .50 | .39 | .35 |
| CM-64 | 75-MC1F-A | E | Angle type, female connector coupling ring. Use with PC1M, etc. | 1.23 | .95 | .86 |
| CM-66 | 75-MC1P | F | Adaptor. Connects MC1F to standard phone plug | .48 | .37 | .33 |
| CM-246 | 75-1 | A | Min. female with coupling ring | .46 | .35 | .32 |
| CM-247 | 75-2 | B | Min. male fits above connector | .28 | .22 | .20 |
| CM-248 | 75-3 | C | Min. locknut receptacle | .32 | .25 | .22 |

SERIES 80. SINGLE AND DOUBLE CONTACT TYPES

For concentric lines, shielded mike cables, etc. Center contacts are pin and socket type. *Single-contact type. †Double-contact type. Av. shpg. wt., 3 oz.

| No. | Type | Fig. | Description | 1-24 | 25-99 | 100-249 |
|--------|-----------|------|---------------------------|------|-------|---------|
| CM-115 | *80F | G | Female cable jack | .52 | .41 | .37 |
| CM-114 | *80C | H | Female chassis receptacle | .56 | .44 | .39 |
| CM-116 | *80M | I | Male cable plug | .60 | .47 | .42 |
| CM-117 | †80-MC2F | G | Female cable jack | .58 | .45 | .41 |
| CM-119 | †80-PC2F | H | Female chassis receptacle | .57 | .44 | .40 |
| CM-118 | †80-MC2M | I | Male cable plug | .64 | .50 | .45 |
| CM-249 | *80-F1 | J | Female cable plug | .62 | .47 | .42 |
| CM-250 | *80-M1 | G | Male cable jack | .49 | .37 | .34 |
| CM-251 | *80-C1 | H | Male receptacle | .57 | .43 | .39 |
| CM-252 | †80-MC2F1 | I | Female cable plug | .66 | .51 | .45 |
| CM-253 | †80-MC2M1 | G | Male cable jack | .50 | .38 | .34 |
| CM-254 | †80-PC2M | H | Male receptacle | .57 | .43 | .39 |

75-CCCL—Cap and chain, used for 75 and 80 series seals open chassis against dirt and dust.

CM-255 1-24 ea. .42 25-99 ea. .32 100-249 ea. .29

SERIES 91. 3- AND 4- CONTACT TYPES

Polarized microphone connectors for portable equipment. Strain-relieving clamps. *3-contact type. †4-contact type. Shpg. wt., 3 oz.

| No. | Type | Fig. | Description | 1-24 | 25-99 | 100-249 |
|--------|-----------|------|---------------------------|------|-------|---------|
| CM-163 | *91-MC3F | J | Female cable jack | .85 | .66 | .59 |
| CM-177 | *91-PC3F | K | Female chassis receptacle | .73 | .56 | .51 |
| CM-165 | *91-MC3M | L | Male cable plug | .88 | .68 | .62 |
| CM-164 | †91-MC4F | J | Female cable jack | .89 | .69 | .63 |
| CM-178 | †91-PC4F | K | Female chassis receptacle | .75 | .57 | .52 |
| CM-166 | †91-MC4M | L | Male cable plug | .90 | .70 | .63 |
| CM-256 | *91-MC3F1 | L | Female cable plug | .93 | .70 | .64 |
| CM-257 | *91-MC3M1 | J | Male cable jack | .80 | .61 | .54 |
| CM-258 | *91-PC3M | K | Male receptacle | .82 | .62 | .56 |
| CM-259 | †91-MC4F1 | L | Female cable plug | .97 | .73 | .67 |
| CM-260 | †91-MC4M1 | J | Male cable jack | .82 | .63 | .56 |
| CM-261 | †91-PC4M | K | Male receptacle | .82 | .62 | .56 |

"QWIK" SERIES 91. 3- AND 4- CONTACT TYPES

New design. Simply pushed together; released by thumb pressure on lock button while pulling outward. Polarized contacts. Nickel plated shells. *3-contact type. †4-contact type. Av. shpg. wt., 3 oz.

| No. | Type | Fig. | Description | 1-24 | 25-99 | 100-249 |
|--------|---------|------|---------------------------|------|-------|---------|
| CM-179 | *91-853 | M | Male cable plug | 1.35 | 1.05 | .96 |
| CM-180 | *91-854 | N | Female cable plug | 1.55 | 1.20 | 1.09 |
| CM-181 | *91-855 | O | Male chassis receptacle | 1.00 | .77 | .70 |
| CM-182 | *91-856 | P | Female chassis receptacle | 2.22 | 1.72 | 1.56 |
| CM-183 | †91-857 | M | Male cable plug | 1.43 | 1.11 | 1.00 |
| CM-184 | †91-858 | N | Female cable plug | 1.96 | 1.52 | 1.37 |
| CM-185 | †91-859 | O | Male chassis receptacle | 1.04 | .81 | .73 |
| CM-186 | †91-860 | P | Female chassis receptacle | 2.29 | 1.78 | 1.60 |

91-CCCL Cap and chain. Used for the 91 series, seals open chassis units against dirt and dust.

CM-262 1-24 ea. .39 25-99 ea. .30 100-249 ea. .27

CINCH JONES SERIES "300" PLUGS AND SOCKETS



Multiple contacts standard duty 10 amperes. 730 volts rms. Plug contacts 3/8"W x 3/8" thick. Black bakelite body, encased in black. Av. shpg. wt., 3 oz.

| AB TYPE CHASSIS PLUG (Fig. A) | | | | AB TYPE CHASSIS TYPE SOCKET (Fig. B) | | | | | | | |
|-------------------------------|----------|-------|------|--------------------------------------|--------|----------|----------|-------|------|-------|--------|
| Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up | Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up |
| CM-145 | P-302-AB | 2 | .20 | .17 | .132 | CM-171 | S-302-AB | 2 | .22 | .18 | .144 |
| CM-147 | P-303-AB | 3 | .25 | .21 | .164 | CM-195 | S-303-AB | 3 | .26 | .22 | .172 |
| CM-149 | P-304-AB | 4 | .27 | .23 | .180 | CM-196 | S-304-AB | 4 | .29 | .24 | .192 |
| CM-151 | P-306-AB | 6 | .34 | .28 | .224 | CM-197 | S-306-AB | 6 | .36 | .30 | .24 |
| CM-153 | P-308-AB | 8 | .40 | .33 | .264 | CM-198 | S-308-AB | 8 | .45 | .38 | .30 |
| CM-155 | P-310-AB | 10 | .45 | .38 | .30 | CM-199 | S-310-AB | 10 | .53 | .45 | .356 |
| CM-157 | P-312-AB | 12 | .50 | .42 | .332 | CM-200 | S-312-AB | 12 | .62 | .52 | .412 |
| CM-215 | P-315-AB | 15 | .66 | .55 | .44 | CM-201 | S-315-AB | 15 | .77 | .64 | .512 |
| CM-216 | P-318-AB | 18 | .82 | .69 | .548 | CM-202 | S-318-AB | 18 | .93 | .78 | .62 |
| CM-217 | P-321-AB | 21 | 1.03 | .86 | .688 | CM-203 | S-321-AB | 21 | 1.15 | .96 | .764 |
| CM-218 | P-324-AB | 24 | 1.25 | 1.04 | .832 | CM-204 | S-324-AB | 24 | 1.36 | 1.14 | .908 |
| CM-219 | P-327-AB | 27 | 1.47 | 1.23 | .98 | CM-205 | S-327-AB | 27 | 1.58 | 1.32 | 1.052 |
| CM-220 | P-330-AB | 30 | 1.69 | 1.41 | 1.124 | CM-206 | S-330-AB | 30 | 1.81 | 1.51 | 1.204 |
| CM-221 | P-333-AB | 33 | 1.90 | 1.58 | 1.264 | CM-207 | S-333-AB | 33 | 2.02 | 1.68 | 1.344 |

| CCT TYPE CABLE CLAMP PLUG (Fig. C) | | | | CCT TYPE CABLE CLAMP SOCKET (Fig. D) | | | | | | | |
|------------------------------------|-----------|-------|------|--------------------------------------|--------|----------|-----------|-------|------|-------|--------|
| Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up | Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up |
| CM-146 | P-302-CCT | 2 | .46 | .38 | .304 | CM-172 | S-302-CCT | 2 | .46 | .39 | .308 |
| CM-148 | P-303-CCT | 3 | .49 | .41 | .324 | CM-173 | S-303-CCT | 3 | .50 | .42 | .332 |
| CM-150 | P-304-CCT | 4 | .53 | .45 | .356 | CM-174 | S-304-CCT | 4 | .54 | .45 | .362 |
| CM-152 | P-306-CCT | 6 | .59 | .49 | .392 | CM-176 | S-306-CCT | 6 | .62 | .52 | .412 |
| CM-154 | P-308-CCT | 8 | .65 | .54 | .432 | CM-175 | S-308-CCT | 8 | .72 | .60 | .48 |
| CM-156 | P-310-CCT | 10 | .73 | .61 | .484 | CM-177 | S-310-CCT | 10 | .88 | .67 | .536 |
| CM-158 | P-312-CCT | 12 | .79 | .66 | .528 | CM-178 | S-312-CCT | 12 | .92 | .77 | .616 |
| CM-222 | P-315-CCT | 15 | 1.03 | .86 | .688 | CM-208 | S-315-CCT | 15 | 1.15 | .96 | .764 |
| CM-223 | P-318-CCT | 18 | 1.25 | 1.04 | .832 | CM-209 | S-318-CCT | 18 | 1.36 | 1.14 | .908 |
| CM-224 | P-321-CCT | 21 | 1.47 | 1.23 | .981 | CM-210 | S-321-CCT | 21 | 1.58 | 1.32 | 1.052 |
| CM-225 | P-324-CCT | 24 | 1.73 | 1.45 | 1.156 | CM-211 | S-324-CCT | 24 | 1.86 | 1.55 | 1.24 |
| CM-226 | P-327-CCT | 27 | 1.97 | 1.64 | 1.312 | CM-212 | S-327-CCT | 27 | 2.08 | 1.73 | 1.384 |
| CM-227 | P-330-CCT | 30 | 2.29 | 1.91 | 1.528 | CM-213 | S-330-CCT | 30 | 2.40 | 2.00 | 1.60 |
| CM-228 | P-333-CCT | 33 | 2.45 | 2.05 | 1.636 | CM-214 | S-333-CCT | 33 | 2.57 | 2.14 | 1.712 |

SERIES "400" PLUGS AND SOCKETS

Multiple Contact Heavy Duty Rated at 15 Amps. At 1100 volts rms. Have polarizing pins. Prongs are 1/4"W x 1/4" thick bakelite bodies. Av. shpg. wt., 5 oz.

| AB TYPE ANGLE BRACKET PLUG (Fig. E) | | | | AB TYPE ANGLE BRACKET SOCKETS (Fig. F) | | | | | | | |
|-------------------------------------|----------|-------|------|--|--------|----------|----------|-------|------|-------|--------|
| Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up | Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up |
| CM-159 | P-402-AB | 2 | .50 | .42 | .332 | CM-179 | S-402-AB | 2 | .56 | .47 | .376 |
| CM-161 | P-404-AB | 4 | .61 | .51 | .404 | CM-181 | S-404-AB | 4 | .73 | .61 | .488 |
| CM-163 | P-406-AB | 6 | .73 | .61 | .488 | CM-183 | S-406-AB | 6 | .89 | .74 | .592 |
| CM-165 | P-408-AB | 8 | .84 | .70 | .56 | CM-185 | S-408-AB | 8 | 1.05 | .88 | .70 |
| CM-167 | P-410-AB | 10 | .95 | .80 | .636 | CM-186 | S-410-AB | 10 | 1.23 | 1.03 | .82 |
| CM-169 | P-412-AB | 12 | 1.05 | .88 | .70 | CM-188 | S-412-AB | 12 | 1.39 | 1.16 | .924 |

| CCT TYPE CABLE CLAMP PLUG (Fig. C) | | | | CCT TYPE CABLE CLAMP SOCKET (Fig. D) | | | | | | | |
|------------------------------------|-----------|-------|------|--------------------------------------|--------|----------|-----------|-------|------|-------|--------|
| Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up | Stk. No. | Mfg. No. | Cont. | 1-49 | 50-99 | 100-up |
| CM-160 | P-402-CCT | 2 | .78 | .65 | .52 | CM-180 | S-402-CCT | 2 | .85 | .71 | .564 |
| CM-162 | P-404-CCT | 4 | .95 | .80 | .636 | CM-182 | S-404-CCT | 4 | 1.06 | .88 | .704 |
| CM-164 | P-406-CCT | 6 | 1.12 | .93 | .744 | CM-184 | S-406-CCT | 6 | 1.28 | 1.07 | .856 |
| CM-166 | P-408-CCT | 8 | 1.27 | 1.06 | .848 | CM-185 | S-408-CCT | 8 | 1.51 | 1.26 | 1.004 |
| CM-168 | P-410-CCT | 10 | 1.43 | 1.20 | .956 | CM-187 | S-410-CCT | 10 | 1.73 | 1.45 | 1.156 |
| CM-170 | P-412-CCT | 12 | 1.60 | 1.34 | 1.068 | CM-189 | S-412-CCT | 12 | 1.95 | 1.63 | 1.30 |

POPULAR MIKE CONNECTORS

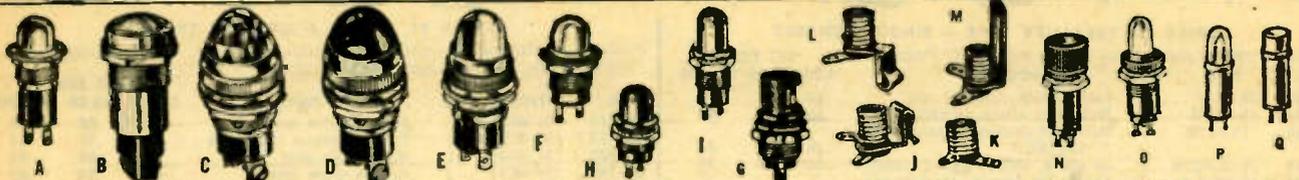


Standard single contact, cord mounted, nickel plated brass, knurl grips, 3/8"-27 thread. Shpg. wt., 3 oz.
MS-467 Female connector Fig. A Net .22
MS-468 Male connector Fig. B Net .16

AMPHENOL 83-SERIES RF CABLE CONNECTORS

| Stock No. | Mfr. No. | Fig. | Description | 1-9 | 10-49 |
|-----------|----------|------|--------------------------|------|-------|
| CM-135 | 83-1AC | B | Cap & Chain 90° adapter | .57 | .45 |
| CM-242 | 83-1AP | B | Cap & Chain Bulk adapter | 1.69 | 1.38 |
| CM-136 | 83-1BC | A | Bulk adapter | .73 | .60 |
| CM-137 | 83-1F | C | Hood | 1.98 | 1.62 |
| CM-138 | 83-1H | A | Hood | .26 | .22 |
| CM-139 | 83-1HP | A | Hood | .32 | .27 |
| CM-140 | 83-1J | B | St. adapter | 1.15 | .94 |
| CM-141 | 83-1R | C | Receptacle | .75 | .62 |
| CM-143 | 83-1SP | C | Plug | .74 | .60 |
| CM-142 | 83-1SPN | C | Plug | 1.00 | .81 |
| CM-144 | 83-1T | B | Tee adapter | 2.64 | 2.16 |
| CM-146 | 83-2R | D | Receptacle | 2.40 | 1.94 |
| CM-147 | 83-21SP | C | Plug | 3.53 | 2.88 |
| CM-148 | 83-22AP* | B | 90° adapter | 2.49 | 2.03 |
| CM-149 | 83-22F* | B | Bulk adapter | 2.91 | 2.37 |
| CM-150 | 83-22J* | B | St. adapter | 1.84 | 1.51 |
| CM-151 | 83-22R* | D | Receptacle | 1.00 | .81 |
| CM-152 | 83-22SP* | C | Plug | 1.22 | 1.00 |
| CM-153 | 83-22T* | B | Tee adapter | 3.97 | 3.24 |
| CM-121 | 83-58 | B | 90° adapter | 2.15 | 1.75 |
| CM-122 | 83-168 | B | Reducing adapter | .20 | .17 |
| CM-123 | 83-185 | B | Reducing adapter | .20 | .17 |
| CM-124 | 83-750 | C | Plug | 1.00 | .81 |
| CM-125 | 83-756 | C | Plug | 1.42 | 1.16 |
| CM-126 | 83-765 | A | Hood | .30 | .25 |
| CM-127 | 83-776 | A | Plug | 1.14 | .92 |
| CM-128 | 83-786 | A | Hood & Nut | .60 | .49 |
| CM-130 | 83-798 | A | Recpt. Teflon | 1.82 | 1.49 |
| CM-131 | 83-821* | C | Plug Teflon | 2.20 | |

DIALCO Pilot Light Assemblies & Sockets



NEON INDICATOR LIGHTS

(A) Series 95408 and 95408-M. Series 95408 has 56, 000-ohm 1/2 watt resistor built-in for NE-51 neon lamp on 105-125 volt AC-DC circuit. Series 95408-M has built-in resistor of 18,000 ohms for NE-15H night brightness neon lamp on 110-125V AC circuit. Rugged design. Plastic lens gives 180° light spread. Lens holder and mounting brushing black nickel plated! Meets MIL-L-3661 specs. UL and CSA listed, solder terminals. 2 1/4" L, 1 1/4" OD. Shpg. wt., 3 oz. Less lamp.

| Stock No. | Type | Stock No. | Type | Color | Net Ea. |
|-----------|------|-----------|------|-------|-----------|
| PB-142 | -931 | PB-250 | -931 | Red | 1.9 24 |
| PB-143 | -933 | PB-251 | -933 | Amber | 1.19 1.07 |
| PB-144 | -935 | PB-252 | -935 | White | |
| PB-145 | -937 | PB-253 | -937 | Clear | |

NEON JEWEL CAP ASSEMBLIES

(B) Series 31914. Enclosed assemblies for NE-45 candelabra screw base neon glow lamps, for 110-125 volt circuits. Replaceable from front of panel. Convex lens friction fitted in holder. Binding screw terminals. 2 1/2" long. 1" mtg hole. UL and CSA listed. Shpg. wt., 4 oz. Lamp included.

| Stock No. | Mfr's. Type | Jewel Color | Net Each |
|-----------|-------------|-------------|-----------|
| PB-132 | 111 | Red | 10-24 |
| PB-133 | 113 | Amber | 1.22 1.10 |
| PB-134 | 117 | Clear | |

OIL-TIGHT ASSEMBLIES

Enclosed rugged design with oilproof gaskets impervious to oil, water and dust for heavy duty industrial applications. Rugged binding screw terminals. Caps unscrew from face of panel. One-piece solid brass mounting bushing; solid brass knurled lens holder; chrome finish. Glass lens gives 180° light spread. 1 7/8" long, 1 3/4" OD. Mounts in 1" clearance hole. Av. shpg. wt., 3 oz. Lamp not included. 1" Mounting Hole Types Series 103-3101 for 6S6 screw base lamp. *Frosted-on-back lens.

| Stock No. (Faceted) | Mfr's. Type | Stock No. (Dome) | Mfr's. Type | Color | Net Each |
|---------------------|-------------|------------------|-------------|--------|-----------|
| PB-161 | 1331 | PB-155 | 1211* | Red | 1.9 10-24 |
| PB-162 | 1332 | PB-156 | 1212* | Green | |
| PB-163 | 1333 | PB-157 | 1213* | Amber | 1.94 1.74 |
| PB-164 | 1334 | PB-158 | 1214* | Blue | |
| PB-165 | 1335 | PB-154 | 1235* | White | |
| PB-166 | 1336 | PB-159 | 1216* | Yellow | |
| PB-167 | 1337 | PB-160 | 1217* | Clear | |

SERIES 103-3502 For 6S6 bayonet base lamps. *Frosted-on-back lens.

| Stock No. (Faceted) | Mfr's. Type | Stock No. (Dome) | Mfr's. Type | Color | Net Each |
|---------------------|-------------|------------------|-------------|--------|-----------|
| PB-180 | 1331 | PB-173 | 1211* | Red | 1.9 10-24 |
| PB-181 | 1332 | PB-174 | 1212* | Green | |
| PB-182 | 1333 | PB-175 | 1213* | Amber | 2.20 1.98 |
| PB-183 | 1334 | PB-176 | 1214* | Blue | |
| PB-184 | 1335 | PB-179 | 1235* | White | |
| PB-185 | 1336 | PB-177 | 1216* | Yellow | |
| PB-186 | 1337 | PB-178 | 1217* | Clear | |

(D) Series 103-3114. For Neon Glow Lamps. For NE-45 candelabra screw base lamps. Resistor built-into lamp base. 2 1/2" long, 1 3/4" OD. Fits 1" clearance hole. Lamp not included. Shpg. wt., 3 oz. With Dome type unfrosted lens. *Frosted back.

| Stock No. | Mfr's. Type | Color | Net Each |
|-----------|-------------|--------|-----------|
| PB-169 | 1231 | Red | 1.9 10-24 |
| PB-170 | 1233 | Amber | 2.20 1.98 |
| PB-171 | 1236 | Yellow | |
| PB-172 | 1237 | Clear | |
| PB-168 | 1217 | Clear* | |

1 1/16" MOUNTING HOLE TYPES

(E) Series 125-400. Pilot light assemblies with fluted or plain stopepne lenses. For NE-51 Neon Glow Lamp. With built-in resistor. Solder terminals. 2 1/4" L x 1 1/4" OD. Mounts in 1 1/4" hole. Less lamp. Shpg. wt., 2 oz.

| Stock No. (Fluted) | Mfr's. Type | Stock No. (Plain) | Mfr's. Type | Color | Net Each |
|--------------------|-------------|-------------------|-------------|--------|-----------|
| PB-197 | 1191 | PB-193 | 1131 | Red | 1.94 1.74 |
| PB-198 | 1193 | PB-194 | 1133 | Amber | |
| PB-199 | 1196 | PB-195 | 1136 | Yellow | |
| PB-200 | 1197 | PB-196 | 1137 | Clear | |

SUBMINIATURE SERIES

2 Terminal — Plastic Dome Types
For use with T-1 3/4 bulbs for 1.3-28 Volts. Bulb replaceable from front of panel. Military grade phenolic assures permanent isolation from ground. Fully insulated. Black nickel finish. Lockwasher and nut supplied. Less lamp. 1 3/8" long; 3/4" OD. Shpg. wt., 2 oz.

| Stock No. (Front) | Stock No. (Back) | Mfr's. Type | Color | Net Each |
|-------------------|------------------|-------------|-------|-----------|
| PB-150 | PB-146 | 971 | Red | 1.24 1.12 |
| PB-151 | PB-147 | 972 | Green | |
| PB-152 | PB-148 | 973 | Amber | |
| PB-153 | PB-149 | 975 | White | |

(F) TRANSPARENT Series 101-5030. Same as Series 101-5030 above except in transparent colors. Plastic dome for 180° visibility. Front mounting.

| Stock No. | Mfr's. Type | Color | Net Each |
|-----------|-------------|-------|-----------|
| PB-254 | 931 | Red | 1.9 10-24 |
| PB-255 | 932 | Green | 1.24 1.12 |
| PB-256 | 935 | White | |

INCANDESCENT SUBMINIATURE

MS 25256

(G) Series 162-8430. Incandescent type. Front mount, in 1/2" hole. Use T-1 3/4 Incandescent Bulbs. Fully insulated Size: 1 1/2" x 3/4". Shpg. wt., 1 1/2 oz. Less lamp. Meets MIL Specs MIL-L-6723.

| Stock No. | Mfr's. Type | MS Dwg. No. | Color | Net Each |
|-----------|-------------|-------------|--------|-----------|
| PB-297 | 931 | MS25256-6 | Red | 1.19 1.07 |
| PB-298 | 932 | MS25256-4 | Green | |
| PB-299 | 933 | MS25256-2 | Yellow | |
| PB-260 | 934 | MS25256-12 | Blue | |
| PB-261 | 937 | MS25256-8 | Clear | |
| PB-262 | 975 | MS25256-10 | White | |

(H) Series 137-8836 NEON SUBMINIATURE MS-25257. Front mount, in 1/2" hole. Patented built-in resistor; use T-2 Neon Glow Lamp (NE-2D); for 105-125V AC or DC. Less Lamp. 1 1/2 x 3/4". Shpg. wt., 1 1/2 oz.

| Stock No. | Mfr's. Type | MS Dwg. No. | Color | Net Each |
|-----------|-------------|-------------|--------|-----------|
| PB-263 | 931 | MS25257-4 | Red | 1.9 10-24 |
| PB-264 | 933 | MS25257-2 | Yellow | |
| PB-265 | 937 | MS25257-6 | Clear | |

1 TERMINAL LIGHTSHIELD UNITS

(J) Two types of terminals. For grounded circuits. Meet MIL-L-7806-A specs. 1/4 x 3/4" opening on side of assembly emits light on panels. For dials, instrument panels, etc. 1 1/2" x 3/4" O.D.; Mounts in 1/2" hole. Shpg. wt., 1 1/2 oz. Does not include lamp. Net ea.

| | | |
|--------|-----------------------------------|-----------|
| PB-266 | Type No. 4-1830 (Screw Terminal) | 1.9 10-24 |
| PB-267 | Type No. 4-1930 (Solder terminal) | 1.59 1.43 |

PILOT LIGHT SOCKETS

Cadmium plated brackets with tinned brass lugs. Bayonet type with coil spring construction for positive contact. For miniature screw, bayonet, and candelabra base. Av. shpg. wt., 2 oz.

| Stock No. | Mfr's. Type | Fig. | Net |
|-----------|-------------|------|---------|
| PB-82 | 501 | J | 1.49 |
| PB-85 | 507 | K | .12 .10 |
| PB-83 | 504 | L | |
| PB-84 | 505 | M | |

| Stock No. | Mfr's. Type | Fig. | Net |
|-----------|-------------|------|---------|
| PB-96 | 701 | J | .12 .10 |
| PB-99 | 707 | K | |
| PB-97 | 704 | L | |
| PB-98 | 705 | M | |

| Stock No. | Mfr's. Type | Fig. | Net |
|-----------|-------------|------|---------|
| PB-89 | 601 | J | .12 .10 |
| PB-92 | 607 | K | |
| PB-90 | 604 | L | |
| PB-91 | 605 | M | |

DATALITEST.M.

Ultra-Miniature Indicator lights for Computers, Data Processing Equipment, Automation, etc. With replaceable lamp cartridges or with built-in neon lamps which are not replaceable.

(N) SINGLE LAMP HOLDER No. 7538. Used with Dialco lamp cartridges, removable from front. 1 1/4" L x 1/2" O.D., less cartridge: Mounts in 3/8" hole. Two insulated terminals offset for correct DC polarity. Conforms to MIL Specs. Less cartridge. Shpg. wt., 2 oz.

PB-243 No. 7538 holder 1-99 Net 1.22

(N) No. 7545 SINGLE LAMP HOLDER. Similar to 7538, but 3/8" longer for 45 and 45H high brightness neon cartridges.

PB-268 No. 7545 holder 1-199 Net 1.22

NEON LAMP CARTRIDGES

(P) Series 38 Neon Glow Lamp Cartridges. For use with No. 7538 Lamp Holder. Consists of NE-2E neon bulb mounted in aluminum sleeve, capped with plastic stopepne lens. 1/25 watt; starting voltage 65 VAC or 90V DC.

1/2 watt external ballast resistor. 1 1/4" L x 3/4" O.D. Shpg. wt., 1 oz. Transparent lens.

(P) Series 45† and 45H*. Neon Glow Cartridges. Similar to No. 38 but 3/4" longer. Series 45† has built-in 56, 000-ohm resistor. 45H* is the High Brightness Type with 18,000 ohm built-in resistor. Series 45† is for 105-125V AC/DC; Series 45H* 110-125V AC. Shpg. wt., 1 oz.

| Stopepne Stock No. | Long Cylindrical Lens No. Type | Color | NET EACH |
|--------------------|--------------------------------|-------------|----------|
| PB-66 | 931 PB-269 | 1531 Red | 1.99 |
| PB-67 | 933 PB-270 | 1533 Yellow | |
| PB-68 | 935 PB-271 | 1535 White | |
| PB-69 | 937 PB-272 | 1537 Clear | .86 |

| Stopepne Stock No. | Long Cylindrical Lens No. Type | Color | NET EACH |
|--------------------|--------------------------------|--------------|----------|
| PB-273 | 931† PB-281 | 1531† Red | 1.99 |
| PB-274 | 933† PB-282 | 1533† Amber | |
| PB-275 | 936† PB-283 | 1536† Yellow | 1.14 |
| PB-276 | 937† PB-284 | 1537† Clear | |
| PB-277 | 931† PB-285 | 1531† Red | |
| PB-278 | 933† PB-286 | 1533† Amber | |
| PB-279 | 936† PB-287 | 1536† Yellow | |
| PB-280 | 937† PB-288 | 1537† Clear | |

(Q) Series 39-6 Incandescent Lamp Cartridges. Uses T-1 3/4 incandescent bulb mounted in aluminum sleeve and capped with short cylindrical lens. For 6 volt; 2 amp. 1 1/4" L x 3/4" O.D. Shpg. wt., 1 oz. Lens is translucent.

| Stopepne Stock No. | Short Cylindrical Lens No. Type | Color | NET EACH |
|--------------------|---------------------------------|-------------|----------|
| PB-289 | 971 PB-70 | 1471 Red | 1.17 |
| PB-290 | 972 PB-71 | 1472 Green | |
| PB-291 | 973 PB-72 | 1473 Yellow | |
| PB-292 | 974 PB-73 | 1474 Blue | |
| PB-293 | 975 PB-74 | 1475 White | |

PERMANENT "DATALITES"™.M.

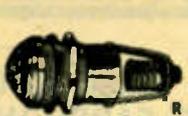
(O) Datalites with Built-in, not replaceable NE-2E Neon Glow Lamps. Require ballast resistor. Lightweight aluminum design; plastic stopepne lens. Has 2 insulated terminals. Conform to MIL Specs. Mounts in 3/8" hole. SERIES 249-7840 — WITHOUT BUILT-IN RESISTOR 1 1/4" L x 1/2" O.D. 1 1/2 oz. Shpg. wt.

| Stock No. | Type | Lens Color | NET EACH |
|-----------|------|------------|----------|
| PB-215 | 931 | Red | 1.07 |
| PB-216 | 933 | Yellow | |
| PB-217 | 935 | White | |
| PB-218 | 937 | Clear | |

SERIES 249-7841. With built-in 100K-ohms resistor. 1 1/4" L x 1/2" O.D. Shpg. wt., 2 oz.

| Stock No. | Type | Lens Color | NET EACH |
|-----------|------|------------|----------|
| PB-219 | 931 | Red | 1.34 |
| PB-220 | 933 | Yellow | |
| PB-221 | 935 | White | |
| PB-222 | 937 | Clear | |

PILOT LIGHT ASSEMBLIES - PILOT LIGHTS - NEON BULBS



LAFAYETTE SPECIAL NEON ASSEMBLY



DIALCO ONE-INCH SERIES 75C DETACHABLE LAMP SOCKETS (Fig. R)
For candelabra base, 115 volt pilot light assembly with faceted jewel. 1" hole mounting. Easy adjustment for panel thickness. Less bulb. Shpg. wt., 5 oz.

PB-75 Dialco 75C431 Red
PB-76 Dialco 75C432 Green
PB-77 Dialco 75C433 Amber

Any of above Net each .70
Lots of 10, ea. .63

Replacement Jewel Cap for 75C Series. Specify color.
PB-62 Dialco 31-43 Net each .35

DIALCO SERIES 810 1/2" REMOVABLE JEWEL
For L-V miniature bayonet (810B Series) and screw base (810M series) lamps. 1/4" mtg. hole. Insulated brackets. Easy replacement of lamps. Shpg. wt., 2 oz.

| Stock No. | Mfr. No. | Color |
|-----------|----------|-------|
| PB-103 | -431 | Red |
| PB-104 | -432 | Green |
| PB-105 | -433 | Amber |

Any of above Net each .39
Lots of 10, ea. .29

PERFECT ON-OFF INDICATOR

- CAN BE USED IN HI-FI EQUIPMENT, TV, AROUND THE HAM SHACK, INDUSTRIAL EQUIPMENT—ANYWHERE
- MOUNTS IN AN INSTANT
- OPERATES ON 80-160 VOLTS

Pilot light mounts through any 1/2" hole quickly and simply. Electrical installation is easy and non-technical. Jiffi-Lite comes complete with two 4 1/2" insulated leads, speed-nut mount and is housed in durable plastic case. Shpg. wt., 4 ozs.

MS-695 Red Net .46
MS-696 Amber Net .46

For operation on 110 volts AC. Requires 100K resistor in series. When used with 220 v, use 250k resistor in series. AC starting voltage 60v. Servicing life, 5000 to 10,000 operating hours. Available in 3 colors, red, yellow and amber; specified when ordering. Shpg. wt., 2 oz. Imported

MS-478 Net .39
In lots of 10 .35

DIALCO LENSES IN THREADED HOLDERS (Fig. BB)
To panel mount with separate lamp sockets. Up to 3/8" panels. 3/4", 1/2" and 1/8" diameters respectively. Shpg. wt., 2 oz.

| RED | GREEN | AMBER | Net |
|----------------|-----------|-----------|------|
| Size Stock No. | Stock No. | Stock No. | Each |
| 3/8" PB-128 | PB-129 | PB-130 | .39 |
| 1/2" PB-125 | PB-126 | PB-127 | .14 |
| 1/8" PB-122 | PB-123 | PB-124 | .20 |

DIALCO SERIES 510-610-710 ANGLE BRACKET ASSEMBLY

Space saver. LV operation of incandescent bulbs. Solder terminals. 1/4" mtg. hole. Less bulb. Series 510 for miniature screw base, 610 for candelabra base, and 710 for miniature bayonet base. Shpg. wt., 2 oz.

| 510 | 610 | 710 |
|-----------|-----------|-----------|
| Stock No. | Stock No. | Stock No. |
| PB-86 | PB-93 | PB-100 |
| PB-87 | PB-94 | PB-101 |
| PB-88 | PB-95 | PB-102 |

Any of above Net each .21
Lots of 10, ea. .19

E.F. JOHNSON PANEL LIGHT

For front-of-panel illumination. Polished nickel-plated hood is easily removable for lamp replacement; can be rotated to any position. Fits 1/2" mounting hole. Two models, for 1 3/4" or G3 1/2" bulbs. Shpg. wt., 2 oz.

PB-20 No. 147-329—Miniature bayonet base. Net Each .89
PB-21 No. 147-330—Miniature screw base. Net Each .80

DRAKE NEON INDICATOR LIGHTS

Type 105 postlite. Molded neon panel light for AC or DC with built-in resistor. 1/2" mtg. hole. With mtg. nut. 2 1/2" long.

PB-10 Each .63 Lots of 10, Each .57

Type 110 Flushlite Translucent unit with built-in neon lamp and resistor. For 110-125 v AC-DC. 1/2 x 1 7/8 x 3/4" with 1 1/2" mtg. centers. UL approved. 2 oz.

PB-11 Each .44 10, Each .40

PILOT BULB REMOVER

For fast and simple removal and installation of miniature and candelabra lamps. Facilitates mass production, indispensable for hard-to-reach places. Will not damage lamps. Made of high-grade rubber. Shpg. wt., 2 oz.

PB-241 Dialco NL73 Net .26

DASH LAMP ASSEMBLY

For dashboard, panel, etc. mounting. Simple contact miniature bayonet socket. Mounts in 3/8" hole. With 12" lead, nut and washer. Easy installation. Less lamp and switch. Shpg. wt., 2 oz.

Accepts No. 51 or 55 bulb. Net .64
MS-314

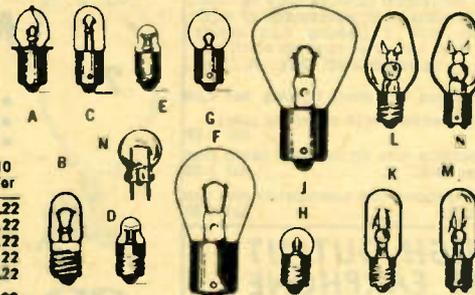
SPECIAL SALE! 10 for 45c
#47 PILOT LAMPS

Most often used pilot light. Replaces pilot in most electronic entertainment equipment. Shpg. wt., 5 oz. Imported

MS-783 .pkg. of 10 .45
10 pkgs. 4.00

GENERAL ELECTRIC PILOT LAMPS — FLASHLIGHT BULBS — NEON LAMPS

For radio and T.V. pilot lights, panels, flashlights, toys, appliances, coin machines, etc. Base code: 1—single contact flanged, 2—screw, 3—bayonet, 4—special 5—single contact midget, 6—single contact bayonet, 7—double contact bayonet, 8—midget screw, 9—miniature bayonet, 10—two pin. Under AMPSP, CP means candlepower. Shpg. wt., box 10 is 4 oz. 1 lamp - 2 oz.



| Stock No. | GE No. | Volt | AMP | Fig. | Base | Net Ea. | 10 For |
|-----------|--------|-------|--------|------|------|---------|--------|
| PL-10 | PR-2 | 2.4 | 0.50 | A | 1 | .13 | 1.22 |
| PL-11 | PR-3 | 3.6 | 0.50 | A | 1 | .13 | 1.22 |
| PL-12 | PR-4 | 2.3 | 0.27 | A | 1 | .13 | 1.22 |
| PL-13 | PR-6 | 2.5 | 0.30 | A | 1 | .13 | 1.22 |
| PL-14 | PR-12 | 5.95 | 0.50 | A | 1 | .13 | 1.22 |
| PL-15 | PR-13 | 4.75 | 0.50 | A | 1 | .13 | 1.22 |
| PL-91 | 12 | 6.3 | 0.15 | N | 10 | .16 | 1.53 |
| PL-32 | 13 | 3.7 | 0.30 | H | 2 | .11 | 1.04 |
| PL-33 | 14 | 2.5 | 0.30 | H | 2 | .11 | 1.04 |
| PL-34 | 27 | 4.9 | 0.30 | H | 2 | .11 | 1.04 |
| PL-64 | 31 | 6.2 | 0.30 | H | 2 | .13 | 1.22 |
| PL-35 | 40 | 6.8 | 0.15 | B | 2 | .10 | .92 |
| PL-36 | 41 | 2.5 | 0.50 | B | 2 | .10 | .92 |
| PL-37 | 42 | 3.2 | 0.35 | B | 2 | .13 | 1.22 |
| PL-38 | 43 | 2.5 | 0.50 | C | 3 | .10 | .92 |
| PL-39 | 44 | 6-8 | 0.25 | C | 3 | .10 | .92 |
| PL-40 | 45 | 3.2 | 0.35 | C | 3 | .10 | .92 |
| PL-41 | 46 | 6-8 | 0.25 | B | 2 | .10 | .92 |
| PL-42 | 47 | 6-8 | 0.15 | C | 3 | .10 | .92 |
| PL-43 | 48 | 2.0 | 0.06 | B | 2 | .10 | .92 |
| PL-44 | 49 | 2.0 | 0.06 | C | 3 | .10 | .92 |
| PL-45 | 50 | 6-8 | 1 C.P. | H | 2 | .10 | .92 |
| PL-46 | 51 | 6-8 | 1 C.P. | J | 3 | .10 | .92 |
| PL-47 | 53 | 14.4 | 0.12 | J | 3 | .10 | .92 |
| PL-48 | 55 | 6-8 | 2 C.P. | J | 3 | .10 | .92 |
| PL-65 | 57 | 12-16 | 2 C.P. | J | 3 | .10 | .92 |
| PL-66 | 63 | 6-8 | 3 C.P. | J | 6 | .13 | 1.22 |
| PL-67 | 81 | 6-8 | 6 C.P. | J | 6 | .16 | 1.53 |
| PL-68 | 82 | 6-8 | 6 C.P. | J | 7 | .16 | 1.53 |
| PL-49 | 112 | 1.2 | 0.22 | D | 2 | .11 | 1.04 |
| PL-50 | 123 | 1.25 | -0.30 | H | 2 | .11 | 1.04 |
| PL-69 | 136 | 1.3 | 0.60 | H | 2 | .11 | 1.04 |
| PL-51 | 222 | 2.2 | 0.25 | D | 2 | .11 | 1.04 |
| PL-70 | 223 | 2.2 | 0.25 | - | 2 | .11 | 1.04 |
| PL-52 | 224 | 2.15 | 0.22 | E | 4 | .11 | 1.04 |
| PL-53 | 233 | 2.2 | 0.27 | H | 2 | .11 | 1.04 |

| Stock No. | GE No. | Volt | AMP | Fig. | Base | Net Ea. | 10 For |
|-----------|--------|-------|---------|------|------|---------|--------|
| PL-71 | 248 | 2.5 | 0.80 | H | 2 | .13 | 1.22 |
| PL-56 | 313 | 28 | 0.17 | C | 3 | .23 | 2.14 |
| PL-57 | 327 | 28 | 0.04 | - | 5 | .59 | 5.50 |
| PL-58 | 328 | 6 | 0.20 | H | 8 | .46 | 4.28 |
| PL-92 | 352 | 2.0 | 0.06 | H | 8 | .20 | 1.83 |
| PL-93 | 406 | 2.6 | 0.30 | H | 8 | .13 | 1.22 |
| PL-72 | 425 | 5 | 0.50 | H | 2 | .11 | 1.04 |
| PL-73 | 428 | 12.5 | 0.25 | H | 2 | .11 | 1.04 |
| PL-74 | 432 | 18 | 0.25 | H | 2 | .13 | 1.22 |
| PL-75 | 433 | 18 | 0.25 | J | 3 | .13 | 1.22 |
| PL-59 | 502 | 5.1 | 0.15 | H | 2 | .11 | 1.04 |
| PL-76 | 605 | 6.1 | 0.50 | H | 2 | .11 | 1.04 |
| PL-77 | 1129 | 6-8 | 21 C.P. | F | 6 | .23 | 2.14 |
| PL-78 | 1133 | 6-8 | 32 C.P. | G | 6 | .26 | 2.44 |
| PL-79 | 1446 | 12 | 0.20 | H | 2 | .13 | 1.22 |
| PL-80 | 1447 | 18 | 0.15 | H | 2 | .13 | 1.22 |
| PL-81 | 1449 | 14 | 0.20 | H | 2 | .10 | .92 |
| PL-60 | 1458 | 20 | 0.25 | J | 3 | .13 | 1.22 |
| PL-82 | 1477 | 24 | 0.17 | B | 2 | .26 | 2.44 |
| PL-83 | 1487 | 12-16 | 0.20 | B | 2 | .13 | 1.22 |
| PL-84 | 1488 | 14 | 0.15 | C | 3 | .13 | 1.22 |
| PL-85 | 1490 | 3.2 | 0.16 | C | 3 | .11 | 1.04 |
| PL-86 | 1493 | 6.5 | 2.75 | F | 7 | .69 | 6.42 |
| PL-87 | 1768 | 6 | 0.20 | B | 8 | .49 | 4.58 |
| PL-61 | 1815 | 12-16 | 0.20 | C | 3 | .13 | 1.22 |
| PL-88 | 1820 | 28 | 0.10 | C | 3 | .26 | 2.44 |
| PL-89 | 1829 | 28 | 0.07 | C | 3 | .23 | 2.14 |
| PL-90 | 1847 | 6.3 | 0.15 | C | 3 | .13 | 1.22 |
| PL-62 | 1891 | 12 | 0.24 | C | 9 | .11 | 1.04 |

AC-DC PILOT LAMPS

Rated at 105-125v. 1500 hours average use. Base types: A—Candelabra Screw; B—Double contact Bayonet Candelabra. All clear except * is white. Shpg. wt., 3 oz. each.

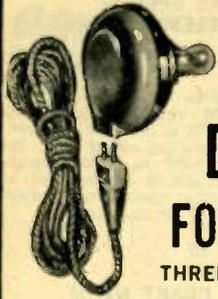
| Stock No. | Type | Fig | Watts | Base | Ea. | 10 Ea. |
|-----------|---------|-----|-------|------|-----|--------|
| PL-25 | 3S6 | K | 3 | A | .35 | .31 |
| PL-26 | 6S6 | K | 6 | A | .20 | .18 |
| PL-27 | 6S60C | M | 6 | B | .28 | .25 |
| PL-28 | 7C7/C | L | 7 | A | .20 | .18 |
| PL-29 | 7C7/W* | L | 7 | A | .20 | .18 |
| PL-30 | 10C7DC | N | 10 | B | .26 | .23 |
| PL-31 | T-4 1/2 | B | 4 | A | .39 | .35 |

NEON GLOW LAMPS

For 105-125 v AC operation except * for 210-250v AC. Screw types have resistor in base for 105-125 v others require external resistor. AC starting voltage shown: 0C starting voltage 40% higher. Shpg. wt., 2 oz.

| Stock No. | Type | Watts | Start Volt | Base Type | 10-Up Each |
|-----------|--------|-------|------------------------|-----------|------------|
| PL-121 | NE-2 | 1/25 | 65 Wire Term. | | .10 .06 |
| PL-122 | NE-2E | 1/10 | 65 Wire Term. | | .10 .08 |
| PL-123 | NE-2H | 1/4 | — Wire Term. | | .12 .10 |
| PL-124 | NE-7 | 1/4 | 55 Wire Term. | | .72 .56 |
| PL-125 | NE-17 | 1/4 | 55 D.C. Bay. Cand. | | .88 .71 |
| PL-126 | NE-21 | 1/4 | 55 S.C. Bay. Cand. | | .93 .71 |
| PL-127 | NE-30 | 1 | 60 Edison | | 1.18 .93 |
| PL-128 | NE-31 | 1 | 60 D.C. Cand. Screw | | 2.92 2.62 |
| PL-129 | NE-32 | 1 | 60 SK. Bay. Cand. | | 1.18 .93 |
| PL-130 | NE-34 | 2 | 60 Edison | | 1.01 1.43 |
| PL-131 | NE-36 | 2 | 60 SK. D.C. Bay. Cand. | | 2.35 1.89 |
| PL-132 | NE-40 | 3 | 60 Edison | | 2.65 2.10 |
| PL-133 | NE-42 | 3 | 60 SK. D.C. Bay. Cand. | | 2.60 2.04 |
| PL-134 | NE-45 | 1/4 | 65 Cand. Screw | | .83 .66 |
| PL-135 | NE-48 | 1/4 | 65 D.C. Bay Cand. | | .69 .54 |
| PL-136 | NE-51 | 1/25 | 65 S.C. Bay. Min | | .23 .17 |
| PL-137 | NE-51H | 1/4 | — S.C. Bay. Min | | .23 .19 |
| PL-138 | NE-56* | 1 | 60 Edison | | 1.22 .98 |
| PL-139 | NE-57 | 1/4 | 55 Cand. Screw | | .97 .76 |
| PL-140 | NE-58* | 1/2 | 65 Cand. Screw | | .93 .71 |

MINIATURE EARPHONES AND ACCESSORIES



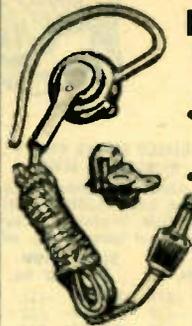
NEW! SUPER POWER DYNAMIC EARPHONE FOR TRANSISTOR CIRCUITS

THREE TIMES THE OUTPUT OF OTHER EARPHONES

This super-power dynamic earphone is not to be confused with run-of-the mill earphones. Extra efficient construction and a powerful magnet provides up to three times the volume of other dynamic earphones. Lafayette brings you this ideal solution to the problem of low output inherent in transistor circuits. You'll be amazed at the difference in volume when you use this dynamic earphone, as well as at its quality of reproduction. We have tested this item on all kinds of transistorized circuits, and this remarkably efficient earphone functioned so well that in many cases the program was distinctly heard with the earphone over 2 feet away from the ear! It is of course, not limited in use to low powered devices. It will give superior performance wherever a high impedance dynamic earphone is required. AC impedance 7000 ohms, DC resistance 1500 ohms. Snap on earpiece readily removed for cleaning. Complete with 3 ft. detachable plug-in cord. Shpg. wt., 4 oz. Imported

MS-260

Net 2.95



ECONOMY ALL-PURPOSE DYNAMIC EARPHONE

- For Transistor and Subminiature Receivers
- For Silent Radio and TV Listening

Only

.79

A sensitive all-purpose earphone designed with both your listening pleasure and pocketbook in mind. Extensive range and excellent tone combine, to provide excellent reproduction. Lightweight, equipped with a practically invisible ear support, that slips comfortably over either ear, from which the earphone can't slip out or fall. Ideal for use with TV and radio sets, amplifiers, miniature and transistor receivers, etc. Attractive unit with shiny chrome finish. Complete with a 3 ft. cord. A super value at this price. Shpg. wt., 5 oz. Imported

6 ohm impedance, with subminiature phone plug. MS-591 Net .79

Argonne

DYNAMIC EARPHONE

1.09

- NEW PATENTED FEATURES
- DETACHABLE PLUG-IN CORD
- FLEXIBLE PLASTIC SUPPORT
- TRANSPARENT CASE AND CORD
- EXCELLENT SOUND REPRODUCTION

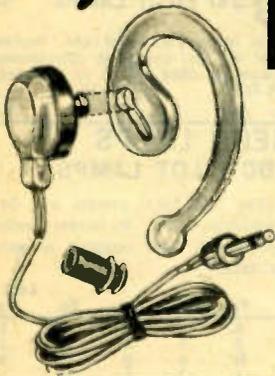
Here is a sensitive dynamic earphone of exceptionally fine quality. This lightweight miniature earphone is convenient and comfortable to wear. A flexible polyethylene support holds the receiver securely in place for either ear. The practically invisible transparent cord is connected to the transparent cased earpiece by means of a special plug. Provides clear reproduction of music as well as speech—with a pleasing tone quality. Complete with 3 ft. cord. A superior earphone which must be seen and heard to be appreciated! Shpg. wt., 5 oz. Imported

AR-51—6 Ohm Impedance with phone tip plug. Net 1.09

AR-50—3000 Ohm Impedance with phone tip plugs' Net 1.19

AR-47—6 Ohm Impedance with subminiature phone plug and matching phone jack Net 1.29

AR-46—3000 Ohm Impedance with subminiature plug and matching phone jacks Net 1.39



EXTENSION CABLE WITH MINIATURE PHONE PLUG & ADAPTER

.39

Perfect for extending earphone from transistor and portable radios. Extension up to 10 feet. Complete with miniature phone plug and adapter. Cable comes in attractive light pink color. Shpg. wt., 2 oz. Imported

MS-590

Net .39

NEW! DYNAMIC Stereophonic HEADPHONES

- TRUE BINAURAL REPRODUCTION
- FREQUENCY RESPONSE 40-16,000 CPS
- MATCHED MAGNETIC AND CRYSTAL TRANSDUCERS
- EXCEPTIONALLY LIGHTWEIGHT
- 5 TYPES — MONAURAL AND BINAURAL

Take your choice of five stethoscope type headsets. Binaural or Monaural! High impedance or low impedance! Magnetic or crystal! Only Lafayette offers a complete selection. Binaural units are equipped with two separate and individual transducers and cord sets for true dual channel reproduction. Long the most widely accepted means of stereophonic listening. Both monaural and binaural units are extremely sensitive to insure the desired response. Sound is carried through crystal clear plastic tubes tipped with removable, plastic earpieces. Ingenious hinge device permits adjustment to any desired spacing. Less than 2 ozs. total weight for the utmost in listening comfort. Binaural sets may be used for monaural listening. Shpg. wt., 6 ozs. Imported

BINAURAL HEADPHONES

MS-431 Binaural-Magnetic-6 ohms impedance 2.35

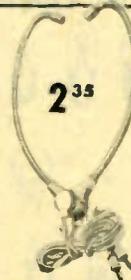
MS-432 Binaural-Magnetic-5000 ohms impedance 2.45

MS-433 Binaural-Crystal-100,000 ohms impedance 1.95

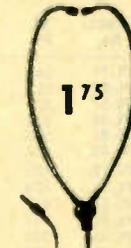
MONAURAL-MAGNETIC HEADPHONES

MS-429 Monaural-Magnetic-6 ohms impedance 1.75

MS-430 Monaural-Magnetic-5000 ohms impedance 1.95



2.35



1.75

NEW! HIGH OUTPUT CRYSTAL EARPHONE

With Interchangeable Earpiece

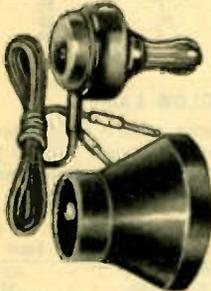
And Mouthpiece for Use As Crystal Mike!

High output crystal earphone with sanitary plastic ear-insert and 5½' flesh-colored flexible cord and phone plug. Also makes an excellent crystal microphone—simply unscrew earpiece, screw on mouthpiece. Makes a highly sensitive high impedance mike with outstanding speech intelligibility. Recommended for all applications where a high impedance unit is required. Avg. shpg. wt., 8 oz. Imported

Crystal Earphone complete with phone tips and mouthpiece.

MS-439 Net 1.09

MS-111 Crystal Earphone with phone tips Net .89



NEW! "WHISPER" BONE-CONDUCTION PILLOW SPEAKER

Unusual New "Sonic Transducer" Cannot Be Heard At A Distance!

SOUND IS ACTUALLY CONDUCTED THROUGH YOUR PILLOW AND BONE TO THE INNER EAR. Not just another "pillow speaker", this patented new device produces sound vibrations which are heard best when conducted to the inner ear by a solid pathway, rather than air. No danger of disturbing others—even husband or wife asleep in the same bed! 2½" diameter round ivory plastic case, only ¾" thick for comfortable placement under pillow. Square metal "transducer" surfaces chrome plated with mirror-like finish for cleanliness and pleasing appearance. Connecting cable has light ivory insulation to be almost unnoticeable; 6' long and terminates in a miniature phone plug. Incorporates 3.2-4 ohm voice coil drive; supplied complete with jack and may be connected across any 3-4 ohm speaker voice coil or across any 3-4 ohm output transformer secondary in place of the speaker. Jack permits easy plugging into or removing from radio or phonograph or TV set. Excellent tone quality. Shpg. wt., ½ lb. Imported

F-328 "Whisper" Pillow Speaker

Net 2.25



2.25

NEW! CRYSTAL HEADSET

This new lightweight, under-the-chin crystal headset provides the utmost in listening comfort wherever a headset is used. This unit is characterized by a high sensitivity and is ideal for all applications where a very high impedance unit is required. This headset offers fine reproduction and comfortable listening in a lightweight design. Complete with 3 ft. cord and standard phone tips. Shpg. wt., 5 oz.

MS-369 Imported

Net 1.39

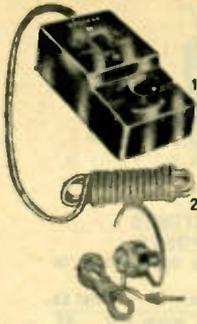


1.39

EARPHONES • HEADSETS • ACCESSORIES

REMOTE CONTROL FOR SILENT TV VIEWING

• SIMPLE TO ATTACH TO ANY TV SET OR RADIO • SEE AND HEAR—NOISELESSLY—CONVENIENTLY • LOOK AT THESE FEATURES!



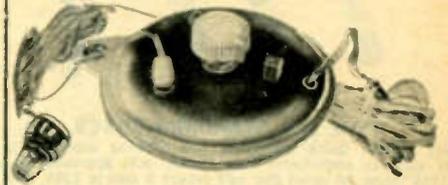
- FOR LATE LISTENERS:** One or two people can both see and hear the program with the loudspeaker cut off. Tops for enjoying the late-late show without disturbing the rest of the household or the neighbors.
- FOR HARD-OF-HEARING:** They can see and hear without turning the set volume so high that others can't stand the noise. They can listen either with the loudspeaker cut off or, if the rest of the family want to hear, with the speaker on.
- FOR NOISY PROGRAMS:** Don't let the kids' "Wild Westerns" bother you. Let them view and listen with the speaker off.
- FOR NORMAL OPERATION:** Does not affect your regular use of the T.V. set. Does not have to be disconnected from set.
- REMOTE CONTROL:** Comes complete with 20 ft. of cable so it can be operated comfortably from a distance. Has its own volume control, speaker on-off switch, and two sets of jacks so either 1 or 2 ear phones can be connected.
- DYNAMIC EAR PHONE:** Set is supplied with one of ARGONNE exclusive HI-FI dynamic miniature earphone. Highly sensitive and efficient. Phone is complete with 3 ft. cord and tips, ready to insert in control box.
- CONVENIENT:** Size only 3 7/8 x 2 1/4". Complete with 1 earphone and 20 ft. cable. Completely wired with instructions. Shpg. wt., 3 lbs.
MODEL MS-125 Net 6.50

EXTRA EARPHONE

| | |
|-------------------------------|---------|
| MS-591 Shpg. wt., 8 oz. | Net .79 |
| 10' extension cord for above. | |
| MS-590 Shpg. wt., 4 oz. | Net .39 |

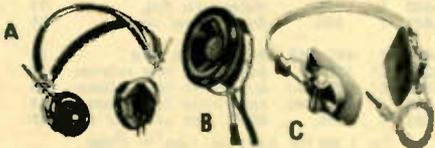
Transtek® "PRIVATE EAR"

Remote Control Radio-TV/Earphone ADAPTER
• Operates Up To 2 Speakers and/or Earphones



Relax in the most comfortable spot in the room and enjoy the benefits of private listening to your TV, radio or phonograph. Connect one or two extension speakers or earphones and control the volume of each separately. 25 foot, flat, flexible extension cord on control unit. Includes earphone control unit and instructions.
MS-913 Imported Net 3.29
MS-591 Extra Earphone for "Private Ear" Net .79
MS-590 10 ft. Earphone Extension Cord Net .39

CLEVITE-BRUSH HEADPHONES



Model BA-200 (Fig. A) Rugged, sensitive. Impedance, 45,000 ohms. Response, 100-8,000 cps. With 5' cord and headband. Shpg. wt., 2 lbs. Net 16.90
ME-10
Model BA-200B. Same as above but wired for binaural use. Impedance, 90,000 ohms. Net 16.90
ME-11
Model BA-202 Lorgnette (Fig. B). For individual listening in groups. Extends to 17". Impedance, 90,000 ohms. Response 100-8,000 cps. With 5' cord. Shpg. wt., 1 lb. Net 18.37
ME-12
Model BA-206. For ultimate hi-fi listening pleasure. Flat response 60-8,000 cps. Impedance, 50,000 ohms. Shpg. wt., 2 lbs. Net 30.28
ME-15
Model BA-206B. As above but wired for binaural use. Impedance, 100,000 ohms. Shpg. wt., 2 lbs. Net 32.54
ME-16
Model ED-300 Language Lab Headphones (Fig. C). Unmatched ability to withstand tough tests of student use and abuse. Lightweight. Removable ear cushions. Can be worn comfortably over glasses. Freq. response: 50-10,000 cps. Impedance: 50,000 ohms. Shpg. wt., 2 lbs. Net 27.44
ME-17

LAFAYETTE SPECIAL



4000 OHM HEADSET
DOUBLE MAGNET 1.59

A real bargain—the convenience and advantages of earphone listening at an especially low price. This is an extremely efficient, double headset with adjustable headband, for private listening or for greater intelligibility when there are distracting sounds and external noise. 4,000 ohms DC resistance. Has durable permanent magnets, removable earpiece and 3 1/2 feet of extension cord terminated with standard headphone tips. Shpg. wt., 12 oz. Imported
F-374 Net 1.59



PHONE AND SPEAKER CORDS 4 1/2 Feet Long

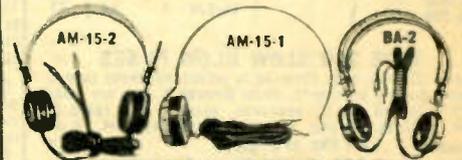
Sturdily made, with cotton braid insulation. 4 1/2 feet long. Avg. shpg. wt., 11 oz.
MS-35 Double type. 1 end spade tip, other straight .45
MS-36 Double type. Pin tips both ends .45
MS-37 Single type. Pin tips both ends .33

HEADPHONE CUSHIONS FOR ALL PHONES



Made of soft rubber for comfortable listening and for earphone protection. Fit all types of headphones. Shpg. wt., 1 lb.
MS-34 Pair .73 5 Pairs for 3.35

C. F. CANNON HEADPHONES AND ACCESSORIES



"CANNON-BALL" DOUBLE HEADSET

Low-priced, lightweight, with powerful Alnico V magnets and double coils. Adjustable steel headband. 4 1/2 ft. cord.
ME-30 AM-15-2—2000 ohms D.C. 2.14
ME-31 AM-15-3—3000 ohms D.C. 2.29
ME-32 AM-15-5—5000 ohms D.C. 3.09

"CANNON-BALL" SINGLE HEADSET

Single efficient phone with spring steel headband and 4 1/2 ft. cord. Shpg. wt., 1 lb.
ME-33 AM-15-1—1000 ohms D.C. 1.18
ME-34 AM-15-1500—1500 ohms D.C. 1.32

"CHIEF" HEADSET

Similar to above but all—Bakelite phones, double coils, alnico magnets and vinyl headband.
ME-42 CC11 -11-ohms D.C. Net 2.35

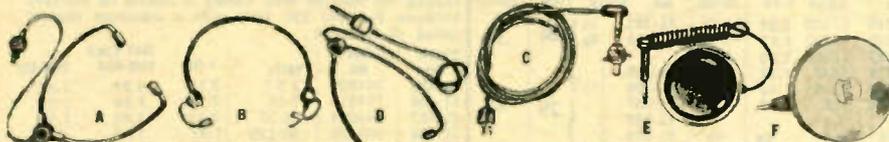
BRANDES "ADMIRAL" HEADPHONES

"Matched-tone" headset. Large diaphragms. Double coils, chrome steel magnets. Adjustable steel headband. 4 1/2 ft. cord. Shpg. wt., 2 lbs.
ME-35 BA-2—2000 ohms 2.53
ME-36 BA-3—3000 ohms 2.82
ME-37 BA-5—5000 ohms 3.53

BRANDES "SUPERIOR" HEADPHONES

"Matched-tone" headset of same general construction as the "Admiral" but with terminals on the outside.
ME-38 BS-2—2000 ohms 2.53

TELEX HEADPHONES AND ACCESSORIES



TELEX MONOSET (Fig. A)

Under-the-chn lightweight headset for individual listening. Reduces head fatigue. Removable white plastic ear plugs for easy cleaning. Magnetic type. Widths 1.2 oz. Complete with 5 ft. cord and standard phone plug.
ME-50 HMV-2—128 ohms Net 7.00
ME-51 HMY-2—2000 ohms Net 7.00

TELEX HI-FI DYNASET (Fig. D)

Sensitive HI-FI under-the-chn dynamic headset. 50-8000 cycle response to 25 MW. Midget 3/4" 6-ohm speaker built right into the plug. Light gray finish. Shpg. wt., 6 oz.
ME-61 HUP-01—6 ohms—Complete Net 7.53

TELEX CORD SETS (Fig. C)

All are 5 ft. cords without volume controls. All fit Mono-set, twinset, and magnetic pillow speaker except * fits dynamic pillow speaker. Shpg. wt., 9 oz.

| Plug Type | Net |
|---------------------------------------|------|
| ME-56 CMM-2—Standard Phone Plug | 2.09 |
| ME-57 CMM-92—90° miniature phone plug | 1.62 |
| ME-58 CMM-98—Straight min. phone plug | 1.84 |
| ME-59 CMM-99—Extension cord | 2.09 |
| ME-60 CSD-2—Standard phone plug | 2.09 |

TELEX TWINSET (Fig. B)

Banishes headachy ear pressure. Band rests on head and receivers set gently at temples; tubular sound arms pipe signal to ears. Only 1.6 oz. C.A.A. approved for pilots. Complete with 5 ft. cord and standard phone plug. Shpg. wt., 10 oz.
ME-54 HTL-2—64 ohms Net 12.35
ME-55 HTX-2—1000 ohm for pilot use (CAATC3R2-1) Net 12.35

TELEX DYNAMIC PILLOW SPEAKER (Fig. E)

New dynamic miniature pillow speaker gives ultimate in tonal quality without distortion. For individual and institutional use. Stainless steel, moisture proof housing. Size: 3 3/4" dia., 1 1/4" max. thickness. With 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.
ME-62 SDN-2A—3.2 ohm List 10.20 Net 6.00
ME-63 SDM-2A—10,000 ohm List 12.10 Net 8.50

TELEX MAGNETIC PILLOW SPEAKER (Fig. F)

Only 2 1/4" diameter and only 3/8" thick! Ideal for comfortable radio or television listening through a pillow in bed or in a chair without disturbing others. Maroon waterproof plastic. Complete with 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.
ME-64 SMV-2A—125 ohms Net 5.35
ME-65 SMY-2A—2000 ohms Net 5.35

HEARING AID FOR RADIO



Headphone hearing device increases enjoyment for persons having difficulty hearing radio programs properly. Excellent for private listening. Connects to radio in a few minutes. With switch for listening to phones only, speaker only, or to both. Phones match loudspeaker coil.



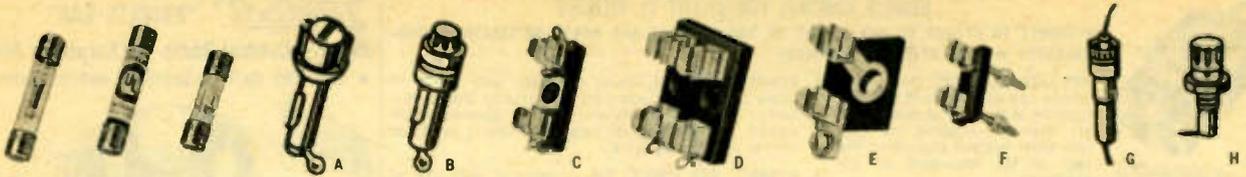
ME-39 DC-2. Shpg. wt., 2 lbs. 4.70
ME-40 SP-1—Same but with single phone. Shpg. wt., 1 lb. 3.38
ME-41 K-4—3-way switch only. Shpg. wt., 8 oz. 1.85

TELEX MINIATURE PHONE PLUG AND JACK



1/2 the size of previous small plugs and jacks, yet with all the quality of precision workmanship. Plug is 1 1/2" long by 1/4" diameter. Jack can be mounted on any panel up to 1/8".
PJ-39 TELEX NO. PMP01—PLUG. Shpg. wt., 4 oz.35
PJ-40 TELEX NO. JMP01—JACK (Closed Circuit). 4 oz.35
PJ-41 TELEX NO. JMP02—JACK (Open Circuit), 4 oz.35

LITTELFUSE FUSES AND MOUNTS



TYPE 3AG STANDARD FUSES

Series 312000. Quick acting for low time-lag applications such as amplifiers—auto radios. U.L. approved. 1 1/4 x 1/4" diam. All rated 250 volt except 8 amp is 125V. 5 fuses per pkg. Shpg. wt., 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | | | |
|-----------|-------|---------------|-------|-----------|-------|---------------|-------|-----|-----|
| | | 1-19 | 20-up | | | 1-19 | 20-up | | |
| EL-521 | 1/100 | 1.53 | 1.28 | EL-227 | 1 | .25 | .21 | | |
| EL-522 | 1/32 | 1.32 | 1.08 | EL-228 | 1 1/2 | .25 | .21 | | |
| EL-217 | 1/4 | .62 | .52 | EL-229 | 2 | | | | |
| EL-218 | 1/2 | | | | | | | | |
| EL-219 | .15 | | | | | | | | |
| EL-220 | .175 | | | | | | | | |
| EL-221 | 3/4 | .41 | .34 | EL-230 | 3 | .22 | .18 | | |
| EL-222 | 1/4 | | | .31 | .26 | EL-231 | 4 | .44 | .37 |
| EL-223 | 3/10 | | | | | EL-232 | 5 | | |
| EL-224 | 3/4 | | | | | EL-233 | 6 | | |
| EL-225 | 1/2 | EL-234 | 8 | | | | | | |
| EL-226 | 3/4 | | | | | | | | |

TYPE 3AG SLOW BLOW FUSES

Series 313000. High time-lag to withstand heavy surges. Blows quickly on shorts. Units through 5 amp are rated 125 volts and are UL approved, above 5 amp rated 32 volt. 5 fuses per pkg. 1 1/4 x 1/4" diam. Shpg. wt., 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|-----------|--------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-235 | 1/100 | 1.15 | .96 | EL-253 | 1 | .82 | .69 |
| EL-236 | 1/2 | .82 | .69 | EL-254 | 1 1/4 | .76 | .64 |
| EL-237 | 1/4 | | | EL-255 | 1 1/2 | | |
| EL-238 | 1/10 | | | EL-256 | 1-6/10 | | |
| EL-239 | 1/8 | | | EL-257 | 2 | | |
| EL-240 | .15 | .82 | .69 | EL-258 | 2 1/2 | .62 | .52 |
| EL-241 | .175 | | | EL-259 | 3 | | |
| EL-242 | 3/4 | | | EL-260 | 3.2 | | |
| EL-243 | 2/10 | | | EL-261 | 4 | | |
| EL-244 | 1/4 | .82 | .69 | EL-262 | 5 | .62 | .52 |
| EL-245 | 3/10 | | | EL-263 | 6 1/4 | | |
| EL-246 | 3/4 | | | EL-264 | 7 | | |
| EL-247 | 4/10 | | | EL-265 | 8 | | |
| EL-248 | 1/2 | .82 | .69 | EL-266 | 15 | .62 | .52 |
| EL-249 | 6/10 | | | EL-267 | 20 | | |
| EL-250 | 7/10 | | | EL-268 | 25 | | |
| EL-251 | 3/4 | | | EL-269 | 30 | | |
| EL-252 | 8/10 | | | | | | |

3AG STANDARD PIGTAIL FUSES

Series 318000. Designed for use in TV receivers and other applications where absolute economy in space is necessary. Rated at 250V. UL approved through 3 amps. 1 1/4 x 1/4" diam., pigtails 1 1/2" = 20 tinned copper wire. 5 fuses per pkg. 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-305 | 1/4 | 1.03 | .86 | EL-312 | 1 1/2 | .47 | .39 |
| EL-306 | 1/8 | .76 | .64 | EL-313 | 2 | | |
| EL-307 | 1/4 | .62 | .52 | EL-314 | 3 | .50 | .42 |
| EL-308 | 3/4 | | | EL-315 | 4 | | |
| EL-309 | 3/4 | | | EL-316 | 5 | | |
| EL-310 | 3/4 | | | EL-317 | 6 | | |
| EL-311 | 1 | .47 | .39 | | | | |

32 VOLT AUTO FUSES

307000 Series Medium acting fuses designed for auto use. Sizes to S.A.E. specifications, length according to current to guard against over fusing. For Buss specify SFE. All 1/4" Diam. 5 fuses per pkg. Shpg. wt., 6 oz.

| Stock No. | Amps. | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|
| | | 1-19 | 20-up |
| EL-211 | 4 | .17 | .14 |
| EL-212 | 6 | .16 | .13 |
| EL-210 | 7.5 | .16 | .13 |
| EL-213 | 9 | .14 | .11 |
| EL-214 | 14 | .14 | .11 |
| EL-215 | 20 | .14 | .11 |
| EL-216 | 30 | .19 | .15 |

LIMITED CURRENT FUSES

Series 332000. Exact TV replacements. Fuses match holders for specific size ranges. Rated 250 volt through 6 amps and 125 volt above 7 amps. 5 fuses per pkg. Shpg. wt., 6 oz. Per

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-318 | 1/2 | 1.29 | 1.00 | EL-330 | 1 1/4 | .28 | .24 |
| EL-319 | 3/4 | .82 | .68 | EL-331 | 2 | | |
| EL-320 | 1/2 | .65 | .54 | EL-332 | 2 1/2 | | |
| EL-321 | 3/4 | | | EL-333 | 3 | | |
| EL-322 | 1/4 | .50 | .42 | EL-334 | 3 1/2 | .36 | .31 |
| EL-323 | 3/10 | | | EL-335 | 4 | | |
| EL-324 | 4/10 | | | EL-336 | 5 | | |
| EL-325 | 1/2 | | | EL-337 | 6 | | |
| EL-326 | 3/4 | .28 | .24 | EL-338 | 7 | .53 | .44 |
| EL-327 | 1 | | | EL-339 | 8 | | |
| EL-328 | 1 1/4 | | | EL-340 | 10 | | |
| EL-329 | 1 1/2 | | | | | | |

SLOW BLOW LIMITED CURRENT FUSES

Series 333000. Exact TV replacement. Fuse matched to fuseholder. All rated 125 volts except 6 1/4 and 7 amp rated 32 volt. 5 fuses per pkg. Shpg. wt., 6 oz. Per

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|-----------|--------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-341 | 1/100 | 1.21 | 1.01 | EL-354 | 1 | .87 | .72 |
| EL-342 | 1/2 | .87 | .72 | EL-355 | 1 1/4 | .79 | .66 |
| EL-343 | 3/4 | | | EL-356 | 1-6/10 | | |
| EL-344 | 1/10 | | | EL-357 | 1 3/4 | | |
| EL-345 | .15 | | | EL-358 | 2 | | |
| EL-346 | 2/10 | .87 | .72 | EL-359 | 2 1/2 | .74 | .62 |
| EL-347 | 1/4 | | | EL-360 | 2-8/10 | | |
| EL-348 | 3/10 | | | EL-361 | 3-2/10 | | |
| EL-349 | 4/10 | | | EL-362 | 3 1/2 | | |
| EL-350 | 1/2 | .87 | .72 | EL-363 | 4 | .74 | .62 |
| EL-351 | 6/10 | | | EL-364 | 5 | | |
| EL-352 | 3/4 | | | EL-365 | 6 1/4 | | |
| EL-353 | 8/10 | | | EL-366 | 7 | | |

TYPE 8AG INSTRUMENT FUSES

Series 361000. Designed for high-speed action to protect delicate electrical equipment. All rated at 250 volts, except 5 amp rated 32 volt. 5 fuses per pkg. 1 1/4 x 1/4" diam. 6 oz. Per

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-375 | 1/500 | 4.09 | 3.41 | EL-383 | 1/2 | .38 | .32 |
| EL-376 | 1/200 | 1.71 | 1.45 | EL-384 | 3/4 | | |
| EL-377 | 1/100 | 1.53 | 1.27 | EL-385 | 1 | .29 | .25 |
| EL-378 | 1/32 | 1.32 | 1.11 | EL-386 | 1 1/2 | | |
| EL-379 | 1/16 | .82 | .69 | EL-387 | 2 | | |
| EL-380 | 1/8 | .62 | .52 | EL-388 | 3 | | |
| EL-381 | 1/4 | .38 | .32 | EL-389 | 5 | | |
| EL-382 | 3/8 | | | | | | |

3AG SLOW BLOW PIGTAIL FUSES

Series 315000. Widely used in TV receivers. Designed to withstand heavy surges and instantaneous peaks yet quick acting under short circuit. All rated 125 Volt. UL approved through 3.2 amp. 1 1/4 x 1/4" diam., pigtails 1 1/2" = 20 tinned copper wire. 5 fuses per pkg. Shpg. wt., 6 oz. Per

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|-----------|--------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-280 | 1/100 | 1.38 | 1.16 | EL-293 | 3/4 | 1.03 | .86 |
| EL-281 | 1/2 | 1.03 | .86 | EL-294 | 8/10 | | |
| EL-282 | 1/4 | | | EL-295 | 1 | | |
| EL-283 | 1/10 | | | EL-296 | 1 1/4 | | |
| EL-284 | 15 | | | EL-297 | 1 1/2 | | |
| EL-285 | 3/4 | .86 | .72 | EL-298 | 1-6/10 | .97 | .81 |
| EL-286 | 2/10 | | | EL-299 | 2 | | |
| EL-287 | 1/4 | | | EL-300 | 2 1/2 | | |
| EL-288 | 3/10 | | | EL-301 | 3 | | |
| EL-289 | 3/4 | 1.03 | .86 | EL-302 | 3.2 | .82 | .69 |
| EL-290 | 4/10 | | | EL-303 | 4 | | |
| EL-291 | 1/2 | | | EL-304 | 5 | | |
| EL-292 | 6/10 | | | | | | |

LITTELFUSE MOUNTINGS AND EXTRACTOR POSTS

Mounts and fuse holders for every application. *Includes fuse. Avg. shpg. wt., 3 oz.

| No. | Fig. | For Fuses | Description | Net Ea. |
|--------|------|-----------|----------------------------|---------|
| EL-367 | A | 3AG, 3AB | Panel mount, screw slot | .41 |
| EL-368 | B | 3AG, 3AB | Panel mount, finger knob | .41 |
| EL-399 | A | 8AG | Panel mount, screw slot | .41 |
| EL-400 | B | 8AG | Panel mount, finger knob | .41 |
| EL-374 | C | 3AG, 3AB | Single fuse, lug terminal | .13 |
| EL-403 | C | 8AG | Single fuse, lug terminal | .13 |
| EL-372 | C | 3AG, 3AB | Single fuse, screw term. | .27 |
| EL-373 | D | 3AG, 3AB | Double fuse, lug term. | .26 |
| EL-404 | D | 8AG | Double fuse, lug term. | .26 |
| EL-402 | E | 8AG | Meter-back mtg. | .21 |
| EL-401 | F | 8AG | Below panel mtg. | .35 |
| EL-371 | F | 3AG, 3AB | Below panel mtg. | .35 |
| EL-205 | G* | SFE(9A) | Auto inline fuse retainer | .30 |
| EL-206 | G* | SFE(14A) | Auto inline fuse retainer | .30 |
| EL-207 | G* | SFE(20A) | Auto inline fuse retainer | .30 |
| EL-369 | H | 3AG | Minia. fuse extractor post | .35 |



MINIATURE 3AG FUSE EXTRACTOR POSTS

Shortest 3AG fuse posts. Test Post hole in knobs. UL approved. Body and Knob meet MIL-P-14E type CFG. Rated at 15 amps, 250 volts. Fig. A, B has straight bottom terminals, behind panel length 1 1/2". Fig. C, D has right angle bottom terminal behind panel length 1 1/2". Fig. A, C has knurled knobs. Fig. B, C has fluted knobs. Shpg. wt., 3 oz.

| Stock No. | Mfg. No. | Fig. | NET EACH | | |
|-----------|----------|------|----------|---------|--------|
| | | | 1-99 | 100-499 | 500 Up |
| EL-370 | 342012 | J | .30 | .26 | .21 |
| EL-460 | 342014 | K | .30 | .26 | .21 |
| EL-520 | 342022 | L | .35 | .30 | .24 |
| EL-462 | 342004 | M | .35 | .30 | .24 |



3AG INDICATING FUSE POSTS

Series 344000. Fuse holder with foolproof neon indicator that lights when the fuse blows. Mounts in 3/8" Diameter "D" hole with an overall length of 2 3/8" including the inserted fuse. Comes in models for voltages between 2 1/2 and 250 volts with a maximum current rating of 20 amps.

| Stock No. | Mfr. No. | Volts | Net Each | | |
|-----------|----------|---------|----------|---------|--------|
| | | | 1-99 | 100-499 | 500-Up |
| EL-455 | 344006 | 2.5-7 | 2.17 | 1.84 | 1.47 |
| EL-456 | 344012 | 7-16 | 2.17 | 1.84 | 1.47 |
| EL-457 | 344024 | 16-32 | 2.17 | 1.84 | 1.47 |
| EL-458 | 344125 | 90-125 | 1.32 | 1.13 | .90 |
| EL-459 | 344250 | 200-250 | 1.32 | 1.13 | .90 |

TYPE 3AB FUSES

Series 31400. Sfealite enclosed, ARC-Quenching Powder filled fuses. Will not shatter against quick shorts. Medium time lag, types through 15 Amp UL approved. All 250 Volt except 30 amps 125 volt. 1 1/4" x 1/4" Dia. 5 fuses per pkg. Shpg. wt., 6 oz.

| Stock No. | Per Pkg. of 5 | Stock No. | Per Pkg. of 5 | |
|-----------|---------------|-----------|---------------|-------|
| | | | Amps 1-19 | 20-up |
| EL-270 | 1 | EL-275 | 10 | 50 |
| EL-271 | 2 | .53 | .44 | .42 |
| EL-272 | 3 | | | |
| EL-273 | 5 | .53 | .44 | .42 |
| EL-274 | 8 | | | |
| EL-275 | 10 | .53 | .44 | .42 |
| EL-276 | 12 | | | |
| EL-277 | 15 | .53 | .44 | .42 |
| EL-278 | 20 | | | |
| EL-279 | 30 | .62 | .52 | |



SNAP FUSE HOLDER

For fast replacement of pigtail fuses. One side of dual holder clips on to blown fuse. New fuse fits into other side. MS-259 wt., 4 oz. Each 8c 10 for 70c

FUSES—SWITCHES—TIMERS

LITTELFUSE PRODUCTS MEDIUM LAG FUSES

362000 Series Littelfuses — Medium lag fuses designed to standard N.E.C. blowing specifications. This smaller fuse is used in situations where size is a factor because of space limitation or the need to differentiate physically between two fuses in close proximity. Approved by Underwriters' Laboratories. Shpg. wt., 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-390 | 1/4 | .47 | .39 | EL-394 | 1 | | |
| EL-391 | 1/4 | | | EL-395 | 1 1/2 | .25 | .21 |
| EL-392 | 3/4 | | | EL-396 | 2 | | |
| EL-393 | 1 | .41 | .34 | EL-397 | 3 | | |
| EL-461 | 3/4 | | | EL-398 | 5 | .16 | .13 |

EUROPEAN EQUIPMENT FUSES

Used in European instruments, tape recorders, radios, Hi-Fi equipment and Hickock test equipment. 5x20 mm. Rated at 250V. 5 fuses per package. Shpg. wt., 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-208 | 1/2 | .88 | .73 | EL-209 | 1 1/2 | .74 | .62 |

271 Series Standard Fuse

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-463 | 1/4 | .94 | .78 | EL-468 | 1 1/4 | | |
| EL-464 | 1/4 | | | EL-469 | 2 | | |
| EL-465 | 1/2 | | | EL-470 | 4 | .82 | .69 |
| EL-466 | 8/10 | .82 | .69 | EL-471 | 6 | | |
| EL-467 | 1 | | | | | | |

Type F 212 Series Standard Fuse

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|------|---------------|-------|-----------|------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-472 | 1/4 | .94 | .78 | EL-475 | 2 | | |
| EL-473 | 1/2 | | | EL-476 | 4 | .94 | .78 |
| EL-474 | 1 | | | | | | |

Type T 213 Series Slo Blow Fuse



BUSS FUSE MOUNTINGS

Convenient methods for mounting fuses on equipment, radio, TV, instruments, etc. Fuses easily replaced. 6 oz.

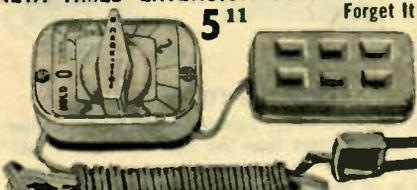
| Stock No. | Buss # | For | Net Ea. | Stock No. | Buss # | For | Net Ea. |
|-----------|--------|-----|---------|-----------|--------|-----|---------|
| EL-182 | HPC | 5AG | .47 | EL-180 | HJM | 8AG | .30 |
| EL-179 | HCM | 4AG | .43 | EL-183 | 4405 | 3AG | .13 |
| EL-181 | HKP | 3AG | .30 | EL-184 | 4408 | 3AG | .26 |

BUSS FUSETRON DUAL-ELEMENT FUSES

Contains both a thermal cutout and fuse to withstand heavy starting surge currents yet protect on dangerous overloads or short circuits. For 125V. Four fuses per pkg. Shpg. wt., 5 oz. per pkg. Shpg. wt., 6 oz.

| Stock No. | Buss # | Rating Amp | Per Pkg. | Stock No. | Buss # | Rating Amp | Per Pkg. |
|-----------|--------|------------|----------|-----------|--------|------------|----------|
| EL-176 | T-20 | 20 | .29 | EL-177 | T-25 | 25 | .29 |
| EL-175 | T-15 | 15 | .29 | EL-178 | T-30 | 30 | .29 |

NEW! TIMED EXTENSION CORD

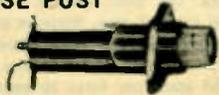


- Automatic Time Switch & Extension Cord + 3-Way Outlet
- Controls up to 3 Appliances at Same Time
- Reduces Electric Bills

A 3-way combination for every home — an automatic time switch, extension cord, convenient outlet. 0-4 hour time cycle. Easy to operate — plug it into any wall outlet, connect one, two or three devices to be controlled, and turn the knob to the time period desired. At the end of this time period, the electricity is turned off automatically. 6-foot cord. Shpg. wt., 2 lbs. MS-841 Net \$1.11

INDICATING FUSE POST

.89



Foolproof neon indicator—lights when fuse is blown. For 1 1/2x1/4" (3AG, AGC, etc.) fuses. For use in 100 to 250 volt circuits. Mounting centers—1", 2" behind panel with fuse in 3/4" mounting hole. Shpg. wt., 1 oz. EL-90 1-9, ea. .89, 10-up, ea. .80



MICROFUSES

New sub-miniature microfuses designed where space is critical. Ideal for printed circuits. Rated up to 125 volts. Size 1/8" dia x 1/32", 5 fuses per pkg. Shpg. wt., 1 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-489 | 1/500 | | | EL-510 | 1/2 | | |
| EL-490 | 1/200 | 5.05 | 4.17 | EL-511 | 6/10 | 4.22 | 3.48 |
| EL-491 | 1/100 | | | EL-512 | 7/10 | | |
| EL-492 | 1/32 | | | EL-513 | 8/10 | | |
| EL-493 | 1/20 | | | EL-514 | 1 | | |
| EL-494 | 1/16 | | | EL-515 | 1 1/2 | | |
| EL-495 | 1/10 | 4.22 | 3.48 | EL-516 | 2 | 4.22 | 3.48 |
| EL-496 | 2/10 | | | EL-517 | 3 | | |
| EL-497 | 1/4 | | | EL-518 | 4 | | |
| EL-498 | 3/10 | | | EL-519 | 5 | | |
| EL-499 | 4/10 | | | | | | |

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|-------|---------------|-------|-----------|-------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-477 | 1/500 | | | EL-500 | 1/2 | | |
| EL-478 | 1/200 | 5.05 | 4.17 | EL-501 | 6/10 | 4.22 | 3.48 |
| EL-479 | 1/100 | | | EL-502 | 7/10 | | |
| EL-480 | 1/32 | | | EL-503 | 8/10 | | |
| EL-481 | 1/20 | | | EL-504 | 1 | | |
| EL-482 | 1/16 | | | EL-505 | 1 1/2 | | |
| EL-483 | 1/10 | 4.22 | 3.48 | EL-506 | 2 | 4.22 | 3.48 |
| EL-484 | 2/10 | | | EL-507 | 3 | | |
| EL-485 | 1/4 | | | EL-508 | 4 | | |
| EL-486 | 3/10 | | | EL-509 | 5 | | |
| EL-487 | 4/10 | | | | | | |

Suo-Miniature Fuse Holder Fig. C For 272000 Series. Easy chassis or P.C. mount. With spring nut. Shpg. wt., 1 oz. EL-488 Type 281001 100-Up Net ea. .21 1-99 Net ea. .25

5AG STRAIGHT-ELEMENT FUSES

Series 517 000. Specifications same as 4AG straight-element fuse except size which is 1 1/2"x1 1/2". Dia. 5 fuses per package. Shpg. wt., 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|------|---------------|-------|-----------|------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-445 | 1 | .50 | .42 | EL-450 | 10 | .47 | .39 |
| EL-446 | 2 | | | EL-451 | 15 | | |
| EL-447 | 3 | | | EL-452 | 20 | | |
| EL-448 | 4 | | | | | | |
| EL-449 | 5 | .47 | .39 | EL-453 | 25 | .47 | .39 |
| | | | | EL-454 | 30 | | |

PHOSPHOR BRONZE FUSE CLIPS

Bright nickel plate with fuse stop ears. 10 clips per package. Shpg. wt., 4 oz.

| Stock No. | Little-fuse # | For Fuse Types | Net Per of 10 | |
|-----------|---------------|---------------------|---------------|-------|
| | | | 1-9 | 10-up |
| EL-200 | 101001 | SFE, 3AG, 3AB, 8AG | .17 | .14 |
| EL-201 | 103001 | 4AG, 4AB | .31 | .26 |
| EL-202 | 105001 | SAG MI Volt—Midget | .40 | .34 |
| EL-203 | 107001 | N.E.C.—30 Fuses | .60 | .50 |
| EL-204 | 109001 | Standard HI-Voltage | 1.47 | 1.23 |

4AG SLOW BLOW FUSES

Series 41300. Designed to meet Aircraft Vibration test requirements. Units through 3-2/10 amp are rated at 250 volt. Above 3-1/10 amp rated at 32 volt. 5 fuses per package. 1 1/4"x1 1/2". Dia. Shpg. wt., 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|--------|---------------|-------|-----------|--------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-405 | 1/10 | | | EL-419 | 2 1/2 | | |
| EL-406 | 1/5 | | | EL-420 | 3 | | |
| EL-407 | 2/10 | 1.09 | .91 | EL-421 | 3-2/10 | .82 | .78 |
| EL-408 | 1/4 | | | EL-422 | 4 | | |
| EL-409 | 3/10 | | | EL-423 | 5 | | |
| EL-410 | 4/10 | | | EL-424 | 6 1/4 | | |
| EL-411 | 1/2 | | | EL-425 | 8 | | |
| EL-412 | 6/10 | 1.09 | .91 | EL-426 | 10 | .82 | .78 |
| EL-413 | 3/4 | | | EL-427 | 15 | | |
| EL-414 | 8/10 | | | EL-428 | 20 | | |
| EL-415 | 1 | | | EL-429 | 25 | .82 | .78 |
| EL-416 | 1 1/4 | 1.09 | .91 | EL-430 | 30 | | |
| EL-417 | 1-6/10 | | | | | | |
| EL-418 | 2 | | | | | | |

4AG STRAIGHT-ELEMENT FUSES

Series 41700. Medium lag fuses for applications where a larger size fuse is desirable and vibration is not a factor. All rated 32 volt except 1, 2 and 3 Amp rated 250 V. 5 fuses per package. 1 1/4"x1 1/2". Dia. 6 oz.

| Stock No. | Amps | Per Pkg. of 5 | | Stock No. | Amps | Per Pkg. of 5 | |
|-----------|------|---------------|-------|-----------|------|---------------|-------|
| | | 1-19 | 20-up | | | 1-19 | 20-up |
| EL-433 | 1 | .41 | .34 | EL-439 | 20 | | |
| EL-434 | 2 | | | EL-440 | 25 | .35 | .30 |
| EL-435 | 3 | | | EL-441 | 30 | | |
| EL-436 | 5 | | | EL-442 | 35 | .41 | .34 |
| EL-437 | 10 | .35 | .30 | EL-443 | 40 | | |
| EL-438 | 15 | | | | | | |

MINI BREAKER

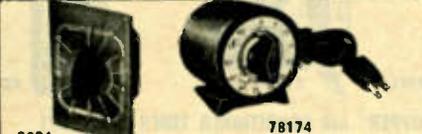
- U.L. APPROVED — NOT A FUSE — A TRUE CIRCUIT BREAKER
 - DON'T REPLACE — JUST RESET
- Lifetime circuit protection—fits in standard edison base fuse receptacle! Trips instantly on overload. Never needs replacing—just reset! Built in line load handles temporary starting leads and line surges. Available in 5-10 15-20 or 30 amps. State amperage required. EL-40 Shpg. wt., 2 oz. Net each 1.26 Lots of 4, each 1.13

FUSED PLUG

Uses 3AG fuse in each side to protect line. Fuses easily replaced. Supplied less fuses. EL-32 Shpg. wt., 3 oz. Net each .34

PLUG FUSES

- EL-18—10 amperes UL approved. Wt., 6 oz.
- EL-19—15 amperes PER BOX
- EL-20—20 amperes OF 5
- EL-21—30 amperes .24

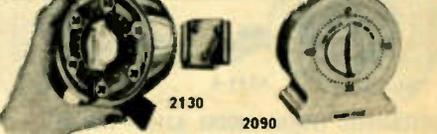


TIME SWITCHES FOR WALL BOX INSTALLATION

A dependable and versatile time switch to automatically turn off attic fans, porch and garage lights, window lights, heating units, etc. at any preset time. Has special HOLD feature: turn of a knob cuts out timing mechanism and allows unit to be used as a regular toggle switch. Capacity 20 amps, 125 volts AC. Satin-chrome dial 4 1/2"x3 1/2"; switch 2 1/2"x1 3/4"x1 1/4". Fits any standard rectangular wall box. Shpg. wt., 3 lbs. MODEL 9024—time range up to 1 hour Net \$5.52 MS-135 MODEL 9015—time range up to 12 hours. Shpg. wt., 3 lbs. MS-136 Net \$5.52

MODEL 78174 PHOTOGRAPHIC TIME SWITCH

- UP TO 60 SECONDS AUTOMATIC CONTROL
 - FOR AMATEUR AND PROFESSIONAL USE
- It's easy to control accurate timing on photographic developers, enlargers, and photo copy equipment by plugging them into the convenience outlet on this inexpensive unit. Adjustable stop makes repeated settings—even in total darkness—easy and foolproof. Times up to 60 seconds, then automatically shuts off current. May also be used as "on-off" switch when timing is unnecessary. Rated 10 amps—125 volts—A.C. UL and CSA inspected. Shpg. wt., 3 lbs. MS-714 Net \$6.57



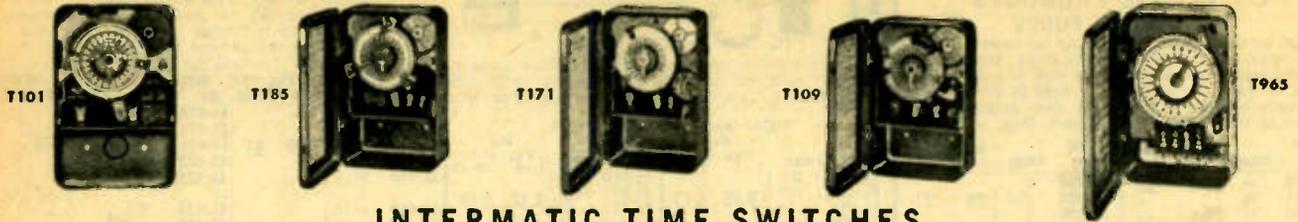
MODEL 2130 PORTABLE 2-SPEED PRECISION TIMER

- TWO TIMERS FOR THE PRICE OF ONE!
 - FOR PRECISE 1 SECOND TO 1 HOUR TIMING IN THE HOME, OFFICE AND LABORATORY
- Indispensable for timing precise, short operations such as boiling eggs, pressure cooking, heat and sun lamp treatment, home permanents, photo developing and printing, long distance calls, etc. Times up to 6 minutes in seconds and up to 1 hour in minutes. Exclusive 2-speed feature permits instant timing speed change by flick of a lever. A clear, resonant bell sounds at end of timing period. Can be attached to any surface with handy wall bracket supplied or can stand upright. Smartly styled in white with dial face a rich copper tone. 4x2 1/4". Shpg. wt., 2 lbs. MS-294 Net \$4.54

MODEL 2090 UTILITY HOUSEHOLD TIMER

- DEPENDABLE 1 MINUTE TO 1 HOUR TIMING
- This reliable, low-priced timer in a neat durable white plastic case has innumerable household timing uses, i.e., cooking, baking, home permanents, games, remembering appointments, TV and radio programs, etc. Attractive modern design. Times any interval up to one hour accurately and gives resonant bell signal at end of period. Large easy to set and easy to read dial. 3 1/2"x1 1/2". Shpg. wt., 1 1/4 lbs. MS-295 Net \$2.90

TIMERS for HOME OFFICE & INDUSTRY



INTERMATIC TIME SWITCHES

TYPE T101 TIME SWITCH

Turns equipment "on" and "off" once in 24 hours, or from one to twelve "on" and "off" operations a day can be obtained by use of extra trippers. Extra trippers can be added without removing dial. Min. on or off time 1 hr., max. on or off time 23 hours. Can be turned on or off manually with reset SPST switch rated at 35 amps, 4000 watt capacity. Alloy "T" contacts carry incandescent lighting loads with inrush surge of over 8 times normal rating. Almost immune to pitting, arcing, sticking. Has convenient mounting holes and knockouts. Large numbers—easy to set. Gray steel case—hinged door—can be locked or sealed. UL approved. Operates on 110 volt 60 cycle AC only. Size 7 $\frac{3}{4}$ "x5 $\frac{1}{2}$ "x3"D. Shpg. wt., 4 lbs.

- MS-82 Lots of 6 ea. 7.17. Singly ea. 7.77
- P-101 Similar to T101 except case is equipped with 6 ft. cord set for plug-in and receptacle. Capacity 1250 watts. Shpg. wt., 6 lbs.
- MS-360 Lots of 6, ea., 8.37. Singly, ea., 9.07

TYPE T185 TIME SWITCH

- UP TO 14 COMPLETE "ON-OFF" CYCLES
- EACH CYCLE INDIVIDUALLY ADJUSTABLE FOR 5 TO 60 MINUTE OPERATION • 4000 WATT CAPACITY

Versatile timer for applications where multiple "on-off" cycles of 5 to 60 minutes are required within a 24 hr. period. A minute selector is provided on each specially designed tripper for setting the number of minutes, (5 to 60), the "on-off" cycle will operate. Up to 14 trippers can be used at the same time. Minimum interval between start of each cycle, 1 $\frac{3}{4}$ hrs. rated 35 amps, 125 volts, AC. Special alloy "T" contacts. High-torque slow-speed dependable precise timing motor. Gray steel case 7 $\frac{3}{4}$ "x5 $\frac{1}{2}$ "x3". With 3 trippers (for 2 "on-off" cycles). For 110-125 volts, 60 cycles AC. Shpg. wt., 4 lbs.

- MS-143 lots of 6 ea. 10.77. Singly ea. 11.67
- Extra Trippers for above. One Tripper for each additional "on-off" cycle. Wt. 4 oz. Net .84
- MS-144 Net .84

TYPE T171 "SKIPPER" TIME SWITCH

- SKIPS OPERATIONS ON SELECTED DAYS
- 4000 WATT CAPACITY

An ingenious time switch that not only automatically turns equipment on or off, but will skip operations on any selected days. Ideal where offices or factories are closed on Saturdays, Sundays or Holidays. Turns "on and off" once every 24 hours with single set of trippers supplied, but up to 11 on and off operations can be had by adding extra trippers listed below. Supplied with 3 skipping screws; more can be added. Also has 1 cutout tripper which advances day dial automatically. Special alloy "T" contacts will carry incandescent lighting loads with inrush surge of more than 8 times normal rating. Almost immune to pitting, arcing, sticking. Min. on or off time 1 hour, maximum 23 hours. Size 7 $\frac{3}{4}$ "x5 $\frac{1}{2}$ "x3". Shpg. wt., 4 lbs. For 110-120V 60 cycle AC operation S.P.S.T.—Skips "ON" Operation.

- MS-130 Lots of 6, ea. 10.17. Singly ea. 11.02
- Type T175—Single Pole Double Throw. Opens one circuit and closes another. Skips either "ON" or "OFF" operation. Shpg. wt., 4 lbs.
- MS-146 Lots of 6, ea. 11.37. Singly ea. 12.32
- Type P171—Portable Plug-in version of Type T171 Switch. Capacity 1250 watts (contacts 10 amps). Shpg. wt., 6 lbs.
- MS-361 Lots of 6, ea. 11.37. Singly ea. 12.32

TYPE T109 POULTRY TIME SWITCH

Prolongs daylight in winter and fall. Gives you additional eggs when egg prices are highest. Designed for morning and evening lighting or evening lighting alone. Provides automatic 20-minute "dimming" period after bright lights go "off" enabling hens to reach roost safely. Controls one circuit for bright lights, another circuit for dim lights. Capacity: "Bright"—3000 watts (24 amperes at 125 volts), "Dim"—1000 watts (8 amperes at 125 volts). Gray steel case 7 $\frac{3}{4}$ "x5 $\frac{1}{2}$ "x3". For 110 to 125 volts, 60 cycle AC. Shpg. wt., 4 lbs.

- MS-145 Lots of 6, ea. 8.37. Singly ea. 9.07

SWITCH ACCESSORIES

TRIPPERS—Set of ON-OFF units (one of each) for all models except T-185, G-8301-S, V-21003, T1101, P961 and P965.

MS-83 per set. Shpg. wt., 2 oz. Net .26

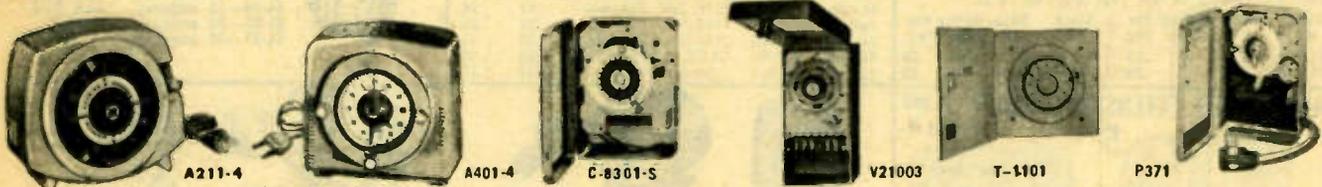
COMB. ON-CUTOFF TRIPPER. For "Skipper" types only. MS-134 Shpg. wt., 2 oz. Net .18

SKIPPING SCREW. For "Skipper" types only. MS-133 Shpg. wt., 2 oz. Net .04

PROGRAM TIME SWITCH TYPE T965

• FOR 1 TO 96 ON-OFF OPERATIONS EVERY 24 HOURS
An exceptionally useful program timer designed for 24 hour control of applications requiring many ON-OFF operations in 15 minute increments. Can be set for as many as 48 ON and 48 OFF operations of 15 minute duration during any 24 hour period. Minimum "ON" or "OFF" period is 15 minutes; maximum "ON" or "OFF" period is 23 hours 45 minutes. Ideal for control of heating, air-conditioning, ventilating, programming music, oil-well pumping, poultry feeders, process timings, etc. To set schedule simply depress the proper permanently-attached trippers that slide in and out of dial for fast, accurate setting. Dial is black on yellow for full, easy visibility. Mechanism readily removable from case by pressing single spring clasp. Constructed for easy installation. Single Pole Single Throw—normally open switch. Contacts rated to handle 20 amps at 125 volts 60 cycle AC. Repeats cycle without resetting. 7 $\frac{3}{4}$ "x5 $\frac{1}{2}$ "x3". Shpg. wt., 4 lbs.

- MS-362—For 105-125V; 60 Cycle AC. Lots of 6, ea. 21.90. Singly, ea. 23.73
- Type P961—Portable Plug-in version of Type T965. Contacts rated 10 amps at 125 volts—60 cycle AC. Shpg. wt., 6 lbs.
- MS-363 Lots of 6, ea. 23.70. Singly, ea. 25.68



INTERMATIC TIMERS MODEL A211-4 TIME-ALL

• THE AUTOMATIC TIMER WITH THE MIRACLE MEMORY
Makes practically everything electrical completely automatic. Will handle load up to 1650 watts. Turns radio on and off—does not have to be reset each night. Defrosts refrigerator—turns lights on and off—controls roaster, electric blanket, washing machine, coffee makers, vaporizers, etc. 30 min. minimum on time—23 hours maximum. As easy to set as an electric clock. Stands on any surface—can be hung on wall. Easy-to-read 24 hour "day and night" dial. Operates day after day without attention. Special alloy "T". Can be controlled manually without automatic reset. Plug-in receptacle for equipment to be controlled. For 110 volt 60 cycle AC only. Complete with 6 ft. cord and plug. Instructions included. 5 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". Shpg. wt., 2 lbs.

- MS-81 Lots of 6, ea., 7.17. Singly, ea., 7.97
- MODEL A221-4 TIME-ALL Similar to A211 except has capacity of 875 watts. Shpg. wt., 2 lbs.
- MS-359 Lots of 6, ea., 8.57. Singly, ea., 7.29

MODEL A401-4 CLOCK TIMER

Not only tells time, but turns appliances both on and off automatically for periods of 15 minutes to 5 $\frac{1}{2}$ hours. Cooks dinner while you're away, wakes you to music, controls electric fans, heaters, radios, TV sets, etc. No installation problem—just plug it in and set. Capacity 1650 watts. Special alloy "T". Plakson case 4 $\frac{3}{4}$ "x4 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x2 $\frac{1}{4}$ "D. 6 ft. cord. For 110V 60 cycle AC. Guaranteed for 1 year. Shpg. wt., 3 lbs. Price includes excise tax.

- MS-104 Lots of 6, ea., 7.17. Singly, ea., 7.97

"SKIPPER" AIR CONDITIONER TIMER TYPE P371

Portable plug-in timer to automatically turn on or off room air conditioners of 1 HP rating or less. May be set to skip any of seven days. SPST operation rated 15 amperes. For 110-125 volt 60 cycle AC. For single phase 2 wire systems with or without grounding wire. 7 $\frac{3}{4}$ "x5 $\frac{1}{2}$ "x3"D. Gray hammertone finish. With cord set, universal receptacle and 2 to 3 wire adapter. Shpg. wt., 4 $\frac{1}{2}$ lbs.

- MS-812 Lots of 6, ea. 11.97. Singly ea. 12.97
- MODEL P372. Same as above but for 220-250 volt 60 cycle AC. No adapter and 3 prong receptacle. Shpg. wt., 4 $\frac{1}{2}$ lbs.
- MS-813 Lots of 6, ea. 11.97. Singly ea. 12.97

CYCLER TIMER TYPE C-8301-S

Up to 12 sets of ON-OFF trippers may be used to provide repeated operations. ON operations may range from 10 seconds to 11 minutes, 10 seconds, OFF operations from 50 seconds to 11 minutes, 50 seconds. Dial makes complete revolution every 12 minutes. By varying the settings of trippers a vast number of operations are possible. Ideal for ventilating fans, pumps, process timings etc. SPST, rated at 12 amp. For 110-125v. 60 cycle AC. Case 6 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x3" with 2 comb. knockouts on bottom. Shpg. wt., 2 $\frac{1}{2}$ lbs.

- MS-814 Lots of 6, ea. 8.67. Singly ea. 9.39
- EXTRA SET ON-OFF TRIPPERS FOR C-8301-S MS-815 Shpg. wt., 2 oz. Net .48

LAMP-LYTER TYPE T-1101

For automatic ON-OFF lighting control. Easily installed in wall. Combines timer and toggle switch in 1 unit. Minimum "ON" time is 30 minutes. Can also be turned on or off manually. Time cycle resumes automatically. SPST operation, rated at 15 amps, 1650 watts, 1/2 HP. For 110-125V AC, 60 cycle. Attractive design. Cover has magnetic lock, concealed hinges. Cover is 6 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x2", wall box 5 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x1 $\frac{1}{4}$ " with comb. 1/2-3/4" knockouts on each side, top and bottom. Shpg. wt., 4 lbs.

- MS-811 Net 14.27

7 DAY PROGRAM TIMER TYPE V21003

Provides automatic operation preset for each day of week. Can have different settings for each day and skip selected days. Minimum ON-OFF operation 2 hours any day or night. Black case 10 $\frac{3}{4}$ "x5 $\frac{1}{4}$ "x4 $\frac{1}{4}$ ". 3/4" knockouts in sides, back and bottom plus 1" knockout on bottom. DPST operation. Rated 20 amps per pole. For 110-125 volt 60 cycle AC. With 7 sets trippers. Shpg. wt., 6 $\frac{1}{2}$ lbs.

- MS-816 Lots of 6, ea. 22.17. Singly ea. 24.02
- UNIVERSAL ON-OFF TRIPPER FOR V21003 MS-817 Shpg. wt., 2 oz. Net .33

LAFAYETTE SPECIALS RELAY-TIMERS AND COUNTERS

LAFAYETTE SPECIAL!

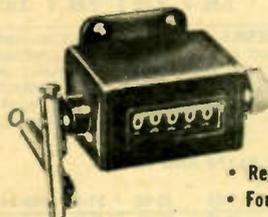
HIGH SENSITIVITY METER RELAY

- METER MOVEMENT
- CLOSES CIRCUIT AT 2 MILS



Extremely sensitive meter type relay. Normally open. Ideally suited for uses with model railroad, photoelectric relay circuit, baby-tenders, remote control toys, remote control boats, fire alarm, and many other practical applications. Precision-built meter movement provides virtually friction-free movement. Contact will close at 2 milliamps. Internal resistance 100 ohms. Meter movement rated 5 ma continuous, 10 ma momentary; contacts rated 500 ma continuous, momentary 1 amp at 3v and 250 ma at 6.v with resistive load. Sensitivity: 2.5-6 mw. Internally adjustable. Relay is enclosed entirely and transparent cover permits observation. Solder pins are placed externally for easy connections. Size: 1-3/4 x 1-5/8 x 1-3/4". Shpg. wt., 8 ozs. Imported
F-482 Net 3.95

5-DIGIT STROKE-ACTUATED RESET COUNTER



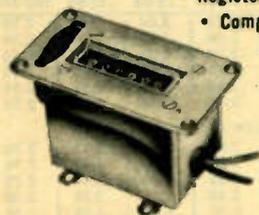
269

- Registers up to 99,999
- For Machine Mounting
- Complete with Arm and Spring

Easy-to-mount rugged counter for counting machine operations. One count per stroke. Drilled mounting flange; actuating arm and spring. May be manually or solenoid actuated. Reads up to 99,999; side knob easily resets to zero from any number. Overall size: 2-1/2 x 1-1/2 x 1-3/8". Shpg. wt., 1/2 lb. Imported
F-190 Reset Counter Net 2.69

6-DIGIT ELECTRIC COUNTER

- Registers from 1 to 999,999
- Compare to \$20.00 Units!
- Ideal for Industrial Use



995

Imagine a 6-digit electric counter for only 9.95! This compact unit features a removable front plate for easy panel mounting. May be actuated by any switch, relay, etc. Operates in any position. White figures on a black background read up to 999,999. Built-in selenium rectifier, DC operated solenoid, chrome-plated case and panel, 6" leads 110V, AC, 50/60 Cycles. Size: 2-1/2 x 2 x 1-3/4". Front plate 3-3/4 x 2". Shpg. wt., 1-1/2 lbs. Imported
F-553 Electric Counter Net 9.95

NEW! POCKET TIMER

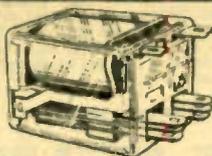
Set It and Forget It

- Set Timer Up to 60 Minutes
- Swiss Precision Watch Movement
- Hairline Accuracy
- Hundreds of Uses

295



The new pocket timer is an invaluable aid for most anyone, anywhere. With its 60 minute time set, it can be used as a reminder when parking meter time runs out, for appointments, take pills or medicines, etc. Also use as a timer on phone calls, cooking, photography, etc. Shpg. wt., 1/2 lb. Imported
MS-888L Net 2.95



SENSITIVE MINIATURE RELAY



ONLY \$2.95 ea.

Extremely small sensitive relay — weighs only 1/2 oz.! Double-pole double-throw, with silver and silver-gold-platinum alloy contacts. Contacts handle up to 100 volts at 300 ma. (30 watts). Coil measures 5300 ohms dc resistance-rated at 4.1 ma. dc. pull-in current, 0.95 ma. dc. drop-out. Enclosed in transparent plastic dust cover; Operating time 2-8 milliseconds.; release time about 1.5 msecs. Breakdown voltage ratings: coil to frame, 500V.; contacts to frame 350V. Measures 1-1/4 x 1-1/4 x 7/8". Ideal for model control, photocell relay, carrier-current control and dozens of other miniature applications. Shpg. wt., 4 oz. Imported
F-332—DPDT Miniature DC Relay Net 2.95
As above, but 4 pole double throw; pull-in current 6.3 ma. dc.; drop-out 3.3 ma. dc. Weighs 2/3 oz. 3/4 x 1-1/2 x 1-1/8". Shpg. wt., 4 oz.
F-333—4P-DT Miniature Relay Net 3.95



TELECHRON TIMER SWITCH

Turn on any Appliance up to 1650 watts.

395

Genuine Telechron mechanism. Complete 12 hour movement. Can be set to turn on any radio, TV or similar electrical appliance at any preset time. Gold finish dial — black lettering. Timer sets from rear. On-off-auto switch in front. Size 3-1/2" square. 1-3/4" deep. Set shaft extends 5-1/2" to rear. SPST switch, rated 15 amps at 115 volts. For 110-120V, 60 cy. AC only. Shpg. wt., 2 lbs. MS-793 Net 3.95

TELECHRON TIMER SWITCH

- Radio — TV — Appliance Timer
- 60 Minute Sleep Switch
- Simple Installation
- Rated to Handle 1650 watt load
- Efficient Accurate Time Control

540

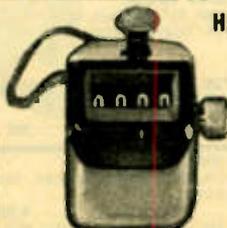


Automatically turns on radios—TV sets—tape recorders "ham" rigs—electrical appliances—at any preset time in a 12 hour period. "Sleep-Switch" allows up to 60 minutes of continuous run prior to "shut-off." Built in alarm for added convenience of "signaling." As easy to set as any electric clock. All controls on front. On-off-auto, 0 to 60 sleep switch, alarm set and time set. Gold finish dial—black lettering. 3-1/2" square bezel. 1-3/4" deep. SPST rated 15 amps at 115 volts, 1650 watt load capacity. For 110-120V. 60 cy. AC only. Shpg. wt., 2 lbs. MS-794 Net 5.40

HAND TALLY REGISTER

229

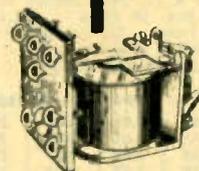
- 4 Digit Capacity
- Counts 0-9999
- Single Turn Reset Knob



Registers 0 to 9999. Highly polished chromium plated brass case. Attached finger-ring and compact shape for comfort in holding. Plunger operated for smooth, easy action. Large, clearly read numerals. Knurled reset knob sets register to zero in one turn. Precision accuracy for lab, school and industrial users. Invaluable for inventory control — gate checking — traffic, etc. Small Size, approximately 1-1/4 x 1-3/8", permits concealed operation. Shpg. wt., 1/2 lb. Imported
F-48 Net 2.29

LITTLE "JEWEL" REMOTE CONTROL RELAY

195



- The Mighty Mite of the R/C Field
- Weighs less than 1/2 oz.!
- Size: 3/4" H, 17/32" W, 1-1/16" L

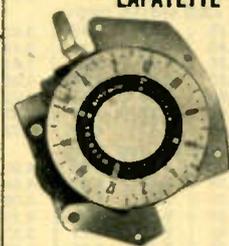
A natural for remote control receivers, it is highly sensitive, and built to withstand severe crashes. The smallest commercial job available, it weighs less than 1/2 oz. Factory adjusted to pull in at 1.4 MA drop out at 1.2 MA D.C. Single pole, double throw. Used in outstanding receivers. 5,000 ohm coil. IMPORTED TO SAVE YOU MONEY.

F-260—Relay Net 1.95

LAFAYETTE SPECIAL

AUTOMATIC TIMER MECHANISM THAT DOES EVERYTHING

595



- Turns Appliances On Or Off
- Never Needs To Be Reset
- Handles 1650 Watts
- Operates From 30 Minute To 23 Hr. Cycle

Makes practically everything electrical completely automatic. Will handle load up to 1650 watts. Turns radio on and off — does not have to be reset each night. Defrosts refrigerator — turns lights on and off — controls roaster, electric blanket, washing machine, coffee makers, vaporizers, etc. 30 min. minimum on time — 23 hours maximum. As easy to set as an electric clock. Easy to read 24 hour "day and night" dial. Operates day after day without attention. Can be controlled manually without automatic reset. For 110 volt 60 cycle AC only. Instructions included. Easily built into any case. 3-1/2 x 4-1/4 x 2-1/2" D. Shpg. wt., 2 lbs. MS-810 Net 5.95

24-HOUR TELECHRON TIMER SWITCH

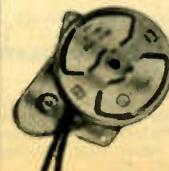


- Complete 24-Hour Movement
- Turns on Appliance at Pre-Set Time
- Famous GE Telechron Mechanism
- Accurate Time Control

489

Automatically turns on any radio, TV or similar electrical appliance at a pre-set time, up to 24 HOURS. Genuine GE Telechron movement is safe and dependable. Gold finish dial with black lettering. On-Off-Auto switch in front; timer sets from rear. Overall size 3-1/2" square; 1-3/4" deep; set shaft extends 5-1/2" to rear. SPST switch; 15 amps @ 115 V. For 110-120 volts. 60 cycle, AC. MS-918 Shpg. wt., 2 lbs. Net 4.89

TIMING MOTOR



Self-starting synchronous motor with lifetime lubrication. Geared to 4 clockwise revolutions per hour. Will retain constant speed even under line voltage variations of 25% Torque load 5 oz. in. maximum. Shaft 1/8" x 3/8" dia. For 110-120 volt 60 cycle AC. Shpg. wt., 9 oz.

MS-932 Intermatic W-160 Net 2.29

POTTER AND BRUMFIELD RELAYS

MR SERIES—Medium duty general-purpose relays for small motors, transmitters, etc. $\frac{1}{2}$ " silver contacts rated 8 amps. except * rated 10 amps. AC coils draw 3.25VA; DC 1.6 Watts. Mounting: two $\frac{1}{8}$ " dia. holes on $\frac{3}{4}$ " centers for MR 3 & 11, 2 $\frac{1}{2}$ " centers for MR 5 & 14. Size: SP types — 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "; DP types — 2x2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "; 3P types — 2x2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". Shpg. wt., 8 oz.

| TYPE MR3A AND MR3D SPST* | | | | | |
|--------------------------|------------|------|-------|-------|---------|
| STOCK NO. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-10 | 6VAC | 3.85 | 3.66 | 3.47 | 2.70 |
| 3RY-11 | 24VAC | 3.85 | 3.66 | 3.47 | 2.70 |
| 3RY-12 | 115VAC | 3.85 | 3.66 | 3.47 | 2.70 |
| 3RY-13 | 6VDC | 3.50 | 3.33 | 3.15 | 2.45 |
| 3RY-14 | 12VDC | 3.50 | 3.33 | 3.15 | 2.45 |
| 3RY-15 | 24VDC | 3.50 | 3.33 | 3.15 | 2.45 |
| | | | | | |
| STOCK NO. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-16 | 6VAC | 3.45 | 3.28 | 3.11 | 2.42 |
| 3RY-17 | 24VAC | 3.45 | 3.28 | 3.11 | 2.42 |
| 3RY-18 | 115VAC | 3.45 | 3.28 | 3.11 | 2.42 |
| 3RY-19 | 230VAC | 3.85 | 3.66 | 3.47 | 2.70 |
| 3RY-20 | 6VDC | 3.20 | 3.04 | 2.88 | 2.24 |
| 3RY-21 | 12VDC | 3.20 | 3.04 | 2.88 | 2.24 |
| 3RY-22 | 24VDC | 3.20 | 3.04 | 2.88 | 2.24 |
| | | | | | |
| STOCK NO. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-23 | 6VAC | 4.85 | 4.61 | 4.37 | 3.40 |
| 3RY-24 | 24VAC | 4.85 | 4.61 | 4.37 | 3.40 |
| 3RY-25 | 115VAC | 4.85 | 4.61 | 4.37 | 3.40 |
| 3RY-26 | 230VAC | 5.25 | 4.99 | 4.73 | 3.68 |
| 3RY-27 | 6VDC | 4.60 | 4.37 | 4.14 | 3.22 |
| 3RY-28 | 12VDC | 4.60 | 4.37 | 4.14 | 3.22 |
| 3RY-29 | 24VDC | 4.60 | 4.37 | 4.14 | 3.22 |
| | | | | | |
| STOCK NO. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-30 | 6VAC | 5.80 | 5.51 | 5.22 | 4.06 |
| 3RY-31 | 24VAC | 5.80 | 5.51 | 5.22 | 4.06 |
| 3RY-32 | 115VAC | 5.80 | 5.51 | 5.22 | 4.06 |
| 3RY-33 | 230VAC | 6.20 | 5.89 | 5.58 | 4.34 |
| 3RY-34 | 6VDC | 5.45 | 5.18 | 4.91 | 3.82 |
| 3RY-35 | 12VDC | 5.45 | 5.18 | 4.91 | 3.82 |
| 3RY-36 | 24VDC | 5.45 | 5.18 | 4.91 | 3.82 |

KHP17011 Series—Small, rugged, 4PDT, designed to meet the exacting requirements of data processing, computer, and process control applications. All have nylon dust cover. $\frac{3}{8}$ " dia. silver contacts rated at 3 amps at 30 VDC or 115 VAC resistive for 100,000 operations. Mtg.: solder terminals with 3-48 stud $\frac{3}{16}$ " long. Adaptable for plug-in or printed circuit applications. Size: 1 $\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ ". Shpg. wt., 2 $\frac{1}{2}$ oz.

| Stock No. | Coil Volts | Coil | | | |
|-----------|------------|------|-------|-------|---------|
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-292 | 6 VDC | 4.80 | 4.56 | 4.32 | 3.36 |
| 3RY-293 | 12 VDC | 4.80 | 4.56 | 4.32 | 3.36 |
| 3RY-294 | 24 VDC | 4.80 | 4.56 | 4.32 | 3.36 |
| 3RY-295 | 48 VDC | 5.00 | 4.75 | 4.50 | 3.50 |
| 3RY-296 | 90 VDC | 5.60 | 5.32 | 5.04 | 3.92 |
| 3RY-297 | 110 VDC | 5.60 | 5.32 | 5.04 | 3.92 |

Solder terminal socket & retaining ring
 3RY-298 .60 .57 .54
 Printed Circuit terminal socket
 3RY-299 .60 .57 .54

ABC SERIES—For small motors, industrial controls and other medium power uses. DPDT silver contacts rated at 10 amps. With dust cover, snap on screw connectors. Mtg: 1—No. 8-32 stud $\frac{3}{16}$ " long. Size: 1 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". $\frac{1}{4}$ " dia. silver contacts. Shpg. wt., 12 oz.

| STOCK NO. | COIL VOLTS | COIL | | | |
|-----------|------------|------|-------|-------|---------|
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-67 | 6VAC | 6.40 | 6.08 | 5.76 | 4.48 |
| 3RY-68 | 24VAC | 6.40 | 6.08 | 5.76 | 4.48 |
| 3RY-69 | 115VAC | 6.40 | 6.08 | 5.76 | 4.48 |
| 3RY-70 | 230VAC | 6.80 | 6.46 | 6.12 | 4.76 |
| 3RY-71 | 110VDC | 6.80 | 6.46 | 6.12 | 4.76 |

DIAMOND SPATULA

• A PRECISION TOOL FOR CLEANING RELAYS AND ALL TYPES OF CONTACTS

By utilizing diamond particles as the abrasive element, so little pressure is required to do an effective cleaning job that normal gap is unaffected. Tight pressure removes less than 1 micron and leaves clean polished surface with minimum of time and effort. 6" long. Shpg. wt., 3 oz.

POWER TYPE RELAYS

PR SERIES—For heavy duty industrial control use. Silver contacts rated at 25 amps. A.C. coils for 60 cps. Mtg: Two $\frac{3}{8}$ " diam. on 1 $\frac{1}{2}$ " centers. Size, 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x3 $\frac{1}{2}$ ". All AC & DC units UL approved. Av. Shpg. wt., 12 oz.



| TYPE PR3AY AND PR3D + SPST* | | | | | |
|-----------------------------|------------|------|-------|-------|---------|
| STOCK No. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-37 | 6 VAC | 4.15 | 3.94 | 3.74 | 2.91 |
| 3RY-38 | 24 VAC | 4.15 | 3.94 | 3.74 | 2.91 |
| 3RY-39 | 115 VAC | 4.15 | 3.94 | 3.74 | 2.91 |
| 3RY-40 | 230 VAC | 4.50 | 4.28 | 4.05 | 3.15 |
| 3RY-41 | 110 VDC | 4.75 | 4.51 | 4.28 | 3.33 |
| | | | | | |
| STOCK NO. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-42 | 6 VAC | 4.35 | 4.13 | 3.92 | 3.05 |
| 3RY-43 | 24 VAC | 4.35 | 4.13 | 3.92 | 3.05 |
| 3RY-44 | 115 VAC | 4.35 | 4.13 | 3.92 | 3.05 |
| 3RY-45 | 230 VAC | 4.75 | 4.51 | 4.28 | 3.33 |
| 3RY-46 | 110 VDC | 4.95 | 4.70 | 4.46 | 3.47 |
| | | | | | |
| STOCK NO. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-47 | 6 VAC | 4.90 | 4.66 | 4.41 | 3.43 |
| 3RY-48 | 24 VAC | 4.90 | 4.66 | 4.41 | 3.43 |
| 3RY-49 | 115 VAC | 4.90 | 4.66 | 4.41 | 3.43 |
| 3RY-50 | 230 VAC | 5.35 | 5.08 | 4.82 | 3.75 |
| 3RY-51 | 110 VDC | 5.50 | 5.23 | 4.95 | 3.85 |
| | | | | | |
| STOCK NO. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-52 | 6VAC | 6.45 | 6.13 | 5.81 | 4.52 |
| 3RY-53 | 24VAC | 6.45 | 6.13 | 5.81 | 4.52 |
| 3RY-54 | 115VAC | 6.45 | 6.13 | 5.81 | 4.52 |
| 3RY-55 | 230VAC | 6.95 | 6.60 | 6.26 | 4.87 |
| 3RY-56 | 110VDC | 7.05 | 6.70 | 6.35 | 4.94 |

PLATE CIRCUIT AND SENSITIVE RELAYS

G8 SERIES—Sensitivity 115 mw for S.P.D.T., 125 mw for P.D.P.T., and 275 mw for 4P.D.T. Contacts rated at 5 amps. Pull in not adjustable. Mtg.: No. 8-32 tapped core and locating boss. Contact $\frac{3}{16}$ " dia. silver. size: 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". Shpg. wt., 6 oz.

| Stock No. | Coil Ohms | COIL | | | | |
|-----------|-----------|------|-------|-------|---------|------|
| | | 1-24 | 25-50 | 51-99 | 100-249 | |
| 3RY-283 | 2,500 | 6.8 | 3.45 | 3.28 | 3.11 | 2.42 |
| 3RY-284 | 5,000 | 4.8 | 3.60 | 3.42 | 3.24 | 2.52 |
| 3RY-285 | 10,000 | 3.4 | 4.10 | 3.90 | 3.69 | 2.87 |

TYPE GB5D - SPDT

| STOCK NO. | COIL VOLTS | COIL | | | | |
|-----------|------------|------|-------|-------|---------|------|
| | | 1-24 | 25-50 | 51-99 | 100-249 | |
| 3RY-286 | 2,500 | 7 | 4.85 | 4.61 | 4.37 | 3.30 |
| 3RY-287 | 5,000 | 5 | 4.95 | 4.70 | 4.46 | 3.47 |
| 3RY-288 | 10,000 | 3.53 | 5.50 | 5.23 | 4.95 | 3.85 |

TYPE GB110 DPDT

| STOCK NO. | COIL VOLTS | COIL | | | | |
|-----------|------------|------|-------|-------|---------|------|
| | | 1-24 | 25-50 | 51-99 | 100-249 | |
| 3RY-289 | 2,500 | 10.5 | 5.80 | 5.51 | 5.22 | 4.06 |
| 3RY-290 | 5,000 | 7.4 | 5.95 | 5.66 | 5.36 | 4.17 |
| 3RY-291 | 10,000 | 5.25 | 6.40 | 6.08 | 5.76 | 4.48 |

AB SERIES—For appliance and general purpose operations. Rugged and quiet DPDT silver contacts, rated at 10 amps. Mtg: 2-No 8-32 tapped holes on 1 $\frac{1}{4}$ " centers. Size: 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x3". Av. Shpg. wt., 8 oz. AC MODELS, UL APP

| STOCK NO. | COIL VOLTS | COIL | | | |
|-----------|------------|------|-------|-------|---------|
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-78 | 6VAC | 5.30 | 5.04 | 4.77 | 3.71 |
| 3RY-79 | 24VAC | 5.30 | 5.04 | 4.77 | 3.71 |
| 3RY-80 | 115VAC | 5.30 | 5.04 | 4.77 | 3.71 |
| 3RY-81 | 230VAC | 5.70 | 5.42 | 5.13 | 3.99 |
| 3RY-82 | 110VDC | 5.70 | 5.42 | 5.13 | 3.99 |

POTTER & BRUMFIELD RELAY COVERS

TYPE 350013. Steel base, aluminum cover in gray hammer-tone baked enamel. Knockouts for $\frac{1}{2}$ " conduit. For PR type relays. Shpg. wt., 1 lb.
3RY-260 3.00
TYPE 350130. Similar for types MR, MS and SP relays. Shpg. wt., 1 lb.
3RY-261 1.90

| 3 TYPES AVAILABLE | | | | | |
|--|--|------|-------|-------|---------|
| TYPE | DESCRIPTION | 1-24 | 25-50 | 51-99 | 100-249 |
| TYPE 200. | 55/100 mm. thick, 2 diamond surfaces. For industrial relays and contactors. | | | | |
| HD-825 | | | | 4.95 | |
| TYPE 300. | Same as above for intermediate relays, telephone relays, etc. | | | | |
| HD-826 | | | | 4.95 | |
| TYPE 400. | 25/100mm. thick—Single diamond surface. Specially designed for sensitive relays and individual cleaning of closely set contacts. | | | | |
| HD-827 | | | | 4.95 | |
| Kit of 3, one each of above in plastic case. | | | | | |
| Shpg. wt., 1/2 lb. | | | | | |
| HD-828 | | | | 14.85 | |

BUILD YOUR OWN RELAY

GP SERIES—Extreme versatility is afforded by this series of separate AC, DC coils and DPDT or 4PDT switches. Combine to form 20 different relays. Ideal for lab and experiment work. $\frac{3}{16}$ " dia. silver contacts. AC coils for 60 cps. Size of assembled relay, 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". Av. Shpg. wt., 4 oz.



| TYPE GPA AND GPD COILS | | | | | |
|------------------------|------------|----------|-------|-------|---------|
| STOCK No. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-208 | 6VAC | 1.65 | 1.57 | 1.49 | 1.16 |
| 3RY-209 | 24VAC | 1.65 | 1.57 | 1.49 | 1.16 |
| 3RY-210 | 115VAC | 1.65 | 1.57 | 1.49 | 1.16 |
| 3RY-211 | 230VAC | 2.10 | 2.00 | 1.89 | 1.47 |
| 3RY-212 | 6VDC | 2.10 | 2.00 | 1.89 | 1.47 |
| 3RY-213 | 12VDC | 2.10 | 2.00 | 1.89 | 1.47 |
| 3RY-214 | 24VDC | 2.10 | 2.00 | 1.89 | 1.47 |
| 3RY-215 | 110VDC | 3.15 | 2.99 | 2.84 | 2.21 |
| 3RY-216 | 2500 ohms | 1.50 | 1.43 | 1.35 | 1.05 |
| 3RY-600 | 5000 ohms | 1.75 | 1.66 | 1.58 | 1.23 |
| 3RY-217 | 10K ohms | 2.90 | 2.00 | 1.89 | 1.47 |
| | | | | | |
| STOCK No. | TYPE | SWITCHES | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-218 | GP11-DPDT | 1.70 | 1.62 | 1.53 | 1.19 |
| 3RY-219 | GP17-4PDT | 2.95 | 2.80 | 2.66 | 2.07 |

KL SERIES—Compact, versatile multiple contact relays. Varied contact combinations and high dielectric phenolic insulation, $\frac{1}{8}$ " dia. 4PDT silver contacts rated at 5 amps. Mtg: 2-No. 6-32 tapped holes on 1 $\frac{1}{2}$ " centers. Size, 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". Shpg. wt., 8 oz.



| TYPE KL17A AND KL17D | | | | | |
|----------------------|------------|------|-------|-------|---------|
| STOCK No. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-221 | 24VAC | 6.30 | 5.99 | 5.67 | 4.41 |
| 3RY-222 | 115VAC | 6.30 | 5.99 | 5.67 | 4.41 |
| 3RY-223 | 24VDC | 6.00 | 5.70 | 5.40 | 4.20 |

KA SERIES—low power loads such as small motors, solenoids and general automation work. Silver contacts rated at 5 amps. Moisture and shock resistant. AC coil for 60 cps. Mtg: 1 No. 6-32 stud and locating tab. Size: 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". Shpg. wt., 6 oz.



| TYPE KASAY AND KA5D SPDT | | | | | |
|--------------------------|------------|------|-------|-------|---------|
| STOCK No. | COIL VOLTS | COIL | | | |
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-105 | 6VAC | 3.20 | 3.04 | 2.88 | 2.24 |
| 3RY-106 | 24VAC | 3.20 | 3.04 | 2.88 | 2.24 |
| 3RY-107 | 115VAC | 3.20 | 3.04 | 2.88 | 2.24 |
| 3RY-108 | 6VDC | 3.05 | 2.90 | 2.75 | 2.14 |
| 3RY-109 | 12VDC | 3.05 | 2.90 | 2.75 | 2.14 |
| 3RY-110 | 24VDC | 3.05 | 2.90 | 2.75 | 2.14 |

TYPE KA11AY AND KA11D DPDT

| STOCK NO. | COIL VOLTS | COIL | | | |
|-----------|------------|------|-------|-------|---------|
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-111 | 6VAC | 3.85 | 3.66 | 3.47 | 2.70 |
| 3RY-112 | 24VAC | 3.85 | 3.66 | 3.47 | 2.70 |
| 3RY-113 | 115VAC | 3.85 | 3.66 | 3.47 | 2.70 |
| 3RY-114 | 6VDC | 3.40 | 3.23 | 3.06 | 2.38 |
| 3RY-115 | 12VDC | 3.40 | 3.23 | 3.06 | 2.38 |
| 3RY-116 | 24VDC | 3.40 | 3.23 | 3.06 | 2.38 |

TYPE KA14AY AND KA14D 3PDT

| STOCK NO. | COIL VOLTS | COIL | | | |
|-----------|------------|------|-------|--------|---------|
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-117 | 6VAC | 4.25 | 4.04 | 3.83 | 2.98 |
| 3RY-118 | 24VAC | 4.25 | 4.04 | 3.83 | 2.98 |
| 3RY-119 | 115VAC | 4.25 | 4.04 | 3.83</ | |

POTTER AND BRUMFIELD RELAYS

PLATE CIRCUIT AND SENSITIVE RELAYS

KCP SERIES. Plate circuit relays, enclosed in polystyrene cases. Sensitivity 125 mw (single pole). Silver contacts rated at 2 amps. Mtg. std. octal plug-in type, 8 pin for all except KCP 14's 11 pins. Size, 2x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 5 oz. Specify coil.



PW SERIES. Precision lightweight hermetically sealed DC relays for aircraft and missile use. Sensitivity: 40 mw for current actuated units, 180 mw for voltage actuated units. Withstands 10G vibration to 500 cps. SPDT silver contacts rated at 2 amps. Mtg.: std. 7 pin miniature tube socket. Size 3/4 dia. x 1 $\frac{1}{16}$ ". *Plate circuit type. Av. shpg. wt., 4 oz.



KRP SERIES. Versatile multi-contact relays. Enclosed in cellulose acetate dust cover. Standard octal-type plug (8 pin) for KRP5's and KRP11's, 11 pin for KRP14's. Silver contacts rated at 10 amps. Size 2x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 5 oz.

TYPE KCP5 SPDT

| Stock No. | Coil Ohms | Coil Ma. | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|-----------|----------|------|-------|-------|---------|
| 3 RY-135 | 2500 | 7.2 | 5.90 | 5.61 | 5.31 | 4.13 |
| 3 RY-136 | 5000 | 5.0 | 6.00 | 5.70 | 5.40 | 4.20 |
| 3 RY-137 | 10000 | 3.6 | 6.40 | 6.08 | 5.76 | 4.48 |

TYPE KCP11 DPDT

| Stock No. | Coil Ohms | Coil Ma. | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|-----------|----------|------|-------|-------|---------|
| 3 RY-138 | 2500 | 10.0 | 6.30 | 5.99 | 5.67 | 4.41 |
| 3 RY-139 | 5000 | 7.2 | 6.40 | 6.08 | 5.76 | 4.48 |
| 3 RY-140 | 10000 | 5.0 | 6.80 | 6.46 | 6.12 | 4.76 |

TYPE KCP14 3PDT

| Stock No. | Coil Ohms | Coil Ma. | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|-----------|----------|------|-------|-------|---------|
| 3 RY-141 | 2500 | 12.3 | 7.75 | 7.36 | 6.98 | 5.43 |
| 3 RY-142 | 5000 | 8.7 | 7.85 | 7.46 | 7.07 | 5.50 |
| 3 RY-143 | 10000 | 6.1 | 8.25 | 7.84 | 7.43 | 5.78 |

Amphenol 146-103 sockets. For KCP relays except KCP14's. Bainer type octal sockets. Meets N.E.M.S. and U.L. requirements. Mtg. centers 1 $\frac{1}{16}$ ". Shpg. wt., 5 oz.

CM-226 Net 1.44
Amphenol 77 M1P11 sockets. 11 pin socket for KCP14's. With retainer ring. Requires 1 $\frac{1}{16}$ " hole. Shpg. wt., 2 oz.

CM-75 Net .20
TYPE LB5. Low cost, fast-acting units. Breakdown 500 V. rms min. SPDT silver contacts rated at 5 amps. Mtg.: Two 3/16" dia. holes on 2 $\frac{1}{2}$ " centers. Size 1 $\frac{1}{2}$ x1 $\frac{1}{4}$ x2 $\frac{1}{4}$ ". For DC only. Shpg. wt., 5 oz.

| Stock No. | Coil Ohms | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|-----------|------|-------|-------|---------|
| 3 RY-144 | 2500 | 2.45 | 2.33 | 2.21 | 1.72 |
| 3 RY-145 | 5000 | 2.65 | 2.52 | 2.39 | 1.86 |
| 3 RY-146 | 10000 | 2.85 | 2.71 | 2.57 | 2.00 |

LM SERIES. High quality plate circuit relays with sensitivity of 100 mw for single pole. (SP) 200 mv for DP. Adjustable pull-in. Silver contacts rated at 5 amps, 115 v., 60 cps. Action: LM5's are SPDT; LM11's, DPDT. Mtg.: 2-No. 6-32 tapped holes on 1 $\frac{1}{2}$ " centers. Size 2 $\frac{1}{2}$ x2 $\frac{1}{4}$ x2 $\frac{1}{4}$ ". Shpg. wt., 9 oz.

TYPE LM5 SPDT

| Stock No. | Coil Ohms | Coil Ma. | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|-----------|----------|------|-------|-------|---------|
| 3 RY-147 | 2500 | 6.3 | 3.90 | 3.70 | 3.50 | 2.73 |
| 3 RY-148 | 5000 | 4.5 | 4.10 | 3.90 | 3.69 | 2.87 |
| 3 RY-149 | 10000 | 3.2 | 4.40 | 4.18 | 3.96 | 3.08 |

TYPE LM11 DPDT

| Stock No. | Coil Ohms | Coil Ma. | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|-----------|----------|------|-------|-------|---------|
| 3 RY-150 | 2500 | 9.0 | 5.55 | 5.27 | 5.00 | 3.89 |
| 3 RY-151 | 5000 | 6.3 | 5.75 | 5.46 | 5.18 | 4.02 |
| 3 RY-152 | 10000 | 4.5 | 6.30 | 5.99 | 5.67 | 4.41 |

TYPE P CASE
Type 350070. Clear Case with Octal plug as used in KRP Relays. Ideal for mounting rectifiers, resistors and small components. Complete with 4 screws. Shpg. wt., 4 oz.
RY-262 Net .55
Type 350072. Same as above but with 11 Pin plug.
RY-263 Net .70

MG SERIES — Subminiature telephone type relay for aircraft, computer, and other applications requiring good shock and vibration characteristics. Silver contacts rated at 2 amps. All are open except * are enclosed. Mtg. 4 tapped 3-48 holes on 3/8x3/8" centers. Size: 1 $\frac{1}{2}$ x1 $\frac{1}{4}$ x1 $\frac{1}{4}$ ". Shpg. wt., 6 oz.

TYPE MG11D DPDT

| Stock No. | Coil Volts | 1-24 each | 25-50 each | 51-99 each | 100-249 each |
|-----------|------------|-----------|------------|------------|--------------|
| 3 RY-245 | 6VDC | 5.20 | 4.94 | 4.68 | 3.64 |
| 3 RY-246 | 12VDC | 5.20 | 4.94 | 4.68 | 3.64 |
| 3 RY-247 | 24VDC | 5.20 | 4.94 | 4.68 | 3.64 |
| 3 RY-248 | 110VDC | 5.65 | 5.37 | 5.08 | 3.96 |

TYPE MG17D 4PDT

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|------|-------|-------|---------|
| 3RY-249 | 6VDC | 6.95 | 6.60 | 6.26 | 4.87 |
| 3RY-250 | 12VDC | 6.95 | 6.60 | 6.26 | 4.87 |
| 3RY-251 | 24VDC | 6.95 | 6.60 | 6.26 | 4.87 |
| 3RY-252 | 110VDC | 7.40 | 7.03 | 6.66 | 5.18 |

TYPE MG17DP 4PDT

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|-------|-------|-------|---------|
| 3 RY-253 | 6VDC | 11.55 | 10.97 | 10.40 | 8.09 |
| 3 RY-254 | 12VDC | 11.55 | 10.97 | 10.40 | 8.09 |
| 3 RY-255 | 24VDC | 11.55 | 10.97 | 10.40 | 8.09 |
| 3 RY-256 | 110VDC | 12.15 | 11.54 | 10.94 | 8.50 |

TYPE PW5DS

| Stock No. | Coil V or Ma. | Coil Ohms | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|---------------|-----------|-------|-------|-------|---------|
| 3RY-153 | 6V | 202 | 10.25 | 9.75 | 9.23 | 7.18 |
| 3RY-154 | 12V | 810 | 10.25 | 9.75 | 9.23 | 7.18 |
| 3RY-155 | 24V | 3240 | 10.25 | 9.75 | 9.23 | 7.18 |

TYPE PW5L5*

| Stock No. | Coil V or Ma. | Coil Ohms | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|---------------|-----------|-------|-------|-------|---------|
| 3RY-156 | 2.8MA | 5000 | 10.60 | 10.07 | 9.54 | 7.42 |
| 3RY-157 | 2MA | 10000 | 11.00 | 10.45 | 9.90 | 7.70 |

TYPE RS50. Low cost. Lightweight, sensitive relays for radiosonde, light dimmer and model uses. 60mw sensitivity. SPDT bar palladium contacts rated at 2 amps. Mtg.: Two 4-40 holes on 3/4"x3/8" centers. Size: 1 $\frac{1}{2}$ x1 $\frac{1}{4}$ x1 $\frac{1}{4}$ ". Av. shpg. wt., 3 oz.



| Stock No. | Coil V or Ma. | Coil Ohms | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|---------------|-----------|------|-------|-------|---------|
| 3RY-158 | 6V | 335 | 2.60 | 2.47 | 2.34 | 1.82 |
| 3RY-159 | 5.0MA | 2500 | 2.85 | 2.71 | 2.57 | 2.00 |
| 3RY-160 | 3.5MA | 5000 | 3.15 | 2.99 | 2.84 | 2.21 |
| 3RY-161 | 2.5MA | 10000 | 3.60 | 3.42 | 3.24 | 2.52 |

SM SERIES. Midget, sensitive, hermetically sealed relays, for computers, model airplanes and similar uses. SPDT silver-rhodium contacts rated at 1/4 amp. non-inductive. Extremely long life. Mtg.: std. 7-pin miniature tube socket. Size 3/4 dia. 1 $\frac{1}{16}$ ". *Current-actuated, plate circuit type. Av. shpg. wt., 3 oz.

TYPE SM5DS

| Stock No. | Coil V or Ma. | Coil Ohms | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|---------------|-----------|------|-------|-------|---------|
| 3RY-162 | 6VDC | 80 | 6.25 | 5.94 | 5.62 | 4.38 |
| 3RY-163 | 24VDC | 900 | 6.25 | 5.94 | 5.62 | 4.38 |

TYPE SM5LS*

| Stock No. | Coil V or Ma. | Coil Ohms | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|---------------|-----------|------|-------|-------|---------|
| 3RY-164 | 3.9 MA | 5000 | 6.55 | 6.22 | 5.89 | 4.59 |
| 3RY-165 | 2.7MA | 10,000 | 7.00 | 6.65 | 6.30 | 4.90 |

TYPE SS50. Ultra sensitive precision 1 ma relays ideal for all low energy circuits such as instruments and bridge balancing. Dual series coils with balanced armature. Sensitivity, 10 mw. Coil ohms, 10,000. Silver contacts. Mtg.: 2-No. 6-32 tapped holes on 3/8" centers. Size 1 $\frac{1}{2}$ x1 $\frac{1}{4}$ x1 $\frac{1}{4}$ ". Shpg. wt., 8 oz.

| Stock No. | Coil Ohms | 1-24 | 25-50 | 51-99 | 100-249 |
|--------------------|-----------|--------------|-------|-------|---------|
| 3 RY-166, 1-24 ea. | 12.60 | 25.50, | ea. | 11.97 | |
| 51-99, ea. | 11.34 | 100-249, ea. | | 8.82 | |

HOLD DOWN SPRING
Type 9-KR-15. Durable stainless steel spring fits all KCP or KRP plug-in relays. Insures secure mounting in any position.
3RY-264 ea. Net .10

TELEPHONE TYPE RELAYS

MH SERIES. Miniature type. Silver contacts rated at 5 amps except * are 3 amps. ALL 4PDT except DPDT. * Sealed. Mtg.: MH11L's No. 6-32 tapped stud plus locating boss; all other models, 4-No. 3-48 holes on 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " centers except sealed models 3 No. 6-32 NC2 threaded studs on 1 $\frac{1}{4}$ " to 1 $\frac{1}{2}$ " centers. 1 $\frac{1}{2}$ x1 $\frac{1}{4}$ x1 $\frac{1}{4}$ " (open); 2 $\frac{1}{2}$ x1 $\frac{1}{4}$ x1 $\frac{1}{4}$ " (sealed). Shpg. wt., 5 oz. (open), 6 oz. (sealed). MH11 series 4.5 MA.

TYPE MH17D

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|------|-------|-------|---------|
| 3RY-237 | 6VDC | 5.45 | 5.18 | 4.91 | 3.82 |
| 3RY-238 | 24VDC | 5.45 | 5.18 | 4.91 | 3.82 |

TYPE MH17AM1 AND MH17DM1

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|-------|-------|-------|---------|
| 3RY-239 | 24VAC | 23.60 | 22.42 | 21.24 | 16.52 |
| 3RY-240 | 115VAC | 17.95 | 17.05 | 16.15 | 12.56 |
| 3RY-241 | 6VDC | 11.00 | 10.45 | 9.90 | 7.70 |
| 3RY-242 | 24VDC | 11.00 | 10.45 | 9.90 | 7.70 |

| Stock No. | P & B Type No. | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|----------------|------|-------|-------|---------|
| 3RY-243 | MH11L* | 5.45 | 5.18 | 4.91 | 3.82 |
| 3RY-244 | MH11LM* | 9.20 | 8.74 | 8.28 | 6.44 |

TYPE KRP5AG AND KRP5DG SPDT

| Stock No. | Coil Volts | 1-24 each | 25-50 each | 51-99 each | 100-249 each |
|-----------|------------|-----------|------------|------------|--------------|
| 3RY-87 | 6VAC | 5.55 | 5.27 | 5.00 | 3.85 |
| 3RY-88 | 24VAC | 5.55 | 5.27 | 5.00 | 3.85 |
| 3RY-89 | 115VAC | 5.55 | 5.27 | 5.00 | 3.85 |
| 3RY-90 | 6VDC | 5.50 | 5.23 | 4.95 | 3.85 |
| 3RY-91 | 12VDC | 5.50 | 5.23 | 4.95 | 3.85 |
| 3RY-92 | 24VDC | 5.50 | 5.23 | 4.95 | 3.85 |

TYPE KRP11AG AND KRP11DG DPDT

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|------|-------|-------|---------|
| 3RY-93 | 6VAC | 6.25 | 5.94 | 5.63 | 4.38 |
| 3RY-94 | 12VAC | 6.25 | 5.94 | 5.63 | 4.38 |
| 3RY-95 | 115VAC | 6.25 | 5.94 | 5.63 | 4.38 |
| 3RY-96 | 6VDC | 6.20 | 5.89 | 5.58 | 4.34 |
| 3RY-97 | 12VDC | 6.20 | 5.89 | 5.58 | 4.34 |
| 3RY-98 | 24VDC | 6.20 | 5.89 | 5.58 | 4.34 |

TYPE KRP14AG AND KRP14DG 3PDT

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|------|-------|-------|---------|
| 3RY-99 | 6VAC | 7.80 | 7.41 | 7.02 | 5.46 |
| 3RY-100 | 24VAC | 7.80 | 7.41 | 7.02 | 5.46 |
| 3RY-101 | 115VAC | 7.80 | 7.41 | 7.02 | 5.46 |
| 3RY-102 | 6VDC | 7.75 | 7.36 | 6.98 | 5.43 |
| 3RY-103 | 12VDC | 7.75 | 7.36 | 6.98 | 5.43 |
| 3RY-104 | 24VDC | 7.75 | 7.36 | 6.98 | 5.43 |

Amphenol 146-103 Sockets. For KRP relays except KRP-14's. Barrier type octal sockets. Meets N.E.M.A. and UL requirements. Mtg. Centers. 1 $\frac{1}{16}$ ". Shpg. wt., 5 oz.
CM-226 Net 1.44

Amphenol 77M1P11 Sockets. 11 pin socket for KRP 14 relays. With retainer ring. Requires 1 $\frac{1}{16}$ " hole. Shpg. wt., 2 oz.
CM-75 Net .20

NEON INDICATOR RELAYS
KRP11AN and KRP11DN — Incorporate NE-2 Neon lamp to indicate current or voltage availability in power circuit. DPDT silver contacts rated at 10 amps. Clear dust cover. Base has standard octal plug. Uses same socket as KRP series. Shpg. wt., 5 oz.

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|------|-------|-------|---------|
| 3RY-271 | 6VAC | 7.15 | 6.79 | 6.54 | 5.00 |
| 3RY-272 | 12VAC | 7.15 | 6.79 | 6.54 | 5.00 |
| 3RY-273 | 24VAC | 7.15 | 6.79 | 6.54 | 5.00 |
| 3RY-265 | 115VAC | 7.15 | 6.79 | 6.54 | 5.00 |
| 3RY-274 | 230VAC | 7.55 | 7.17 | 6.80 | 5.29 |
| 3RY-275 | 6VDC | 7.10 | 6.74 | 6.39 | 4.97 |
| 3RY-276 | 12VDC | 7.10 | 6.74 | 6.39 | 4.97 |
| 3RY-277 | 24VDC | 7.10 | 6.74 | 6.39 | 4.97 |
| 3RY-278 | 110VDC | 7.70 | 7.32 | 6.93 | 5.39 |

BU BUZZER
AC operated coil with spring steel armature. Nominal power 4.6VA. Mtg.: 6-32 tapped core. Size 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ ". Shpg. wt., 3 oz.

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|------|-------|-------|---------|
| 3RY-279 | 6V | 1.70 | 1.62 | 1.53 | 1.19 |
| 3RY-280 | 12V | 1.70 | 1.62 | 1.53 | 1.19 |
| 3RY-281 | 24V | 1.70 | 1.62 | 1.53 | 1.19 |
| 3RY-282 | 115V | 1.70 | 1.62 | 1.53 | 1.19 |

Type MB30. Miniature DC contactors. Silver contacts rated at 60 amps; solder terminals. All are SPST-NO-DB. Mtg.: 4-No. 3-48 holes on 3/8x3/8" centers. Size: 1 $\frac{1}{2}$ x1 $\frac{1}{4}$ x1 $\frac{1}{4}$ ". Shpg. wt., 6 oz.

| Stock No. | Coil Volts | 1-24 | 25-50 | 51-99 | 100-249 |
|-----------|------------|------|-------|-------|---------|
| 3RY-83 | 6VDC | | | | |

POTTER & BRUMFIELD RELAYS

P AND B SPECIAL PURPOSE RELAYS

LATCHING TYPE RELAYS



PC SERIES Latching Relays, Single Coil impulse latching relays for on-off and current reversal switching on alternate pulses. Operates on 30 millisecond pulses to the coil. Gold-flashed silver cadmium oxide contacts rated at 7.5 amps. Mtg: 2- $\frac{3}{32}$ " dia. holes on 2- $\frac{1}{2}$ " centers. Size 2- $\frac{3}{32}$ "x2- $\frac{1}{4}$ "x2- $\frac{1}{2}$ " Shpg. wt., 10 oz.

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|------|------|-------|------|-------|------|---------|------|
| | | Each | Each | Each | Each | Each | Each | Each | Each |
| 3RY-200 | 6VAC | 5.50 | 5.23 | 4.95 | 3.85 | | | | |
| 3RY-201 | 24VAC | 5.50 | 5.23 | 4.95 | 3.85 | | | | |
| 3RY-202 | 115VAC | 5.50 | 5.23 | 4.95 | 3.85 | | | | |
| 3RY-203 | 24 VDC | 5.35 | 5.06 | 4.82 | 4.75 | | | | |

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|------|------|-------|------|-------|------|---------|------|
| | | Each | Each | Each | Each | Each | Each | Each | Each |
| 3RY-205 | 24VAC | 7.60 | 7.22 | 6.84 | 5.32 | | | | |
| 3RY-206 | 115VAC | 7.60 | 7.22 | 6.84 | 5.32 | | | | |
| 3RY-207 | 24VDC | 7.45 | 7.08 | 6.71 | 5.22 | | | | |

RATCHET IMPULSE RELAYS

AP Series, Reliable compact unit requiring on-off or reversing action on alternate operations. Positive ratchet operation at all speeds on impulses as short as 60 ms. Intermittent operation only. Mtg: three $\frac{3}{32}$ " dia. holes on 3- $\frac{3}{8}$ "x $\frac{7}{8}$ " triangular centers. Contacts $\frac{3}{16}$ " dia. silver. Rated at 5 amps. Size: 3- $\frac{3}{8}$ "x2- $\frac{1}{2}$ "x $\frac{1}{2}$ ". Shpg. wt., 9 oz.

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|------|------|-------|------|-------|------|---------|------|
| | | Each | Each | Each | Each | Each | Each | Each | Each |
| 3RY-601 | 6 VAC | 8.70 | 8.27 | 7.83 | 6.09 | | | | |
| 3RY-602 | 12 VAC | 8.70 | 8.27 | 7.83 | 6.09 | | | | |
| 3RY-603 | 24 VAC | 8.70 | 8.27 | 7.83 | 6.09 | | | | |
| 3RY-604 | 115 VAC | 8.70 | 8.27 | 7.83 | 6.09 | | | | |
| 3RY-605 | 230 VAC | 9.15 | 8.69 | 8.24 | 6.41 | | | | |
| 3RY-606 | 6 VDC | 8.70 | 8.27 | 7.83 | 6.09 | | | | |
| 3RY-607 | 24 VDC | 8.70 | 8.27 | 7.83 | 6.09 | | | | |
| 3RY-608 | 110 VDC | 9.35 | 8.88 | 8.41 | 6.55 | | | | |

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|-------|-------|-------|------|-------|------|---------|------|
| | | Each | Each | Each | Each | Each | Each | Each | Each |
| 3RY-609 | 6 VAC | 10.50 | 9.98 | 9.45 | 7.35 | | | | |
| 3RY-610 | 24 VAC | 10.50 | 9.98 | 9.45 | 7.35 | | | | |
| 3RY-611 | 115 VAC | 10.50 | 9.98 | 9.45 | 7.35 | | | | |
| 3RY-612 | 230 VAC | 10.95 | 10.41 | 9.86 | 7.67 | | | | |
| 3RY-613 | 6 VDC | 10.50 | 9.98 | 9.45 | 7.35 | | | | |
| 3RY-614 | 12 VDC | 10.50 | 9.98 | 9.45 | 7.35 | | | | |
| 3RY-615 | 24 VDC | 10.50 | 9.98 | 9.45 | 7.35 | | | | |
| 3RY-616 | 110 VDC | 11.15 | 10.60 | 10.04 | 7.81 | | | | |

MERCURY-WETTED CONTACT RELAYS



Have rare long life, high speed and exceptional dependability. Hermetically sealed arrangement of contacts, reed armature and small reservoir of mercury does away with contact bounce, chatter, pits and welds. Positive make or break everytime. Contacts rated 500 volts and 5 amps. Operating time as short as 3 milliseconds for SP (JM1), 4 milliseconds for DP (JM2) and 5 milliseconds for 4P (JM4) relays. Contact resistance 25 to 50 milliohms; Coil: 2 to 25000 ohms. Temperatures: -39° C (mercury freezes), 107° C (potting softens). All have octal bases except * have 14 pin base and + have hook solder base. In steel case. Size SP (JM1) 1.105" dia x 2.636"H; DP (JM2) 1- $\frac{1}{2}$ " dia. x 3- $\frac{1}{8}$ " H; DP (JM4) 1- $\frac{1}{2}$ " dia. x 3- $\frac{3}{8}$ " H. * = Dual Coil; † Pin 6 connected to base.

| Stock No. | Ohms | Coil Characteristics | | | |
|-----------------------------|-------|----------------------|----------|----------|-------|
| | | Must Operate | Max Volt | Net Each | |
| | | | | 1-20 | 21-99 |
| 3RY-618† | 130 | 38.8 | 16.1 | 15.10 | 10.42 |
| 3RY-619 | 500 | 20.1 | 31.6 | 15.10 | 10.42 |
| 3RY-620 | 700 | 20.0 | 37.4 | 15.10 | 10.42 |
| 3RY-621†† | 700 | 20.0 | 37.4 | 15.10 | 10.42 |
| 3RY-622 | 2500 | 10.1 | 70.7 | 15.40 | 10.63 |
| 3RY-623 | 4000 | 8.1 | 89.5 | 15.10 | 10.42 |
| 3RY-624 | 7000 | 6.0 | 117.0 | 15.85 | 10.94 |
| 3RY-625 | 11000 | 5.0 | 148.0 | 15.85 | 10.94 |
| 3RY-626 | 25000 | 3.6 | 224.0 | 15.85 | 10.94 |
| 3RY-627** | 700 | 32.0 | 37.4 | 17.60 | 12.14 |
| | 3300 | 12.3 | 81.0 | | |
| DPDT SINGLE COIL — TYPE JM2 | | | | | |
| 3RY-628 | 700 | 30.5 | 45.8 | 24.60 | 16.97 |
| 3RY-629 | 5000 | 11.3 | 122.0 | 24.65 | 17.01 |
| 4PDT SINGLE COIL — TYPE JM4 | | | | | |
| 3RY-630* | 1400 | 23.0 | 70.0 | 41.05 | 28.32 |
| 3RY-631† | 1400 | 23.0 | 70.0 | 41.65 | 28.74 |
| 3RY-632* | 6500 | 10.5 | 151.0 | 41.60 | 28.70 |
| 3RY-633† | 10000 | 8.6 | 187.0 | 42.30 | 29.19 |

MICROMINIATURE HIGH G RELAY



SL SERIES. Dual coil, hermetically sealed, micro miniature magnetic latching relays, weighing $\frac{3}{4}$ oz. For lower power, high shock/vibration uses. Coils may be connected in series for polar operation. DPDT gold-flashed palladium contacts rated at 2 amps. Coil voltage 24v; coil resistance, 630 ohms. Withstands 100g shock, 30g vibration to 2000 cps. Temp. range -65 to +125 C. Size .890x.795x.359". Shpg. wt., 3 oz.

Type SL11D for plug-in to printed circuits.
Type SL11DA for 2-.104x.136" holes on 1- $\frac{1}{4}$ " centers.
Type SL11DB for 4- $\frac{1}{16}$ " dia. holes on 1.062x.281" centers.

| Stock No. | P & B Type No. | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|----------------|-------|-------|-------|-------|-------|------|---------|------|
| | | each | each | each | each | each | each | each | each |
| 3RY-231 | SL11D | 17.25 | 16.39 | 15.52 | 12.08 | | | | |
| 3RY-232 | SL11DA | 17.25 | 16.39 | 15.52 | 12.08 | | | | |
| 3RY-233 | SL11DB | 17.25 | 16.39 | 15.52 | 12.08 | | | | |



TYPE AB17A & AB17B, Latching Relays. Ideal for memory work and overload uses. Both release and trip coils must be for the same voltage. One coil operates relay to set latch and other coil releases it. Operates on momentary impulse to either coil. 4PDT silver contacts rated at 10 amps. Mtg: 2- $\frac{3}{32}$ " holes on 1- $\frac{3}{8}$ " centers. Size 2- $\frac{3}{32}$ "x1- $\frac{1}{2}$ "x2- $\frac{1}{4}$ ". Shpg. wt., 10 oz. *60 cycle.

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|-------|-------|-------|------|-------|------|---------|------|
| | | each | each | each | each | each | each | each | each |
| 3RY-167 | 115VAC* | 10.60 | 10.07 | 9.54 | 7.42 | | | | |
| 3RY-168 | 24VAC* | 10.60 | 10.07 | 9.54 | 7.42 | | | | |
| 3RY-169 | 6VAC* | 10.60 | 10.07 | 9.54 | 7.42 | | | | |
| 3RY-170 | 110VDC | 10.85 | 10.31 | 9.77 | 7.60 | | | | |
| 3RY-171 | 24VDC | 9.65 | 9.17 | 8.69 | 6.76 | | | | |
| 3RY-172 | 6VDC | 9.65 | 9.17 | 8.69 | 6.76 | | | | |

STEPPING SWITCH

Type SA-1N-12A. Twelve position stepping relay with printed circuit strips to switch currents up to 250 ma. Armature-driven pawl operates a ratchet wheel to drive the movable contacts in steps of 30°. Mtg: two 6-32 holes on 1- $\frac{1}{4}$ " centers; Size 2- $\frac{1}{2}$ " x 2- $\frac{1}{2}$ " x 1- $\frac{1}{2}$ ". Shpg. wt., 4 oz.

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|------|------|-------|------|-------|------|---------|------|
| | | Each | Each | Each | Each | Each | Each | Each | Each |
| 3RY-617 | 115 VAC | 6.60 | 6.27 | 5.94 | 4.62 | | | | |

MS MOTOR STARTING RELAYS

For capacitor start, induction-run motors. Arm gap var. to pull-in. AC coils, 60; 5.9 va. oper. power. Silver contacts; 2 AY are SPST-NC rated $\frac{3}{4}$ HP; 4AY are SPST-NC-DB rated 3 HP. Mtg: 2 No. $\frac{3}{16}$ " dia. holes on 1- $\frac{1}{4}$ " centers. 2- $\frac{1}{2}$ "x2- $\frac{1}{2}$ "x2- $\frac{1}{2}$ ". 5 oz.

| Stock No. | P&B No. | Coil Volts | Net Each | | 25-50 | 51-100 |
|-----------|---------|------------|----------|------|-------|--------|
| | | | 1-24 | 50 | | |
| 3RY-634 | MS2AY | 115 | 3.55 | 3.38 | 3.20 | 2.48 |
| 3RY-635 | MS2AY | 230 | 3.95 | 3.75 | 3.56 | 2.76 |
| 3RY-636 | MS4AY | 115 | 4.15 | 3.94 | 3.74 | 2.90 |
| 3RY-637 | MS4AY | 230 | 4.55 | 4.32 | 4.10 | 3.18 |

LS SERIES RELAYS

Short springs and light arm for fast action. St. Stl. bearing for 100 million oper. Tinned, solder term. Mtg: 2 No. 6-32 tapped holes on $\frac{3}{4}$ " centers. Contacts 4 amps. 1- $\frac{1}{2}$ "x2- $\frac{1}{2}$ "x1- $\frac{1}{4}$ ". wt., 6 oz.

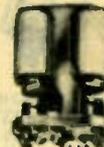
| Stock No. | Type | Action | Net Each | | |
|-----------|-------|--------|----------|------|------|
| | | | 1-20 | 499 | 21- |
| 3RY-644 | LS17D | 4PDT | 24 | 5.60 | 4.74 |
| 3RY-645 | LS17D | 4PDT | 48 | 5.75 | 4.86 |
| 3RY-646 | LS17D | 4PDT | 110 | 6.00 | 5.08 |
| 3RY-647 | LS23D | 6PDT | 24 | 6.80 | 5.75 |
| 3RY-648 | LS23D | 6PDT | 48 | 6.95 | 5.88 |
| 3RY-649 | LS23D | 6PDT | 110 | 7.20 | 6.09 |

PM POWER RELAYS — HEAVY DUTY 4PDT

Type PM17AY. Silver-cad contacts 25 amps, 115 V; 25 amps at 230V, 50/60 cycle res. AC. 1 HP per arm 120V 240V AC, 1 phase. 2 21/32x3/32x2- $\frac{1}{4}$ ". Shpg. wt., 1 lb.

| Stock No. | Coil Volts | Net Ea. | | | |
|-----------|------------|---------|-------|-------|---------|
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-638 | 6 | 12.35 | 11.73 | 11.11 | 8.65 |
| 3RY-639 | 12 | 12.35 | 11.73 | 11.11 | 8.65 |
| 3RY-640 | 24 | 12.35 | 11.73 | 11.11 | 8.65 |
| 3RY-641 | 115 | 12.35 | 11.73 | 11.11 | 8.65 |
| 3RY-642 | 230 | 12.75 | 12.11 | 11.47 | 8.93 |

MUST COVER FOR PM RELAYS
3- $\frac{1}{2}$ "x3- $\frac{1}{2}$ "x1- $\frac{1}{2}$ ". Shpg. wt., 6 oz.
3RY-643 P & B No. 35D227



MICROMINIATURE HIGH G RELAY SC SERIES. Micro-miniature hermetically sealed permanent magnet relays, weighing only $\frac{3}{4}$ oz. Single coil action. DPDT gold-flashed palladium contacts rated at 1 amp. Coil voltage 24 v; coil resistance 630 ohms. Withstands 100g shock, 30g vibration to 2000 cps. Temp. range -65° to +125° C. Size, 1- $\frac{1}{2}$ "x $\frac{3}{4}$ "x $\frac{3}{4}$ ". Shpg. wt., 3 oz.

Type SC11D for plug-in to printed circuits.
Type SC11DA for 2-.104x.136" holes on 1- $\frac{1}{4}$ " centers.
Type SC11DB for 4- $\frac{1}{16}$ " dia. holes on 1.062 x.281" centers. P & B

| No. | Type No. | each | | each | |
|---------|----------|-------|-------|-------|---------|
| | | 1-24 | 25-50 | 51-99 | 100-249 |
| 3RY-228 | SC11D | 15.75 | 14.96 | 14.17 | 11.02 |
| 3RY-229 | SC11DA | 15.75 | 14.96 | 14.17 | 11.02 |
| 3RY-230 | SC11DB | 15.75 | 14.96 | 14.17 | 11.02 |



KM SERIES. Sub-miniature Relays. Tiny 3-pole relays weighing only $\frac{7}{16}$ oz. For multiple switching. Solder lug terminals. Mtg: no. 2-56 tapped core and locating half-punch. Silver contacts, 2 amps. Size $\frac{3}{16}$ "x $\frac{3}{16}$ "x1- $\frac{1}{8}$ ". Shpg. wt., 1 oz.

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|------|------|-------|------|-------|------|---------|------|
| | | each | each | each | each | each | each | each | each |
| 3RY-185 | 6VDC | 3.35 | 3.18 | 3.02 | 2.35 | | | | |
| 3RY-186 | 12VDC | 3.35 | 3.18 | 3.02 | 2.35 | | | | |
| 3RY-187 | 24VDC | 3.35 | 3.18 | 3.02 | 2.35 | | | | |

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|------|------|-------|------|-------|------|---------|------|
| | | each | each | each | each | each | each | each | each |
| 3RY-188 | 6VDC | 3.70 | 3.52 | 3.33 | 2.59 | | | | |
| 3RY-189 | 12VDC | 3.70 | 3.52 | 3.33 | 2.59 | | | | |
| 3RY-190 | 24VDC | 3.70 | 3.52 | 3.33 | 2.59 | | | | |

| Stock No. | Coil Volts | 1-24 | | 25-50 | | 51-99 | | 100-249 | |
|-----------|------------|------|------|-------|------|-------|------|---------|------|
| | | each | each | each | each | each | each | each | each |
| 3RY-191 | 6VDC | 4.25 | 4.04 | 3.83 | 2.98 | | | | |
| 3RY-192 | 12VDC | 4.25 | 4.04 | 3.83 | 2.98 | | | | |
| 3RY-193 | 24VDC | 4.25 | 4.04 | 3.83 | 2.98 | | | | |

TYPE KT11A AND KT11D. Antenna Switching Relay. For switching 300 ohm lines. Glass base for minimum RF loss. DPDT silver contacts rated at 5 amps. Mtg: 1-no. 6-32 stud. Size: 1- $\frac{1}{2}$ "x1

INDUSTRIAL RELAYS AND MOTORS

BARBER-COLMAN MICROPOSITIONERS

POLARIZED D-C RELAYS

TYPE AYLZ. Polarized d-c ultra-sensitive relays featuring high speed, long life, and close differential. Ideal for use wherever power supply is limited. For use as null detectors or differential relays in many fields. Will operate directly from silicon or selenium photoelements. Responds up to 250 cps. Fine silver contacts are SPDT with floating neutral position. Polarity of signal determines which contact closes. Resists 10 G vibration. One millisecond operation. With basic sensitivity of 50 mic-

ro-watts, and silver contacts handling 100 watt resistive contact load. This relay acts as a high gain 2,000,000 to 1 amplifier. Eliminates vacuum tube, transistor, and magnetic amplifiers in many applications. Normal tolerance on pull-in current at 75°F. Is plus or minus 25%; from -65° to +165°F, plus or minus 60%. Equipped with total plug-in base. Weight, 6 oz. Size, 1 1/2" x 3 1/2" x 1 3/8". Shpg. wt., 10 oz. Coil ohms ± 10%. * Indicates tungsten contacts.

SINGLE COIL (1.3 AMPERE-TURNS)

| Stock No. | Mfr. No. | Coil Ohms | Ma. | Volts | W |
|-----------|-----------|-----------|------|-------|------|
| 3RY-500 | 7300-100 | 13 | 1.73 | .023 | 39.1 |
| 3RY-501 | 7301-100 | 54 | .87 | .047 | 40.6 |
| 3RY-502 | 7302-100 | 88 | .68 | .062 | 41.2 |
| 3RY-503 | 7303-100 | 140 | .54 | .076 | 41.1 |
| 3RY-504 | 7304-100 | 215 | .46 | .100 | 46.3 |
| 3RY-505 | *7304-102 | 215 | .46 | .100 | 46.3 |
| 3RY-506 | 7305-100 | 350 | .35 | .123 | 43.2 |
| 3RY-507 | 7306-100 | 560 | .28 | .155 | 42.8 |
| 3RY-508 | 7307-100 | 900 | .22 | .198 | 43.7 |
| 3RY-509 | 7308-100 | 1400 | .17 | .243 | 42.1 |
| 3RY-510 | 7309-100 | 2300 | .14 | .325 | 45.9 |
| 3RY-511 | 7310-100 | 3550 | .11 | .401 | 45.3 |
| 3RY-512 | 7311-100 | 5650 | .093 | .524 | 48.7 |
| 3RY-513 | 7312-100 | 7950 | .076 | .604 | 45.9 |

Any of above Lots 10, ea. 23.75 singly, 25.00

SINGLE COIL (2 AMPERE-TURNS)

| Stock No. | Mfr. No. | Coil Ohms | Ma. | Volts | W |
|-----------|----------|-----------|------|-------|-------|
| 3RY-514 | 7325-100 | 13 | 2.67 | .035 | 92.4 |
| 3RY-515 | 7329-100 | 215 | .71 | .154 | 109.6 |
| 3RY-516 | 7331-100 | 560 | .43 | .238 | 101.2 |
| 3RY-517 | 7334-100 | 2300 | .22 | .499 | 108.3 |
| 3RY-518 | 7337-100 | 7950 | .12 | .930 | 108.8 |

Any of above Lots 10, ea. 19.95 singly, 21.00

DOUBLE COIL (1.3 AMPERE-TURNS)

| Stock No. | Mfr. No. | Coil Ohms | Diff. ma. | Diff. volts | Diff. W |
|-----------|----------|-----------|-----------|-------------|---------|
| 3RY-519 | 7350-100 | 5 | 4.33 | .022 | 93.9 |
| 3RY-520 | 7351-100 | 9 | 3.25 | .029 | 95.1 |
| 3RY-521 | 7352-100 | 39 | 1.53 | .060 | 91.2 |
| 3RY-522 | 7353-100 | 61 | 1.18 | .072 | 85.2 |
| 3RY-523 | 7354-100 | 95 | 1.00 | .095 | 95.0 |
| 3RY-524 | 7355-100 | 150 | .81 | .122 | 99.0 |
| 3RY-525 | 7356-100 | 240 | .65 | .156 | 101.4 |
| 3RY-526 | 7357-100 | 365 | .52 | .190 | 98.7 |
| 3RY-527 | 7358-100 | 940 | .34 | .322 | 110.0 |
| 3RY-528 | 7359-100 | 1450 | .28 | .401 | 110.9 |
| 3RY-529 | 7360-100 | 2300 | .22 | .507 | 111.6 |
| 3RY-530 | 7361-100 | 3800 | .17 | .650 | 111.1 |

Any of above Lots 10, ea. 24.70 singly, 26.00

DOUBLE COIL (2 AMPERE-TURNS)

| Stock No. | Mfr. No. | Coil Ohms | Diff. ma. | Diff. volts | Diff. W |
|-----------|----------|-----------|-----------|-------------|---------|
| 3RY-531 | 7375-100 | 5 | 6.67 | .033 | 222.2 |
| 3RY-532 | 7379-100 | 95 | 1.54 | .146 | 224.7 |
| 3RY-533 | 7381-100 | 240 | 1.00 | .240 | 240.0 |
| 3RY-534 | 7383-100 | 940 | .53 | .494 | 260.0 |
| 3RY-535 | 7386-100 | 3800 | .26 | 1.00 | 263.0 |

Any of above Lots 10, ea. 20.90 singly, 22.00

BARBER-COLMAN SHADED-POLE AC MOTORS



UNIDIRECTIONAL MOTORS (Fig. A)

Shaded-pole a-c induction motors for driving cooling fans, appliances, displays, vending machines, pumps, movie projectors. Simple, dependable construction—no brushes, contacts, capacitors. All motors rated for continuous duty when operated at room ambients below 100°F.; CW rotation viewed facing the drive hub

or shaft. Porous bronze alignable bearings used on all unidirectional motors. 115 volt, 60 cycle field coils with Class A insulation and molded bakelite bobbins. Long life lubrication. Mounts with two #10-32 tapped studs on rear of motor. Shpg. wt., 1 1/2 lbs.

Full Load Characteristics

| Stock No. | Mfr's. Type | Torque lb.-in. | Speed RPM | Max. HP | Input Amps | Approximate Dimensions in. | Net Each 1-9 10-49 |
|-----------|--------------|----------------|-----------|---------|------------|----------------------------|--------------------|
| SS-125 | AYAA 707-6 | .025 | 1900 | .0007 | .13 | 2 1/2" x 2 1/4" x 1 1/2" | 3.58 2.68 |
| SS-126 | DYAB 569-116 | .045 | 2400 | .0017 | .15 | 2 3/4" x 2 1/2" x 1 1/2" | 3.86 2.89 |
| SS-127 | DYAF 761-1 | .10 | 2800 | .0045 | .27 | 2 1/2" x 2 1/4" x 1 1/2" | 4.05 3.04 |
| SS-128 | KYAF 764-1 | .16 | 2900 | .007 | .33 | 2 1/2" x 2 3/4" x 2 1/2" | 5.54 4.15 |
| SS-129 | DYAF 767-1 | .20 | 2900 | .009 | .39 | 2 1/2" x 2 3/4" x 2 1/2" | 8.40 6.30 |

GEAR MOTORS (Figs. D and E)

Unidirectional Type HZ gearheads designed for maximum 30 lb.-in., independently supported load. Type PZ is enclosed gearhead for loads up to 100 lb.-in. All gear trains use accurately hobbed gears. 115 volt, 60 cycle field coils. CW rotation. *Drive coupling on HZ gear motors is a hollow sleeve (3/4" O.D., 1/2" I.D.) drilled for 3/32" cotter pin. Type PZ shaft dia. .248" Shpg. wt., 2 1/4 lbs. except PZ is 4 1/2 lbs.

Full Load Characteristics

| Stock No. | Mfr's. Type | Torque lb.-in. | Speed RPM | Max. HP | Input Amps | Dimensions in. | Net Each 1-9 10-49 |
|-----------|---------------|----------------|-----------|---------|------------|--------------------------|--------------------|
| SS-136 | HZKB 29-110 | 1.3 | 80 | .0017 | .19 | 3 1/4" x 3 3/4" | 10.65 8.06 |
| SS-137 | HZKB 48-110 | 2.0 | 50 | .0017 | .19 | 3 1/4" x 3 3/4" | 10.65 8.06 |
| SS-138 | HZKB 60-110 | 2.7 | 40 | .0017 | .19 | 3 1/4" x 3 3/4" | 10.65 8.06 |
| SS-139 | HZKB 236-110 | 8.2 | 10 | .0013 | .19 | 3 1/4" x 3 3/4" | 12.76 9.64 |
| SS-140 | PZKB 450-110* | 15 | 5 | .0012 | .19 | 3 3/4" x 4 1/4" x 4 1/4" | 28.70 21.60 |

COOLING FANS (Fig. B)

Fans listed below may be used with above motors for cooling electronic tubes, projection lamps, and in deodorizers, heaters requiring air delivery against a low static head. Aluminum blades and zinc plated steel hubs. Blows air forward when mounted with hub towards the motor. *Free air delivery measured 12 inches from front of fan. Fan dia.: Type 303=3"; 403=4"; 502=5". Hub dia.: 303=1/4"; 403=3/8"; 502=1/2". Avg. shdr. wt., 2 oz.

| Stock No. | Mfr's. Type | CFM* | For Motor | Net Each 1-9 10-49 |
|-----------|-------------|------|--------------|--------------------|
| SS-130 | AYFA 303 | 75 | AYAA 707-6 | 1.20 1.16 |
| SS-131 | AYFA 403 | 190 | DYAB 569-116 | 1.41 1.36 |
| SS-132 | AYFA 502-1 | 300 | DYAF 761-1 | 1.60 1.55 |

REVERSIBLE MOTORS (Fig. C)

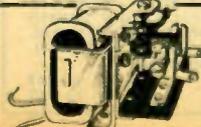
Low cost reversible motors for servomechanisms, remote switching and positioning, pen and potentiometer drives. Fast reversing, low inertia rotors. Direction of rotation controlled by shorting one pair of shading coils through SPDT switch, except *DYAE 222-715 has high impedance shading coils for use with electronic control. 115 volt, 60 cycle field coils. Continuous duty rating. Max. size 3 1/2" x 1 1/2" x 1 1/2". Shaft dia. .125". Shpg. wt., 1 1/2 lbs. except KYAE is 1 3/4 lbs.

Full Load Characteristics

| Stock No. | Mfr's. Type | Torque lb.-in. | Speed RPM | Max. HP | Input Amps | Net Each 1-9 10-49 |
|-----------|---------------|----------------|-----------|---------|------------|--------------------|
| SS-133 | DYAE 222-3 | .015 | 1450 | .00035 | .20 | 0.97 0.73 |
| SS-134 | DYAE 222-715* | .062 | 1850 | .0018 | .28 | 17.47 11.47 |
| SS-135 | KYAE 451-3 | .025 | 1600 | .0006 | .21 | 11.23 8.42 |

FAMOUS SIGMA 4F RELAYS

For the builder, experimenter or amateur, described in many magazine articles. 40W friction, clock-type pivot, concentric non-loading, torsion-type spring. For use in vacuum tubes or other DC circuits providing 20 milliwatts or more and requiring a compact, high quality relay. Has wide range of precision adjustment SPDT, silver contacts, rated 2 amp at 24V DC or 115V AC, 8000 Ohm coil. Operating current 1.6 ma; releases at 0.75 ma. 1 1/2" x 1 1/2" x 1 1/2". Shpg. wt., 8 oz. 3RY-400 Sigma 4F Net 6.00



AMPERITE THERMOSTATIC DELAY RELAYS



Heater-actuated time-delay relays. Operate on AC, DC or pulsating current. Hermetically sealed in glass envelope with octal base. SPST, normally open, closed by heater after delay (in seconds). Heater draws only 2 watts. Contacts rated 3 amp. at 115V AC or 0.5 amp. at 220V AC. Shpg. wt., 4 oz. Please specify both mfr. no. and our stock no.

| Delay Sec. | Normally Open | | Normally Closed | |
|------------|---------------|------------|-----------------|------------|
| | 6.3V AC-DC | 115V AC-DC | 6.3V AC-DC | 115V AC-DC |
| 2 | 6N02 | 115N02 | 6C2 | 115C2 |
| 5 | 6N05 | 115N05 | 6C5 | 115C5 |
| 10 | 6N010 | 115N010 | 6C10 | 115C10 |
| 15 | 6N015 | 115N015 | 6C15 | 115C15 |
| 20 | 6N020 | 115N020 | 6C20 | 115C20 |
| 30 | 6N030 | 115N030 | 6C30 | 115C30 |
| 45 | 6N045 | 115N045 | 6C45 | 115C45 |
| 60 | 6N060 | 115N060 | 6C60 | 115C60 |
| 75 | 6N075 | 115N075 | 6C75 | 115C75 |
| 90 | 6N090 | 115N090 | 6C90 | 115C90 |
| 120 | 6N0120 | 115N0120 | 6C120 | 115C120 |
| 150 | 6N0150 | — | 6C150 | — |
| 180 | 6N0180 | — | 6C180 | — |

Net each 2.35

MINIATURE RELAYS. All above types available in miniature sizes. 9-pin, 3/4" x 2 1/2". When ordering, specify type no., adding letter "T" following type number. Example: 6N02T and our Stock No. Shpg. wt., 3 oz. 3RY-441 Net each 2.35

HURST SYNCHRONOUS MOTORS



Compact heavy-duty synchronous motors for accurate continuous timing applications. Ideal for use in alarm systems, process controls, animated displays, lighting displays, paging systems, extra large clocks, time switches, code signal devices, etc. Will not overheat during continuous operation nor in a stall position. Gear trains have lifetime lubrication and withstand loads more than 3 times rated capacity. Size 2 1/2" dia. x 1 3/4" deep. Power requirement: 5 watts, 95-130 volts AC, 60 cycles. Operating temp. 40° to -105°C. Shpg. wt., 1 lb.

40 INCH OZ — CONTINUOUS DUTY TYPE SM

Instant start at full torque. Shaft 3/16" diam. x 1" long.

| Stock No. | Output Speed | Net Each | | |
|-----------|--------------|----------|-------|--------|
| | | 1-49 | 50-71 | 72-107 |
| 3SS-10 | 1 RPM | | | |
| 3SS-11 | 4 RPM | 9.08 | 8.17 | 7.26 |
| 3SS-12 | 6 RPM | | | |
| 3SS-13 | 10 RPM | | | |
| 3SS-14 | 30 RPM | | | |
| 3SS-15 | 60 RPM | | | |

(May be assorted for quantity prices)

POSITIVE CLUTCH-TYPE PCSM

As above but with positive clutch and instantaneous brake. Clutch starts shaft in 10 milliseconds. Brake stops shaft within 1/10° at 1 RPM, within 6° at 60 RPM.

| Stock No. | Output Speed | Net Each | | |
|-----------|--------------|----------|-------|--------|
| | | 1-49 | 50-71 | 72-107 |
| 3SS-75 | 1 RPM | | | |
| 3SS-76 | 4 RPM | 13.20 | 11.88 | 10.56 |
| 3SS-77 | 6 RPM | | | |
| 3SS-78 | 10 RPM | | | |
| 3SS-79 | 30 RPM | | | |
| 3SS-80 | 60 RPM | | | |

(May be assorted for quantity prices)

120 INCH-OUNCE REVERSIBLE-TYPE DA

Instantly reversible (with SPDT switch) clockwise and counter-clockwise operation. 100g shock resistance; torque, 120 inch-ounce at 1 rpm, 2 1/2" dia. x 1 1/4"; shaft 3/16" dia. x 1" L. Shpg. wt., 1 1/2 lbs.

| Stock No. | Output Speed | Net Each | | |
|-----------|--------------|----------|-------|--------|
| | | 1-49 | 50-71 | 72-107 |
| 3SS-93 | 1RPM | | | |
| 3SS-94 | 4RPM | 10.80 | 9.72 | 8.64 |
| 3SS-95 | 6RPM | | | |
| 3SS-96 | 10RPM | | | |
| 3SS-97 | 30RPM | | | |
| 3SS-98 | 60RPM | | | |

(May be assorted for quantity prices)

REVERSIBLE POSITIVE CLUTCH-TYPE PC-DA

Basic type DA motor with positive clutch and instantaneous brake. Starts in 10 milliseconds—stops 60 rpm shaft in 6°; 1 rpm, 1/10°. Shpg. wt., 1 1/2 lbs.

| Stock No. | Output Speed | Net Each | | |
|-----------|--------------|----------|-------|--------|
| | | 1-49 | 50-71 | 72-107 |
| 3SS-99 | 1RPM | | | |
| 3SS-100 | 4RPM | 14.92 | 13.42 | 11.94 |
| 3SS-101 | 6RPM | | | |
| 3SS-102 | 10RPM | | | |
| 3SS-103 | 30RPM | | | |
| 3SS-104 | 60RPM | | | |

(May be assorted for quantity prices)

LAFAYETTE VALUES in ELECTRICAL ACCESSORIES

3-WAY POWER CONTROL

- Individually Switched Outlets With Indicator Lights

249



Switchable power outlet box for wall or bench mounting. Three individually controlled outlets, each with its own indicator light. Measures 4x2½x1½". Equipped with 3 polarized receptacles, 3 toggle switches, 3 indicator lights, 6 ft. line cord. Rated 5 amps at 125 volts AC/DC. Shpg. wt., 1 lb. Imported.

EL-92 Net 2.49

NEW 3-WAY SWITCH-O-LET

- 3-Way Surface Outlet With Built-In Switching!



Designed as a standard 3-way surface outlet—each individual receptacle switches on and off by means of a ½ turn. Positive contact and spring action maintained by phosphor bronze contact strips. Ideal as a "bench" outlet—built-in safety—prevents tampering. Mounts easily on bench or wall. Can be used to terminate an extension cord. Rated 20A. at 125V. Shpg. wt., 5 oz. Imported.

EL-91 Net .49

TAP-A-LINE

147

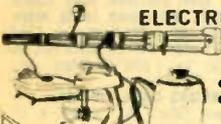


A must for use in areas having a limited number of outlets—Permits the use of as many as 8 different appliances at one time. Easy to install or use unmounted. Rated at 1000 watts. Ivory colored tough plastic 12" long by 1" square. Four foot heavy cord and plug. Shpg. wt., 1½ lbs.

EL-10 Net 1.47

EL-11—Same as above but 2' long Net 2.40

ELECTROSTRIP



- Every Inch an Outlet!
- Mounts anywhere—quickly—easily!
- No breaking into walls!
- Add outlets—move outlets—at will!

On baseboard, workbench, walls, counters—conducting or non-conducting surfaces. Hand forms to corners and irregularities. No need for outlet planning—the outlets move as you choose. Permanent or temporary installations. Becomes a neat, attractive part of room decor—can be painted. Electrical connections where you want them—when you want them—along its entire length. Will not support combustion. The four ft. kit includes four ft. of strip, 3 receptacles, 2 end caps, 12" feed in cord set and mounting screws. The 15 ft. kit includes 15 ft. of strip, feed in (outlet type) 4 receptacles, 2 end caps, 2 wire connectors and mtg. screws. All are U.L. approved. 15 Amps 125V. AC.

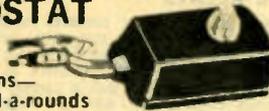
EL-67 4 ft. kit—Shpg. wt., 1½ lbs. Net 2.29

EL-68 15 ft. kit—Shpg. wt., 3½ lbs. Net 7.80

EL-69 Extra receptacle. Shpg. wt., 3 ozs. Net .35

FAN-O-TROL THERMOSTAT

339



- For window fans—ventilators roll-a-rounds

You can convert any window ventilating or other electric fan to automatic—thermostatic operation—controlled by room temperature. Gives any fan the features of the latest, deluxe models. Simple, plug in installation—done in minutes. Just set it—and forget it. Automatic cool comfort—day and night! Switches your fan on and off as the temperature demands. Completely assembled unit—ready to plug in. With instructions. UL Approved. Shpg. wt., 1 lb. AP-56

Net 3.39



4-WAY OUTLET

- 4 Electrical Outlets in 1
- Stationary Mounting or Extension Cord Use
- Phosphor Bronze Spring Grip Action

NEW!

Use wherever outlets are limited. Accepts up to 4 appliances at one time. Easily installed on wall, floor, bench or ceiling. Can be "cord" mounted for extension uses. Rated at 20 amps at 125 volts. Molded of exceptionally tough durable plastic. Measures 4¾" x 1½" x 7/8" overall. Shpg. wt., 5 oz. Imported.

EL-89 net, ea. .59 3 for 1.50

3 WAY TAP: Same as EL-89, above. For up to 3 appliances. 2½" x 1½" x 7/8". Shpg. wt., 4 oz. Imported.

EL-88 net, ea. .39 3 for .95

ELECTRONIC DIMMER SWITCH

- Electronically Dims Light to 40%
- Replaces any standard wall switch



Electronically controlled dimmer switch replaces any ordinary light switch, fits all standard boxes, any standard switch plate. 100% of illumination in HI position, 40% in Lo position. Controls light mood without wiring changes. Use for night lighting, TV lighting, standby lighting, dining room, children's room. Increases lamp life up to 10 times on dim position. 300 watt capacity, 117VAC. For incandescent lamps only.

EL-101 Shpg. wt., 6 oz. Net 2.95



MUSICAL DOOR CHIME

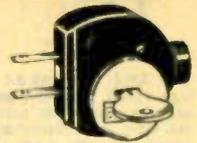
- Replace or supplement ordinary door bells!
- Different! Delightful!
- Installs in minutes!

Full scale musical door chime plays one chorus of a pleasant melody. Just a press of the button activates the musical unit to play a 15 second chorus. No need to hold the button down. Play and stop is automatic once button is pressed. Easily installed. Requires no special tools. Use as door bell—announcer—page, etc. Includes push-button, chime unit and 15 ft. of wire. Powered by 1½V. battery not included.

EL-84 Shpg. wt., 1 lb. Imported. Net 3.69

BA-157 Battery for Above. 1 required Net .13

YALE "LOCK-IT" PLUG WORKSHOP SAFEGUARD 139



Easy to install. Replaces A.C. plug on any equipment you choose to keep "locked". Prevents accidental or unauthorized use of any electrical equipment. Use on fans, power tools, soldering equipment, hot plates, photo equipment, battery chargers, even the TV—if you want it kept off! Shpg. wt., 6 ozs.

Net 1.39

RESET CIRCUIT BREAKER

- Thermal Switch
- Save on Fuses
- Easy to Install

.72



Prevent overload, and possible damage, to radios, TV, power tools, etc. This reset, thermal switch circuit breaker opens at 2.5 amps. No need to replace fuses, no fumbling in the dark—just press the button to reset the circuit. Easy to install; safest to operate. For 110-120 volts. Size: 2¾" L x ¾" D.

SW-106 Shpg. wt., 5 ozs. Net .72

NEW! Minneapolis-Honeywell TAP-LITE



- SCREWLESS TERMINALS
- QUIET—CONVENIENT—TOUCH ACTION

Clear wall plate permits using any color or material to match or contrast with any wall color. Connects in less time than old fashioned wall switches. A feather-light touch actuates the switch. Tap—It's on, Tap—it's off. Free color inserts with each switch—can be used as is—painted—or used as a pattern. Fits standard electrical boxes. Rated 15 amps., 120-227 V.A.C. U.L. insp. Shpg. wt., 6 oz.

EL-49 Single Pole Net 1.43

EL-50 3-Way Net 1.80

EL-51 Single Pole—2 gang Net 2.94

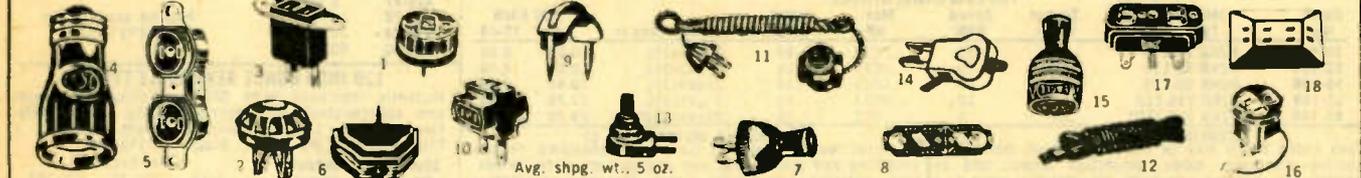
OUTDOOR DUPLEX PLATE

- Weatherproofs any duplex receptacle



For outdoor AC outlets and switches. Shields against rain, snow, ice, dirt and moisture. Individual "snap" covers. Lock in open position—"snap" shut—seal tight. Rust proof brass plate with aluminum finish, rubber gasket and rubber "undercoat" mat. Stainless steel hinge springs. Shpg. wt., 8 oz.

EL-102 Net 1.42



Avg. shpg. wt., 5 oz.

1. SINGLE SURFACE OUTLET. Brown bakelite. Wood mounting screw. EL-15—Ea., .09 10 for .81
2. BAKELITE PLUG. Sturdy prongs. EL-16—Ea., .05 10 for .45
3. CHASSIS AC RECEPTACLE. Mounts from top or bottom. Mtg. centers 1¼". UL approved. 15A. 125VAC/DC. Solder terminals. EL-93 Net .15
4. CURRENT TAP. Bakelite. Straight socket with 2 plug outlets. EL-22—Shpg. wt., 4 oz. .18
5. DUPLEX FLUSH RECEPTACLE. EL-23—Ea., .13 10 for 1.17
6. 3-WAY SURFACE OUTLET. Brown. Pin

7. HANDLE PLUG. Of soft rubber. Shpg. wt., 1 oz. EL-26—Ea., .07 10 for .63
8. MIOGET CORD CONNECTOR. Flat two pieces. Underwriters listed. EL-27—Ea., .25 1C for 2.25
9. INSULATED STAPLES. No. 5. 1¼" x 5/8". EL-14—Package of 100 .18 1C packages for 1.60
10. RUBBER CUBE TAP. 3 outlets. Unbreakable one piece soft rubber construction. EL-28 Net .23 ea.

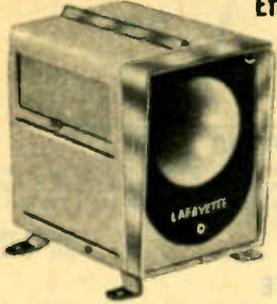
11. CUBE TAP EXTENSION. Trio tap, 9 ft. rubber cord. AC plug. Brown. EL-29—Brown Ea., .41 10 for 3.69
12. AC LINE CORD. 6 ft. AC line cords, fine quality zip cord with sturdy plug. EL-13 .19
13. CANOPY SWITCH. Rotary type, composition top. Very shallow. Wire leads. Rated 3 amp. at 125 v. SW-18—Ea., .18 10 for 1.62
14. JIFFY PUSH PULL PLUG. Attaches in 5 seconds without any tools. Spring prongs. Black. EL-57—Ea., .10 10 for .89
15. RUBBER CORD CONNECTOR. With pull handle for extension cords. 1¼" diameter. 15A. at 125V. EL-33 Net .27 ea.

16. PARALLEL GROUND ADAPTER. Adapts 3 wire tools and appliances to 2 wire AC outlets. 15A., 125V. 3¾" ground lead and lug. UL approved. EL-99 Net .18
17. DOUBLE GROUND ADAPTER. Converts any grounded 2-wire duplex receptacle for use with 3-wire plugs as well as standard plug. 15A., 125V. UL approved. EL-100 Net .60
18. PERMA-PLUG. Now you can plug in up to 4 appliances in space formerly accommodating only 2. Easily installed, fits any standard 125 VAC double outlet. 15 AMP, UL approved. EL-72 Brown Net ea. .53 EL-73 White Net ea. .60

PHOTO ELECTRIC EQUIPMENT — BURGLAR ALARMS — GARAGE DOOR OPENERS

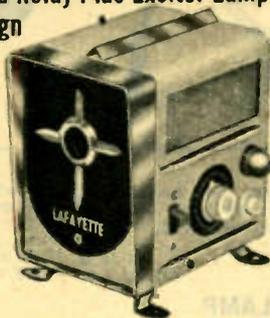
NEW LAFAYETTE PHOTO-ELECTRONIC RELAY SYSTEM

Includes Photo Cell Receiver Plus Electronically Operated Relay Plus Exciter Lamp
Efficient 2-Unit, 3-Element Design



- Complete — Ready to Operate — NOT A KIT!
- Operates Bells, Buzzers and Counters.
- The Perfect "Guard for Homes, Stores and Industry"
- Removable Infra-Red Filter For "Invisible-Light" Operation

1895
Per Set



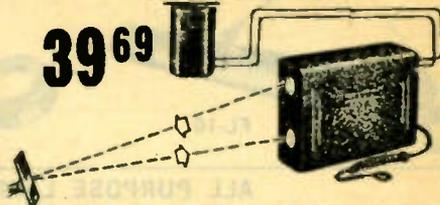
The Lafayette Photo-Electronic Relay is your key to an inexpensive indoor warning or counting system. Consisting of a rugged exciter and relay unit and operating on 110-120V AC. It can be connected to signal persons entering a room, counting people or merchandise or function as an effective alarm system to warn of intruders. Effective up to 50 feet (without filter, 20 to 25 feet with filter), relay unit has a convenient variable sensitivity control and switch for continuous or intermittent alarm operation. Exciter has removable infrared filter and adjustable focus. Mounts easily across area to be supervised. Metal case. Size: 4¼x3x4½".
PC-40 Shpg. wt., 6 lbs. Net 18.95

ACCESSORIES FOR ABOVE

- EL-85 Electric Bell, 110V AC. Shpg. wt., 2 oz. Net 1.49
- EL-86 Electric Buzzer, 110V AC. Shpg. wt., 10 oz. Net 1.29
- F-553 6-Digit Electric Counter. Shpg. wt., 1½ lbs. Net 9.95

WORNER ELECTRONIC RECEPTIONIST

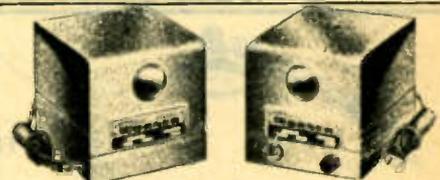
39.69



MODEL 61 ANNOUNCER. Consists of "Photoelectric" unit, chime and mirror. Chime rings when light beam is intercepted. Unit has exciter lamp which projects beam across passage, and photocell which receives reflected beam from mirror; may be placed up to 10' from mirror. 8¼" x 6½" x 2¾". Shpg. wt., 8 lbs. For 110-120V 50-60 cycle A.C. Net 39.69

60-1130 REPLACEMENT BULB, 6 v, 32 cp., 2000 hour. For Model 61. Shpg wt., 5 oz. Net .65

EXTRA CHIME. For Model 61, or any other 6 v. A.C. power source. Excellent warning device. Net 4.70



MODEL 4000 "WATCHMAN". Economical indoor alarm system. Consists of exciter lamp unit and matching electronic relay, in attractive hammerloid cases. Exciter unit has 2 prefocused f6 lenses for maximum light dispersion, infra-red filter to furnish invisible beam. Relay unit has toggle switch choice of intermittent or continuous alarm operation, outside light rejector, sensitivity control. Built-in 6V.A.C. power supply permits use of external electronic alarms. Ranges: white light 50', invisible light 35'. Size each unit 5" x 5" x 5½". Total shpg. wt., 14 lbs. For 110-120 V. 50-60 cycle A.C. Net 61.74



MODEL 5150 BURGLAR ALARM
A 2 unit indoor detection system. Exciter lamp radiates invisible infra red light. Relay unit has key switch, 150' range. Steel cases: 7" x 6½" x 4¼". For 110-120 VAC. PC-32WX Shpg. wt., 14 lbs. net 101.43

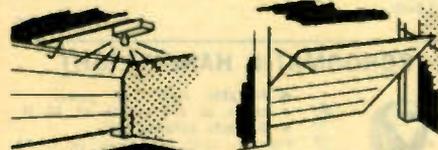


Automatic electronic controls for turning lights "on" when dark, "off" when light. Circuit employs selenium rectifier, D.C. relay, cadmium sulfide photo cell and electrolytic capacitor.

OUTDOOR LAMP CONTROL FIG. A
Fits single outlet box 2¼" or deeper. 300 Watt 117 VAC capacity. Built-in time delay. Adjustable shade shields light cell from undesired artificial light. Durable stainless steel finish. Weather-proof. Net 7.50

LAMP POST CONTROL FIG. B
Easily mounted between Lantern and 3" lamp post. It will control several lamps — up to 300 watts, 117 VAC. Includes hardware and instructions. Net 7.50

TRANSISTORIZED RADIO-CONTROLLED GARAGE DOOR OPENER



- Hand Held Transmitter — Carry It In Pocket, Purse or Glove Compartment
- Simple 1 Man Garage Installation
- Fits Overhead Residential Garage Doors Up to 18 Ft. Wide By 8 Ft. High.

Enjoy the convenience and safety of an automatically operated garage door with this fully guaranteed unit by Perma-Power. Eliminates night-time and rainy day hazards by raising or lowering the door and operating garage light from the protection of your car's front seat. System includes the motor mechanism, radio transmitter and receiver, antennas, mounting hardware, wiring, wall switch, etc. Transmitter is crystal-controlled and operates on R/C frequency of 27.255 mc. Transistorized transmitter operates on self-contained inexpensive battery which lasts over a year in normal use. It fits in your hand, requires no installation and may be carried in pocket, purse, or stored in glove compartment. Exclusive coded channel design prevents mis-functioning. Operation is interference free. The ¼ hp motor will operate one-piece lift-up or sectional roll-up type doors. One-man installation. Easy step-by-step instructions. Shpg. wt., 65 lbs.

- MODEL G 653 Complete R/C system Net 149.50
- ML-178WX
- MODEL G-340 Extra transmitter for second car. Net 19.50
- ML-179 Shpg. wt., 1 lb.
- MODEL G-511 Key switch for outdoor location. Net 4.20
- ML-1 Shpg. wt., ¼ lb.

ELECTRIC ANNUNCIATORS



From **1.29**

- (A) ELECTRIC BELL. Ideal as a fire alarm, burglar alarm warning bell. Gives a clear, loud ring to overcome high level background noise. Gleaming chrome-plated bell on a sturdy plastic base. 110 volts: AC. Overall size, 1¼" across and 2¼" deep. Shpg. wt., 1 lb. Net 1.49
- EL-85 Electric Bell. Imported.
- (B) ELECTRIC BUZZER. Extra loud. For 110 volts AC. Overall 3¼x2". Shpg. wt., 10 oz. Net 1.29
- EL-86 Electric Buzzer. Imported.

LAFAYETTE HOME FIRE ALARM



- UL Approved Protection
 - Loud - Clear Alarm
 - Complete Signal Unit - 6 Detectors
- Sensitive thermostatic detectors—located in every potential fire area—react to heat instantly. The alarm alerts you and your family before flames spread. The system does not depend on house current for operation. Long life, heavy duty battery will last at least one year. System is readily checked by means of a heat button. The push button kept within easy reach of bed, serves as an intruder alarm. Provision is made in the signal unit for attaching another alarm (6 volt bell, buzzer or horn) for outside or remote locations. The signal unit is completely enclosed in a chrome plated steel housing. Measuring only 4½x5½x3½" overall—can be located in any convenient area. Detectors, only 2" in diameter, are unobtrusive and cover areas up to 400 sq. ft. System includes signal unit with 2 horns and provision for a 3rd, 6-thermostatic detector switches (five 135¢, one 200¢) 150 ft. of 18 gauge twisted pair control wire, test button, 2 boxes of staples, battery and instruction book. Shpg. wt., 8 lbs. Net 29.95
- ML-290
 - 135¢ Detector Switches. Shpg. wt., 3 ozs. Net ea. 1.95
 - EL-103
 - 200¢ Detector Switches. Shpg. wt., 3 ozs. Net ea. 1.95
 - EL-104
 - Test Button. Shpg. wt., 3 ozs. Net .16
 - EL-30
 - 18 Gauge, twisted pair control wire. Shpg. wt., 3 lbs. per 100 ft. Net 1.65
 - WR-122 100 ft. Net 1.65
 - WR-123 500 ft. Net 7.50
 - Replacement battery, Eveready 509. Shpg. wt., 1¼ lbs. Net .79
 - BA-161

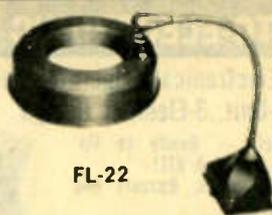
LAMPS FOR INDUSTRY — LAB — OFFICE — HOME



FL-10



FL-21



FL-22



FL-24

ALL PURPOSE LAMP

Ideal for factory benches, tables and drafting boards. Two bolts clamp base securely to any surface up to 3" thick. Spring-controlled swivel joints and double arm action give you light in any desired position. Arm extends 36". Uses two T8, 15-watt lamps. For 110-125V., 60 cycles AC. Bronze finish.
 FL-10 less lamps. Shpg. wt., 10 lbs.
 FL-200 T8, 15-watt, cool white lamp.

Net 14.38
 Net ea., .92

GOOSENECK MAGNIFYING LAMP

The perfect lamp for the hobbyist who needs plenty of light and magnification for close, precision work. The flexible, gooseneck arm adjusts and holds the lamp in the position you want. Five inch diameter magnifying glass; overall length about 2½ feet. Sturdy, clamp-mount base. Uses 22-watt circline fluorescent lamp.
 FL-22 less lamp. Shpg. wt., 6 lbs.
 FL-202 T9, 22-watt cool white lamp

Net 15.95
 Net 2.80

MAGNIFYING INSPECTION LAMP

Designed for precision work, features a 5" diameter magnifying glass with a powerful 13" focus, surrounded by a 22 watt shadow-free fluorescent tube. A custom-engineered arm permits complete directional mobility—special adjustment knobs insure the proper tension and steadiness for any desired position. 45" arm reach. Ideal for assembly, laboratory, quality control and other detail work.
 FL-21 less lamp. Shpg. wt., 8 lbs.
 FL-202 T9, 22-watt, cool white lamp.

Net 24.30
 Net ea., 2.80

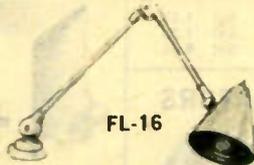
STUDY-LYTE

Perfect illumination where you need it—moves up, down, sideways at your lightest touch, and stays exactly where you put it. From a central position, the 45" arm reach can swing to illuminate any area on a desk or table, six feet long and four feet wide. Sleek all-metal construction with versatile 3" throat edge clamp. Uses 60-watt bulb (not included). Available in easy-to-assemble kit form or completely assembled.
 FL-24 Kit. Shpg. wt., 5 lbs.
 FL-25 Assembled

Net 9.98
 Net 12.85



FL-19



FL-16



FL-20



FL-26

AMPLEX TROMBOLITE

Trombolite's unique, improved reflector design provides full use of blended incandescent and fluorescent light sources to give you 23% more light. Trombolite's glide action adjusts readily into any one of a thousand different positions. Comes complete with 60 Watt incandescent lamp and 22-watt Circline fluorescent tube. Attractively finished in executive grey.
 FL-19WX Shpg. wt., 8 lbs.

Net 23.18

DESK LAMP

An attractive desk lamp. Fully louvered to give the best light transmission. With molded-in pen and pencil holder. Separate stamp and paper clip compartment with a hinged lid. White louvre with gleaming black hood and base; brass finished gooseneck. About 14" high. Uses standard incandescent lamp.
 FL-20 Less lamp. Shpg. wt., 1½ lbs.

Net 2.98

ADJUSTABLE FLEXO LAMP

Designed to provide adjustment to any position or angle. No exposed wiring. Air Cooled Shade. Maximum extension 34". Lamp swivels around at base and at shade and swivels at each joint for universal adjustment. Shade 5½" in diameter, 6" deep. Use standard incandescent lamp.
 FL-16 less lamp. Shpg. wt., 5 lbs.

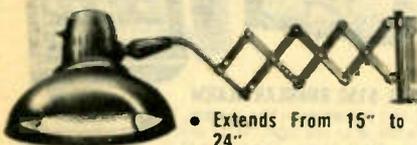
Net 8.77

ALL-PURPOSE LAMP

Smart and versatile... ideal for use in shop, office, home—wherever positioned lighting is needed for close work or reading. Flexible gooseneck and swivel shade permit positioning light exactly where it's wanted. Streamlined flair shade and louvers for air cooling. Concentric reflector gives diffused, glare-free light. Spring clip mounting for easy insertion and removal of bulb.
 FL-26 Less Lamp. Shpg wt., 3 lbs.

Net 5.99

EXTENSION WALL LAMP



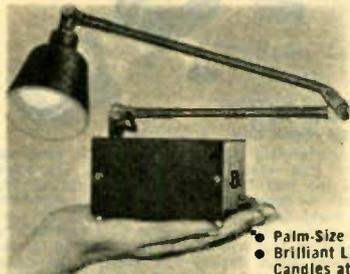
840

- Extends From 15" to 24"
- Wall Bracket Swivels 180°
- Adjustable Shade

A smartly styled wall-lamp for use in the den, office, shop, even the living room. Wall bracket swivels 180° horizontally and the arm extends to 24"—enough light in any direction over a large area. Arm closed is 15". Adjustable shade. Arm, wall mounting brackets and screws are brass-plated. Uses a 22-watt Circline fluorescent tube. Shpg. wt., 4 lbs.

FL-27 Less Lamp Net 8.40
 FL-202 T9 22-watt Cool White lamp Net 2.80

MINIATURE HI-INTENSITY LAMP



- Palm-Size
- Brilliant Light—150 Candles at 12"

Never before such a big light in so small a space. Bulb has an intensity greater than 100 watts, yet is only 1/10 the size of equivalent lights. Base has an electrical outlet which may be used by other electrical apparatus when lamp is on or off. Cork insulated reflector swivels 160°. Arms are double 1/4" steel tubing with 3 friction plates; overall 15". Compact size is 10Lx2½Wx4"H. Ideal for reading, hobbyists, doctors, designers, artists, etc.
 FL-23 Shpg. wt., 4 lbs.

Net 15.75

CORDOMATIC HANOY LIGHT



- Portable light and power
 - Locks at any length of 20 ft.
 - Retracts automatically
- Provides light and power up to 20 feet from installation. Swivels 180° when wall mounted—360° rotation when ceiling mounted. Detaches easily to change location. Simply hang it up and plug it in. Eliminates the inconvenience and hazards of tangled cords.

U.L. approved. Shpg. wt., 5 lbs.
 EL-70

Net 6.72

NITE LAMP



Plugs into any outlet. Swivel Shade Complet with C7 bulb, on off switch. U.L. approved.
 EL-44—In lots of 3, ea. .40

Singly, ea. .45



INDOOR-OUTDOOR EXTENSION CORDS

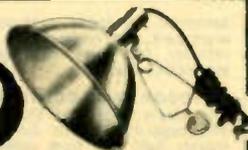
- 2-Wire and 3-Wire, 16 Gauge
- Molded Connectors

Use indoors and out, with power tools, refrigerators, mowers, fans, etc. All are 16-gauge, U.L. approved 3 cond. cords have 3 prong plug.

| Stock No. | Length | Cond. | Cap | Shpg. Wt. | Net |
|-----------|---------|--------|--------|-----------|------|
| EL-94 | 25 ft. | 2-wire | 7-amp | 2 lbs. | 1.35 |
| EL-95 | 50 ft. | 2-wire | 5 amp | 3 lbs. | 2.43 |
| EL-107 | 100 ft. | 2-wire | 5 amp | 3 lbs. | 4.49 |
| EL-108 | 25 ft. | 3-wire | 10 amp | 1½ lbs. | 2.13 |
| EL-109 | 50 ft. | 3-wire | 7 amp | 2¼ lbs. | 3.51 |
| EL-110 | 100 ft. | 3-wire | 5 amp | 3½ lbs. | 6.41 |

GIANT PATIO LAMP

179



The lamp of 100 uses. Perfect for patio, garden, photography, attic, workshop, and window display. 10" all aluminum tarnish proof reflector mounted on double swivel clamp on base. 6" rubber covered cord and rubber plug. Shpg. wt., 2 lbs.

FL-18 Net 1.79

50 ft. TROUBLE LAMP

- 2 Side Outlets

180

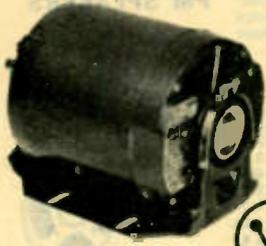
All rubber sheath—all copper wire! Flip-Lok cage eliminates removing from handle to re-lamp. Uses any standard lamp. Heavy rubber plug-push switch—rugged rubber handle. Shpg. wt., 4 lbs.

Net 1.80



FRACTIONAL H.P. MOTORS—PORTABLE POWER SUPPLIES

WESTINGHOUSE SPLIT-PHASE MOTORS

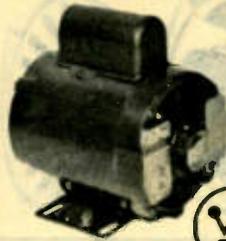


- Sound absorbing rubber (resilient) mount, cradle type base
- 1/2 to 3/4 HP, 1725 RPM, General-Purpose 50° Continuous Duty. All-position Mounting

Universally used on washing machines, tools, appliances, fans, blowers, pumps, etc. High starting and running torque. Breakdown torque meets NEMA specifications. Extra large sleeve bearings with NYLON thrust bearing that permits motor to be mounted in any position. All motors are 115 AC ("split" phase), 60 cycle, 50 C. rise. Drip-proof design. Conduit connection box. Rotation easily reversed. Base to shaft center. 3 1/2". Gray finish. Mtg. holes, 4 7/8x3".



WESTINGHOUSE CAPACITOR MOTORS



- Rigid motor mount for varied applications
- 1/4, 1/2, 3/4 HP, 1725 RPM, 115 V. High Starting Torque. Nema 56 Frames

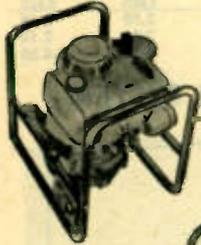
These motors are guaranteed to give trouble-free power service on all general-purpose applications — except on heavy-starting compressors. Built of finest materials for utmost dependability and economy. Die cast rotor. Vernish impregnated windings. Specs: same as split-phase motors listed at left.



| Stock No. | H.P. | RPM | Mtg. | Volts | Shaft | Shpg. Wt. | Net ea. In Lots of 3 | Net ea. In Lots of 10 |
|-----------|------|------|--------|-------|-------|-----------|----------------------|-----------------------|
| SS-164W | 1/4 | 1775 | Rubber | 115 | 1/2" | 16 lbs. | 15.89 | 13.28 12.82 |
| SS-165W | 1/2 | 1775 | Rubber | 115 | 1/2" | 18 lbs. | 17.52 | 14.63 13.90 |
| SS-166WX | 1/2 | 1775 | Rigid | 115 | 3/8" | 20 lbs. | 23.64 | 19.76 18.78 |

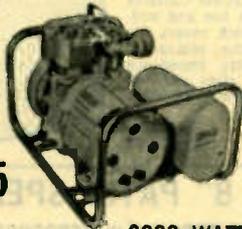
| Stock No. | H.P. | RPM | Mtg. | Volts | Shaft | Shpg. Wt. | Net ea. In Lots of 3 | Net ea. In Lots of 10 |
|-----------|------|------|-------|---------|-------|-----------|----------------------|-----------------------|
| SS-160WX | 1/2 | 1725 | Rigid | 115 | 3/8" | 20 lbs. | 22.28 | 18.51 17.80 |
| SS-161WX | 1/2 | 1725 | Rigid | 115 | 3/8" | 21 lbs. | 27.47 | 22.82 21.95 |
| SS-162WX | 3/4 | 1725 | Rigid | 115/230 | 3/8" | 24 lbs. | 35.02 | 29.12 28.00 |
| SS-163WX | 1 | 1725 | Rigid | 115/230 | 3/4" | 26 lbs. | 53.79 | 44.72 43.00 |

ZEUS PORTABLE POWER PLANTS



190⁸⁸

1250 WATT



431²⁵

3000 WATT

UP TO 24 MONTHS TO PAY SEE PAGE 381

- Permanent Magnet Alternator
- Maintenance-free Design
- Lightweight for Portability

A light weight small size, portable gasoline powered electric generator that features a permanent magnet alternator for maintenance-free operation. Trouble factors such as brushes, windings, belts, slip rings and commutators have been eliminated because there is only one moving part, the permanent magnet alternator. A Briggs and Stratton 3 horsepower, 4-cycle engine gives easy-to-start, long-life dependable service hour after hour. All units deliver 115 VAC.

| | | |
|---|---------------------|------------|
| ML-345WX (1250 watts) | Shpg. wt., 82 lbs. | Net 190.88 |
| ML-346WX (3,000 watts) | Shpg. wt., 195 lbs. | Net 431.25 |
| ML-347WX (3,000 watts, electr. starter) | Shpg. wt., 195 lbs. | Net 487.50 |

AUTOMATIC SIPHON

- Outboards • Generators
- Autos • Power Mowers

139

Automatic — safe — simple pump for transfer of gasoline or any liquid. Pump-type siphon works without putting tube to mouth. Just squeeze the bulb to start the flow. Transparent inserts permit view of liquid flowing. Use for any gas engine equipment. Handy in camp — for plumbers — chemical plants — industrials. Shpg. wt., 8 oz.

HD-725 Net 1.39



DOUBLE END BALL BEARING MANDREL



232

Ideal for small shop or home. Equipped with hardened ball bearings and races. Threaded 1/2" x 20 on each end. 1 1/2" pulley for "V" belt drive. Build your own grinder, sander, buffer, jack shaft, saw, etc. Shpg. wt., 2 lbs.

HO-240 Net 2.32

DOUBLE POWER GRINDER

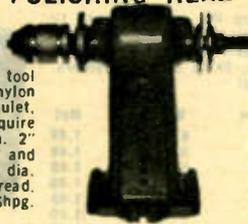


Equipped with double tool rests—will accommodate 4" or 5" grindstone. Comes with DuPont Nylon bearings. These bearings require little or no lubrication, and have outstanding abrasion resistant characteristics. Furnished complete with one coarse and one fine grinding wheel. Shpg. wt., 10 lbs.

HG-121 Net 4.98

GRINDING & POLISHING HEAD

385



Equipped with double tool rests. Has DuPont nylon bearings that insure quiet, smooth running and require little or no lubrication. 2" Pully-universal, for "V" and round belt. Shaft—3/8" dia. x 9 3/4" long—1/2-20 thread. 6 1/2" overall height. Shpg. wt., 7 lbs.

HG-122 Net 3.85

UNBREAKABLE PLASTIC "JERRY CAN"

- For Gas, Water, Juice, Oil—Car, Boat, Barbecue, Lawn Mower
- Will Not Rust, Corrode, Break or Shatter
- Reversible, Self-storage Spout

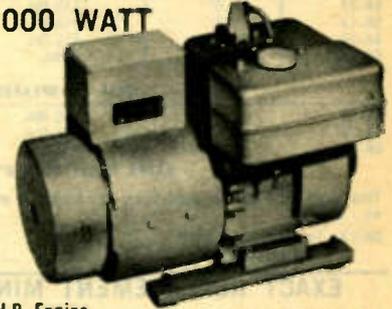


110

Lightweight, unbreakable plastic can ideal for carrying any liquid, for any use. Improved spout for easy pouring, reverses for self storage. Air vent for free pouring. Chemically inert, not affected by oil, acid, etc. Won't dent or break. Built-in carrying handle. 1-gallon size fits in refrigerator.

AA-121 One-Gal. Size; Shpg. wt., 1 1/2 lbs. Net 1.10
AA-122 Three-Gal. Size; Shpg. wt., 2 lbs. Net 2.15

ELECTRIC POWER PLANT 1000 WATT



- 3-H.P. Engine
- 90-Day Parts Warranty
- Regulating Governor
- 1000 Watts Continuous
- 1250 Watts Intermittent

145⁵⁰

A compact, rugged direct coupled power plant. Supplies 115 V.A.C., 60 cycles at 1000 watts continuous, 1250 watts intermittent duty. The engine is a 3 h.p., 4 cycle, air cooled Briggs & Stratton. Operates on regular gasoline. Uses standard weight motor oils. Recoil manual start. Drip-proof, continuous duty, self excited, 2 pole, 3600 RPM generator. Pre-lubricated, sealed, ball-bearing commutator, mica insulated, 3 cycle maximum frequency variation, ± 5% voltage regulation. Gas consumption at 1000 watts, 0.2 gal. per hr.; at 1250 watts, 0.39 gal. per hr. Includes instructions, parts lists and 90 day parts warranty. Made in U.S.A. Shpg. wt., 70 lbs. VIA EXPRESS ONLY.

ML-266WX Net 145.50

1750 WATT POWER PLANT

Delivers 115 V.A.C., 60 cycles at 1750 watts continuous duty, 2000 watts intermittent duty. Air-cooled, 4 H.P., 4 cycle Clinton engine, manual start. Uses regular gasoline and standard motor oils. The generator is a drip-proof, continuous duty, DC self excited, 2 pole, 3600 RPM, revolving armature type. Brushes adjustable. Pre-lubricated, sealed, ball bearing commutator. Max. frequency variation, 3 cycles ± 5% voltage. Duplex outlet, 0-150 V. A.C. meter. Includes instruction and parts manual and 90 day parts warranty. Made in U.S.A. Shpg. wt., 110 lbs. VIA EXPRESS ONLY.

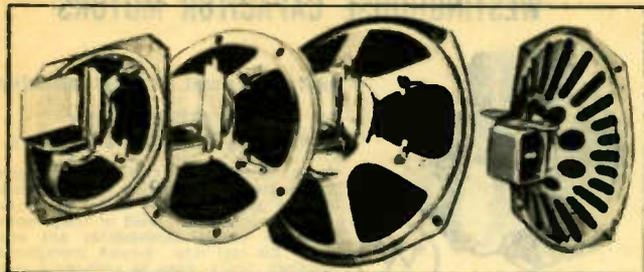
ML-267WX Net 194.50

2500/3000 WATT POWER PLANT

A heavy-duty power plant with all the "extra" features. 5 1/4 H.P., 4 cycle, air-cooled Briggs & Stratton ball bearing engine. Operates on regular gasoline and standard motor oil. Produces 2500 watts, 115 V.A.C., 60 cps, continuous duty; 3000 watts intermittent duty. Gas consumption is 0.65 gal. per hr. at 2500 watts. Fuel Tank holds 6 qts. Continuous duty, drip-proof, D.C. self excited generator, 2 pole, 3600 RPM, revolving armature. Pre-lubricated, sealed, ball bearing construction. Self-cooled via a centrifugal blower. Adjustable copper graphite brushes. Voltage regulation ± 5%, 3 cycle max. frequency variation. Voltmeter reads 0-150 V.A.C. Includes instructions, parts list and 90 day warranty. Made in U.S.A. Shpg. wt., 156 lbs. VIA EXPRESS ONLY.

ML-268WX Net 279.95

Speakers AND Baffles



LAFAYETTE SPECIAL PM VALUES

Fine PM speakers at rock bottom prices. All have 3-4 ohm voice coil * indicates lighter weight magnet

| Stock No. | Size | Shpg. Wt. | Singly, Each | Lots of 3, Each |
|-----------|------|------------|--------------|-----------------|
| SK-11* | 4" | 1 lb. | 1.39 | 1.29 |
| SK-25 | 4" | 1 lb. | 1.79 | 1.59 |
| SK-12* | 5" | 1 lb. | 1.45 | 1.35 |
| SK-26 | 5" | 1 lb. | 1.89 | 1.69 |
| SK-13* | 6" | 1 1/2 lbs. | 2.09 | 1.89 |
| SK-27 | 6" | 1 1/2 lbs. | 2.39 | 2.29 |
| SK-14 | 8" | 2 1/4 lbs. | 2.95 | 2.85 |
| SK-34 | 10" | 4 1/2 lbs. | 3.45 | 3.30 |
| SK-41 | 12" | 5 lbs. | 3.95 | 3.75 |

OVAL PM SPEAKERS

| | | | | |
|-------|-------|------------|------|------|
| SK-16 | 4 x 6 | 1 1/2 lbs. | 2.09 | 1.99 |
| SK-33 | 5 x 7 | 1 1/2 lbs. | 2.39 | 2.15 |
| SK-90 | 6 x 9 | 2 lbs. | 2.60 | 2.50 |

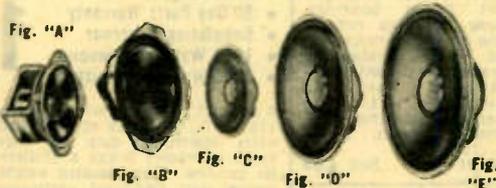
EXTRA HEAVY DUTY 6"x9" PM

This 6"x9" PM has a giant 2.15 oz. Alnico V magnet. Voice coil 3.2 ohm. Shpg. wt., 2 1/2 lbs

SK-17—In lots of 3, each 2.99
Singly, each 3.15

EXACT REPLACEMENT MINIATURE SPEAKERS

- Ideal both for replacement and miniature builders
- From 1/2 to 3" diameter
- From only 1/8 to 1 1/4" deep



Lafayette brings you this selection of fine quality Alnico PM speakers both to solve the problem of replacement in the hundreds of models of Japanese transistor portable sets now requiring service and to provide the experimenter with miniature speakers. SK-65 and SK-66 have mtg. holes on 2" centers; SK-61 on 1 1/2" centers. OHMS is Voice coil impedance. Dimensions given are overall.

| Stock No. | Fig. | Diam. | Depth | Ohms | Wt. | Net |
|-----------|------|--------|--------|------|--------|------|
| SK-61 | A | 1 1/2" | 1 1/8" | 10 | 6 oz. | 1.49 |
| SK-189 | C | 2" | 1 1/8" | 8 | 8 oz. | 1.49 |
| SK-190 | C | 2 1/4" | 1 1/8" | 8 | 8 oz. | 1.49 |
| SK-191 | C | 2 1/2" | 1 1/8" | 8 | 8 oz. | 1.49 |
| SK-65 | B | 2 1/2" | 1 1/4" | 3-2 | 8 oz. | 1.49 |
| SK-66 | B | 2 1/2" | 1 1/4" | 10 | 8 oz. | 1.49 |
| SK-192 | D | 2 3/4" | 1 1/8" | 8 | 8 oz. | 1.49 |
| SK-193 | E | 3" | 1 1/8" | 8 | 10 oz. | 1.49 |

MINIATURE OUTPUT TRANSFORMER

2000 ohm primary to 8-10 ohm secondary only 3/8"x7/8"x1 1/4". Weighs only 3/4" oz. Suitable for most transistor outputs. Shpg. wt., 3 oz. Net .69

OUTDOOR WEATHER-PROOF SPEAKER

- Frequency Response: 100 to 10,000 CPS
- Compact—3 3/4"Wx3 3/4"Hx2 1/2"D
- Enclosed in a Cadmium Plated 20-Gauge Steel Case
- Specially Designed Plastic Impregnated Cloth Speaker Cone

Compact, Weatherproof, Dustproof. Will withstand immersion in boiling water, and is impervious to salt spray. Utilizes a plastic impregnated cloth cone, spider and dust cap material with an aluminum

voice coil and zinc plated frame. Constructed of 20-gauge cadmium-plated steel with 2 coats of baked electrostatic enamel. Equipped with an RCA type phone jack, key slot mounting hole plus a mounting cutout to accept a volume control, on-off or push-to-talk switch. Shock Test: withstands up to 50 G's. Voltage: withstands up to 100 volts RMS. Temperature Extremes: from — 80° F to 160° F. 3.2 ohm impedance. SK-209 Shpg. wt., 5 lbs. Net 4.79

Features famous MICROGAP precision in centering of voice coil, giving increased and uniform sensitivity. All heavily cadmium plated and rust proof construction. All with Alnico V magnets and 3.2 OHM voice coils. 3 1/2" and 4" square. * are pincushion † have transformer brackets.

UTAH MICROGAP PM SPEAKERS

| Stock No. | Size In. | Peak Watts | Mag. Oz. | Fig. | Shpg. Wt. Lbs. | Net Ea. |
|-----------|----------|------------|----------|------|----------------|---------|
| SK-153 | 3 1/2"† | 3 | .68 | A | 3/4 | 2.32 |
| SK-154 | 4 | 5 | 1.47 | A | 1 | 2.68 |
| SK-155 | 4 x 6 | 4 | 1.47 | — | 3/4 | 3.18 |
| SK-221 | 4 x 10 | 8 | 2.15 | — | 1 1/4 | 4.82 |
| SK-156 | 5" | 5 | 1.47 | B | 1 | 2.79 |
| SK-157 | 5 1/4" | 6 | 3.16 | B | 1 1/4 | 3.97 |
| SK-158 | 5 x 7 | 6 | 2.15 | — | 1 1/4 | 4.06 |
| SK-160 | 6" | 8 | 3.16 | B | 1 1/2 | 4.41 |
| SK-161 | 6 x 9 | 10 | 3.16 | — | 2 | 5.47 |
| SK-222 | 7" | 6 | 2.15 | B | 1 1/2 | 4.88 |
| SK-162 | 8 | 10 | 3.16 | C | 2 | 5.29 |
| SK-163 | 12 | 10 | 3.16 | C | 4 | 7.35 |



TAPE RECORDER SPEAKER

5x3" oval. Rated 3 watts peak. 3.2 ohm voice coil. Shpg. wt., 1/2 lb. Net 2.32



MODERN SPEAKER BAFFLES

Well built plywood speaker baffles for indoor public address and paging systems, intercoms, extension speakers, etc. Frieze-design grille cloth, modern walnut finish.

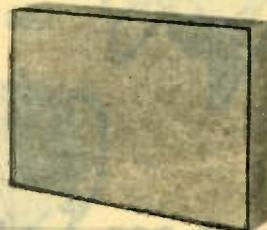
| No. | Description | Singly Each | Lots of 3 Each |
|-------|----------------|-------------|----------------|
| SB-10 | For 5" or 6" | 2.58 | 2.36 |
| SB-11 | For 8" | 2.94 | 2.69 |
| SB-13 | For 10" or 12" | 4.40 | 4.20 |

Picture-Thin 2-WAY SPEAKER SYSTEM

ONLY 15⁸⁵

Only 3" deep, this handsome system contains an inverted 6x9" disc over the low and mid-range plus a 3x5" tweeter which covers the high range and reinforces the mid-range. Power handling capacity 8 watts. Impedance 8 ohms. Size 12x18x3". Mtg. clips supplied to hang on the wall. Screw terminals. Shpg. wt., 6 lbs.

SK-223 Walnut finish Net 15.85
SK-224 Mahogany finish Net 15.85



OUTDOOR 8" PATIO SPEAKER

- WEATHER PROOF — WATERPROOF
- CLEAR Hi-Fi Sound
- Mounts anywhere — Indoors or Out
- Use Two for Stereo

ONLY 11²⁵



Now, the perfect outdoor hi-fi speaker to let you enjoy favorite programs, records and music while relaxing outdoors on your patio; in your yard; at your bar-b-que. Handsome enough for recreation rooms and dens. It is completely wired, ready to install to the radio, phono or intercom system. Unaffected by dampness, humidity, rain or snow, the metal baffle is finished in a golden-bronze enamel. With 3/4" voice coil and 3.16 oz. Alnico V magnet. 8 ohm voice coil impedance. L pad for perfect matching with max. output. Peak power 8-10 watts. Size: 10 1/2"x11 5/8". Shpg. wt., 5 lbs.

PE-155 Net 11.25

ALL WEATHER 8" SPEAKER

Designed to give dependable outdoor service, this high quality 8" P.M. speaker has a 10 oz. magnet. Rated at 18 peak audio watts, it has a 1 1/4" voice coil with an impedance of 8 ohms. It is cadmium plated, irridited, and fungus protected, dust protected and weather proofed. Use this speaker wherever reliable service in bad weather conditions with good quality reproduction are required. Shpg. wt., 4 lbs.

SK-227 Net 9.95



- 10 OZ MAGNET
- 18 WATT PEAK

4" PM SPEAKER IN WOOD BAFFLE

• 25-FT. SPEAKER CABLE WITH PLUG • BUILT-IN JACK For use in multi-speaker low power paging systems, intercom systems, auxiliary bench speaker, etc. 4" PM speaker with heavy magnet. Mounted in 2-tone walnut and black wood baffle. The baffle has sloping-front and enclosed-back acoustic construction and has a built-in jack for plug-in connection of the 25' cable and plug supplied. Speaker voice coil is 3-4 ohms. Shpg. wt., 4 lbs. Imported. SK-108 Net 3.25; Lots of 3, each 2.95



AUTO SPEAKER KITS-ACCESSORIES

NEW SPEAKER KITS FOR TRANSISTORIZED AUTO RADIOS • Features Multi-impedance

Match For 40, 20, 8 ohms or less
• New Slim Line Construction



Lafayette offers a complete line of speaker kits for the new all transistorized automobile radios using speakers of 20 ohms and 40 ohms. Slim line in construction these speakers feature a multi-impedance match for 40, 20, 8 ohms or less.

SPEAKER KITS

Complete 6x9" rear seat kit featuring new multi-impedance Slim line 6x9" speaker; chrome grill, 100 ohm Fader control, 40 ohm adaptor for Motorola Radios, and a 20 ohm adaptor for Automatic radios. Shpg. wt., 6 lbs.

- SK-241 Net 6.25
- SK-242 Same as above, with gold grill Net 5.95
- SK-243 Same as SK-241, but with 5x7" speaker—Chrome Grill Net 6.25
- SK-244 Same as SK-242, but with 5x7" speaker—gold grill Net 5.95

Special Custom Rear Speaker Kit with 6" Slim line multi-impedance speaker, 100 ohms Fader control, 40 ohm adaptor and 20 ohm adaptor for the following cars: Impala, Bonneville, Invicta, and 2 door Custom Autos equipped with 40 ohm Motorola or 20 ohm Automatic radios—less grill 5 lbs.

SK-245 Net 5.70

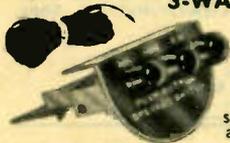
Station Wagon Rear Speaker Kit—includes self-contained multi-impedance 4x6" speaker, 40 ohm and 20 ohm adaptors. Shpg. wt., 6 lbs.

SK-246 Net 6.72

MULTI IMPEDANCE SPEAKERS IN NEW SLIMLINE CONSTRUCTION

| Stock No. | Size | Shpg. wt. | Net |
|-----------|----------------------------|-----------|------|
| SK-247 | 6x9" with jumper wires | 2½ lbs. | 3.25 |
| SK-258 | 6" Round with Jumper wires | 2 lbs. | 2.75 |
| SK-259 | 4x6" with jumper wires | 1½ lbs. | 2.46 |

3-WAY PUSH-BUTTON SWITCH .89



Just push a button to select either front speaker alone, rear speaker alone or both together. Comes completely assembled on black & silver metal plate with cable, hardware and simple instructions. Imported.

Shpg. wt., ½ lb.
MS-890 Lots of 3, ea.75 singly, each89



.64

DUAL-SPEAKER FADER CONTROL

Controls the volume of both front and rear speakers. Gradually reduces volume on one speaker while increasing volume on the other. Control comes completely mounted on black and silver metal plate with ivory pointer knob plus attached wiring for connections to both speakers. With mtg. hardware and instructions. Shpg. wt., ½ lb.

MS-187 Net .64



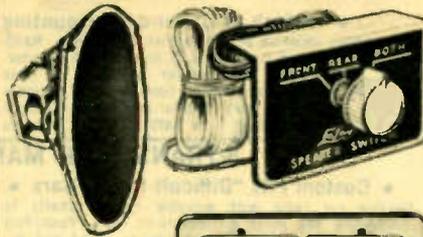
.49

3-WAY SPEAKER SWITCH

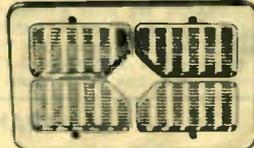
For use with two speakers. Three-position switch gives choice of front speaker alone, rear speaker alone, or both together. Comes completely assembled on black and silver metal plate with ivory indicator knob and attached wiring for connection to both speakers. With hardware and simple instructions. Shpg. wt., ½ lb.

MS-266 Net .49

REAR SEAT AUTO SPEAKER KITS



AS LOW AS
305



6" x 9" KIT WITH CHROME OR GOLD GRILLE

Complete kit for adding second speaker in rear of your car. Includes a 6x9" PM speaker, 3-position selector switch for cutting in front, rear, or both speakers; dial plate with mounting bracket, knob, and hardware; chrome or gold grille; wire; and wiring instructions. Simple to install. Shpg. wt., 5 lbs.

SK-94 Speaker kit chrome grille Net 3.45

SK-196 With gold grille Net 3.45

DELUXE 6" x 9" KIT with 2.15 oz. ALNICO V MAGNET

Same as above but with deluxe speaker with extra-heavy Alnico V magnet (2.15 oz.). This is same speaker used in kits selling at twice the price. Shpg. wt., 5 lbs.

SK-37 Speaker kit chrome grille Net 4.65

SK-197 With gold grille Net 4.65

5" x 7" KIT

Same as SK-94 but with 5x7" speaker and grille. 5 lbs.

SK-42 Chrome grille Net 3.05

SK-198 With gold grille Net 3.05

FADER TYPE AUTO KITS

Rear-seat speaker kits identical to those above except with fader-type controls to cut either speaker in or out or balance both. Shpg. wt., 5 lbs.

SK-55 5x7" kit. Same as SK-42 but with fader control. Chrome grille Net 3.29

SK-199 With gold grille Net 3.29

SK-95 6x9" kit. Same as SK-94 but with fader control. Chrome grille Net 3.69

SK-200 With gold grille Net 3.69

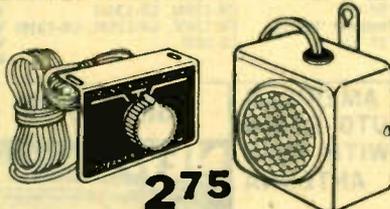
DELUXE 6" x 9" FADER KIT

Deluxe kit with extra-heavy-magnet 6x9" speaker, plus fader control. Shpg. wt., 5 lbs.

SK-56 6x9" kit. Same as SK-37 but with fader. Chrome grille Net 4.89

SK-201 With gold grille Net 4.89

LAFAYETTE REAR SEAT SPEAKER KIT



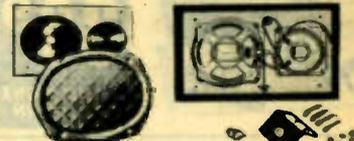
275

• Fits Compacts, Station Wagons • Fits Foreign Cars, Sports Cars • Prewired Self Contained • 3-Position Switch

Here is just the right rear seat speaker for your car. Pre-assembled, self contained, pre-wired switch. Easy to install, it will fit any auto radio in any domestic or Foreign car including station wagons and convertibles. Finished in a gleaming chrome shock resistant case, it can be hung up or clipped on almost anywhere. Includes all necessary wire, instructions and 3-position switch for front, rear or 2-speaker operation. Shpg. wt., 12 oz.

SK-179 Net 2.75

DUAL HI-FI REAR-SEAT SPEAKER KIT*



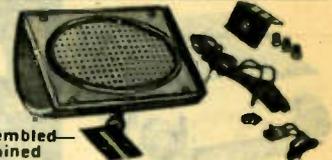
• Woofer-Tweeter-Crossover

"Universal" speaker kit includes two Alnico V units—a 5½" woofer and 3" tweeter with electronic crossover network; chrome grille and baffle which fits regular 6x9" cut-out; plus pre-wired, pre-soldered, 3-position switch.

SK-148 Shpg. wt., 4 lbs. Net 9.49

*See listing below for plug in adaptors for cars with factory supplied radios.

STATION WAGON REAR-SEAT KITS*



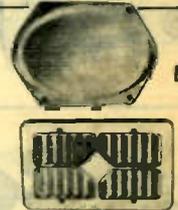
• Fully Assembled—Self Contained

A fully assembled, easy-to-install auxiliary speaker for all station wagons. Single 4x6" Alnico V speaker, chrome grille, swivel bracket, 3-position switch with dial plate and knob. Comes complete with installation instructions and wiring diagram.

SK-149 Shpg. wt., 3 lbs. Net 6.88

*See listing below for plug in adaptors for cars with factory supplied radios.

CHROME AND GOLD SPEAKER GRILLES



AS LOW AS
.79

Handsome perforated metal grilles for rear-seat speaker use or other installations. Avg. shpg. wt., 1 lb.

CHROME GRILLES

- ML-17 4x6" Fig. A90
- ML-69 5x7" Fig. B79
- ML-16 6x9" Fig. C99

GOLD GRILLES

- ML-148 5x7" Fig. B79
- ML-149 6x9" Fig. B99

CUSTOM PLUG-IN ADAPTORS FOR ALL CARS WITH FACTORY-SUPPLIED RADIOS



Preassembled harnesses complete with required plugs, jacks and wire. Includes diagrams and instructions. Avg. shpg. wt., 3 oz.

For Buick 51-58; Chevrolets 55-58; Chrysler 49-54; Hudson 50-55; Oldsmobile 49-54; Pontiac 49-57; Willys 52-54.

MS-934 Net .29

For Chevrolet 53-54 and Automatic Radio EXCEPT Chrysler, DeSoto and Mercury 59-62.

MS-935 Net .49

For Ford 46-59; Lincoln 46-49; Mercury 46-49.

MS-936 Net .69

For Chrysler 55-62; DeSoto 55-62; Plymouth 55-62; Dodge 55-62 and Automatic Radios for Chrysler, DeSoto and Mercury 57-62.

MS-937 Net .49

For Lincoln 51-56; Mercury 50-62.

MS-938 Net .29

For Buick 59-62; Oldsmobile 59-62; Pontiac 58-62; Bonneville 59-62.

MS-939 Net .49

For Chevrolet 59-62; Impala 59-62; Lark 59-62; Studebaker 59-62.

MS-940 Net .59

For Rambler 58-59.

MS-941 Net .69

For Motorola Radios 54-62.

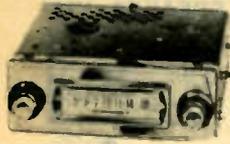
MS-942 Net .29

For Ford 60-62; Edsel 60-61; Falcon 60-62.

MS-943 Net .49

ALL NEW TRANSISTORIZED AUTO RADIOS for **MOTOROLA** FOREIGN & DOMESTIC CARS **COMPLETE WITH FREE MOUNTING KIT**

5-TRANSISTOR MANUAL CAR RADIO



39⁹⁵

NO MONEY DOWN

• **In-dash or Under-dash Mounting**
A tremendous value in an all-transistor car radio. Hand-wired chassis with 5 transistors, 2 diodes, 1 thermistor. Built-in, Golden-Voice hi-fi speaker. Set plays as soon as you turn it on—no warm-up time required. Custom fits most cars, sport cars, trucks and boats—in-dash or under-dash installation. Low battery drain. Features

• **All-Transistor, Hand-Wired Chassis**
full variable tone control, cool chassis operation, band pass circuit, automatic gain control. For 12-volt cars, reverse polarity. Size: 6⁷/₈Wx2¹/₂Hx7¹/₄"D. Shpg. wt., 7 lbs.
CR-128M Model 320T Net 39.95

6-TRANSISTOR MANUAL CAR RADIO



51⁹⁵

NO MONEY DOWN

• **Custom Fits "Difficult to Fit" Cars**
A flexible car radio with movable control shafts to accommodate the most difficult-to-fit cars. Push/Pull audio system gives smooth high-fidelity sound and delivers a full 12 watts of peak power output. Employs 6 transistors, 2 diodes and 1 thermistor in a hand-wired chassis. Low battery drain of only .5 amp. Features

• **Push/Pull Audio System for Hi-Fi Sound**
tures Golden-Voice hi-fi speaker, full variable tone control, automatic gain control. Plays as soon as you turn it on—no warm-up needed. 12-volt cars, negative ground. Size: 7⁷/₈Wx2¹/₂Hx5"D. Shpg. wt., 7 lbs.
CR-129M Model 2MT Net 51.95

ALL-TRANSISTOR PUSHBUTTON CAR RADIO FOR FOREIGN CARS



54⁹⁵

NO MONEY DOWN
BUY ON TIME
SEE PAGE 381

• **Pushbutton Convenience**
Simple, pushbutton convenience with all-transistor power and dependability. Hand-wired, transistor chassis means instant play without warm-up, cool chassis operation, and 64% less battery drain, only .7 amp. Full variable tone control, automatic gain control, band

• **5 Transistors, 2 Diodes, 1 Thermistor**
pass circuit, plus the exclusive Golden-Voice hi-fi speaker. For 12-volt cars, reversible polarity. Size: 6⁷/₈Wx2¹/₂Hx7¹/₄"D. Shpg. wt., 8 lbs.
CR-130M Model 520T Net 54.95

6-TRANSISTOR PUSHBUTTON CAR RADIO For Domestic Cars



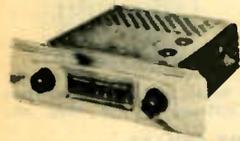
59⁹⁵

NO MONEY DOWN

• **6 Transistors, 2 Diodes, 1 Thermistor**
A new, all-transistor car radio designed to custom fit most domestic cars on the road. The push/pull audio principle results in smooth, uninterrupted sound. Delivers 12 watts of peak power output. Features 30% cooler chassis operation; 64% less

• **Push-Pull Audio System for Hi-Fi Sound**
battery drain; instant play, no warm-up; full variable tone control; automatic gain control. Exclusive Golden Voice 6x9" speaker. Size: 9¹/₄Wx3Hx7"D. For 12 volt cars, negative ground.
CR-131M Model 12AT-2 (6x9 speaker) Net 59.95
CR-132M Model 12AT1S (5x7 speaker) Net 59.95

MODEL 406 — TUBE & TRANSISTOR AUTO RADIO



39⁹⁵

NO MONEY DOWN

• **For 6-Volt System**
Compact radio set that is ideal for custom underdash or in-dash installation. "Golden Transistor" circuit employs 2 transistors and 4 tubes. "Volumatic" constant level output eliminates

fading and distortion. Antenna band pass filter. Reverse polarity. Size: 6⁷/₈Wx2¹/₂Hx7¹/₄"D. Shpg. wt., 6 lbs.
CR-28M Model 406 Net 39.95

Full 1-year warranty on all parts and labor. Manufacturer's guarantee covers free exchange or repair of any component power defective in normal use. Removal and re-installation labor extra. Arranged through your local service dealer.

Consult This Chart to Determine Which Sets Fit American Cars, Sports Cars and Foreign Cars.

The below chart shows the make and model of cars which use the above Motorola Car Radios. The "Use-Set" column indicates the stock number of the radio or

radios which can be used with the different types of automobiles. Use this stock number when ordering. Also list make, model and year of your car.

| MAKE, MODEL AND YEAR | USE SET | MAKE, MODEL AND YEAR | USE SET | MAKE, MODEL AND YEAR | USE SET |
|-------------------------------|---------------------------|-----------------------------|---------------------------|--------------------------------|---------------------------|
| Austin Healy '57-'63 | CR-128M | Falcon '60-'62 | CR-128M, CR-129M, CR-132M | Plymouth '56-'62 | CR-128M, CR-129M, CR-131M |
| Borgward '57-'63 | CR-28M | Fiat 600-1100 '57-'63 | CR-128M | Rambler '59-'62 | CR-128M, CR-129M |
| Buick '54-'62 | CR-128M, CR-129M | Ford '57-'62 | CR-128M, CR-131M | Rambler-American '60-'62 | CR-128M, CR-129M, CR-132M |
| Buick Special (Cmpct) '61-'62 | CR-128M, CR-129M, CR-131M | Hillman Minx '57-'62 | CR-128M | Renault Dauphine 6 V. '55-'58 | CR-28M |
| Chevrolet '58-'60 | CR-128M | Karmann-Ghia (V.W.) '58-'63 | CR-28M | Renault Dauphine 12 V. '58-'63 | CR-128M |
| Chevrolet '61-'62 | CR-128M, CR-129M | Mercedes Benz '58-'63 | CR-128M, CR-130M | Studebaker Lark '57-'62 | CR-128M, CR-129M, CR-131M |
| Citroen 1D-19, DS-19 6 V. | CR-28M | M.G. Magnette, MGA '57-'63 | CR-128M, CR-130M | Sunbeam Rapier '57-'63 | CR-128M |
| Citroen '58-'63 12 V. | CR-128M | Morris Minor '57-'63 | CR-128M, CR-130M | Taurus '58-'63 | CR-28M |
| Comet '60-'62 | CR-128M, CR-129M, CR-132M | Didsmobile F-85 '61-'62 | CR-128M, CR-129M, CR-131M | Triumph TR-3 '58-'63 | CR-128M, CR-130M |
| Corvaire '60-'62 | CR-128M, CR-129M | Opel '57-'63 | CR-28M | Valiant '60-'62 | CR-128M, CR-132M |
| Dodge Dart '57-'62 | CR-129M, CR-131M | Peugeot '58-'63 | CR-128M, CR-130M | Volkswagen '52-'63 | CR-28M |
| Dodge Lancer '61-'62 | CR-128M, CR-129M, CR-132M | Pontiac Tempest '61-'62 | CR-128M, CR-129M, CR-131M | Volkswagen Bus '52-'63 | CR-28M |
| English Ford '57-'63 | CR-128M, CR-130M | Porsche '57-'63 | CR-28M | Volvo PV-44, PV-544 '57-'63 | CR-28M |
| | | | | Volvo 12 V. | CR-128M |

NEW! TRANSISTOR POWERED ALL AMERICAN AUTO RADIO WITH FREE ANTENNA



ONLY 29⁹⁵
NO MONEY DOWN

EASY PAY PLAN SEE PAGE 381
• Instant Sound Without Warm-up
• Convenient Under Dash Mounting
• Low Battery Drain

BUY THE CAR RADIO, GET AN ANTENNA FREE!!
Transistor powered car radio with 2 transistors and 3 tubes for trim under-dash mounting. Plays as soon as you turn it on — no warm-up required. 5" speaker has 1 oz. magnet. Separate tone control; extra speaker jack. For 12-volt, reverse polarity cars. Size: 6x7¹/₂x3". Top cowl mount, 3-section antenna measures 23" closed, 58" open. Total shpg. wt., 5¹/₂ lbs.
CR-134M Radio plus Antenna Net 29.95

GRANCO FM CAR CONVERTER



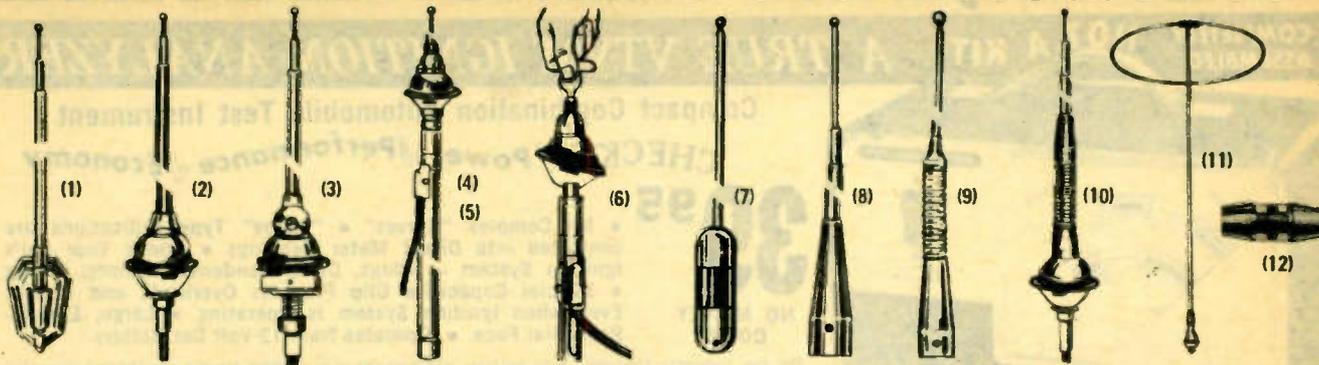
ONLY 39⁵⁰
NO MONEY DOWN

• Exclusive "Auto-G" Coaxial Tuner
• Automatic Frequency Control
• Quick, Under-Dash Installation

Get added pleasure from your auto radio listening with the new Granco FM car converter — lets the incomparable richness of High Fidelity FM travel with you. Features the exclusive "Auto-G" coaxial tuner for highest sensitivity and selectivity. Automatic frequency control locks in stations. Economical to operate too—uses the existing car radio antenna and circuits. Complete 12-volt battery operation. Compact design—book size, 1¹/₄" thick. Stays in place with just 2 screws, 1 wire and antenna plug-in.

(In lots of 6, Each 36.50)
CR-105 Shpg. wt., 10 lbs. Net 39.50

Auto Radio Antennas and Accessories



| | | |
|---|---|--|
| <p>CONTINENTAL SINGLE SIDE MOUNT (1) Continental single side mount for foreign cars. The only aerial that fits a Volkswagen. Flexible adjustment with unique vertical locking. 3 section. Extends to 56". Shpg. wt., 1 lb. AA-135 Net 1.98</p> | <p>LO-BOY DISAPPEARING ANTENNA (5) For shallow installations, foreign and sports cars. Takes only 9 1/2" below fender or deck. Extends to 25" collapses to 3 1/4". 36" permanent lead. Shpg. wt., 1 lb. AA-47 Net 2.29</p> | <p>SPRING BACK REPLACEMENT STAFF (9) One piece, stainless steel, spring mounted replacement staff. 28 1/2" long overall. Mounts over stub of old antenna. Fits all cars. Simple set screw installation. Shpg. wt., 8 ozs. AA-40 Net .99</p> |
| <p>TOP COWL MOUNT (2) 3 section antenna measures 23" collapsed, and extends to 58". Mounts on polyethylene insulator. Shpg. wt., 1 1/4 lbs. AA-21 Net 1.89</p> | <p>KEY-TENNA (6) Slides completely into mounting base and can not be extended without a special key which is provided thus rendering the antenna theft proof. Shpg. wt., 1 lb. AA-136 Net 2.59</p> | <p>"FLEX-O-MATIC" UNIVERSAL ANTENNA (10) Heavy-duty, bounce-back, spring mount. Fully adjustable—mounts anywhere. 3 sections, 56" extended, 24" collapsed. 54" detachable lead. Shpg. wt., 2 lbs. AA-48 Net 2.79</p> |
| <p>UNIVERSAL MOUNT AERIAL (3) Can be mounted anywhere on car. Adjusts to any angle. 3 section, measures 24" collapsed, extends to 58". Complete with 54" lead. Shpg. wt., 1 1/4 lbs. AA-22 Net 2.49</p> | <p>ELECTENNA (7) Replacement antenna and coil. Measures only 17" long. Increase gain over standard 54" antenna by up to 100%. Installs quickly and simply. Shpg. wt., 1 1/2 lbs. AA-31 Net 3.23</p> | <p>FM "HALD" ANTENNA (11) Doubles reception power of FM signals; gives superior AM reception. 16" diameter loop of aluminum flat wire. 29" high—chrome plated brass. Shpg. wt., 1 1/2 lbs. AA-41 Net 4.95</p> |
| <p>DISAPPEARING ANTENNA (4) For concealed installations. Extends to 53". Fully collapsible—only mounting protrudes. 54" permanent lead. Shpg. wt., 2 lbs. AA-24 Net 2.59</p> | <p>REPLACEMENT ANTENNA STAFF (8) 3 section 58" replacement staff. Telescoping staff replaces antenna lost through accident or vandalism. Mounts on stub of broken antenna. Simple hex nut screw mount. Shpg. wt., 8 oz. AA-30 Net 1.10</p> | <p>COILTENNA (12) Boost performance of present antenna up to 400%. Quickly and easily installed. Fits all cars. Shpg. wt., 6 oz. AA-32 Net 2.37</p> |

DELSWIFT AUTO MIRROR-AERIAL
597

A Handsome Side-View Mirror PLUS A Top-Performing Aerial

- Maximum Signal Strength Without Adjustment
- Anti-Glare Mirror
- Eliminates Broken and Stolen Car Antennas

A revolutionary mirror-aerial that combines two jobs into one. Chrome-plated for lifetime luster. No more bent, broken or stolen antennas. Perfect radio reception everywhere, without adjustment. Fully adjustable, flat anti-glare mirror gives wide-angle rear vision. Easy to fit to any car. Complete instructions and installation template included. Shpg. wt., 2 1/2 lbs.
AA-119 Net 5.97

MATCHING MIRROR. Same quality and same base design. Mounts easily and quickly on opposite fender for greater safety. Shpg. wt., 2 lbs.
AA-120 Net 2.37

REPLACEMENT LEADS & SUPPRESSORS

Replacement lead (G) 54" Universal. Shpg. wt., 1 lb.
AA-37 Net 1.35
AA-38 Universal extension lead, 24 inches Net .65
AA-39 Universal extension lead, 36 inches Net .75

Noise Suppressor Kits (M). For all 6-cylinder cars. Includes sparkplug suppressors, distributor suppressor, generator and light or ammeter capacitors. With instructions. Shpg. wt., 6 oz.
MS-418 Net 2.85
MS-419 for 8-cylinder cars Net 3.08

ADAPTERS—JACKS—PLUGS—CONNECTORS

MS-411—(A) Adapter converts Motorola to Delco fitting Net .09
MS-412—(B) Motorola jack Net .13
MS-413—(C) Motorola plug Net .10
Antenna connector (D) Spring-loaded. Use between lead-in and auto radio. Net .10
MS-414

AUTO LAMP REPLACEMENT KIT
AS LOW AS 2.00

- Original Equipment Replacements

Complete set of lamps to replace burned out auto lamps except headlights. Contains 2 stoplight, Signal, Tail and parking lamps; 1 ea. Courtesy lamp, Dome lamp, Signal lamp, Dash lamp, Glove compartment lamp. 2 license plate lamps. 2 small dash lamps. Shpg. wt., 8 ozs.

PL-110 G.M. and Chrysler Prod. 6V Net 2.25
PL-111 G.M. and Chrysler Prod. 12V Net 2.00
PL-112 Ford Products 6V Net 2.10
PL-113 Ford Products 12V Net 2.15

AUTO BUTLER—SWING-AWAY LITTER CONTAINER

- Fits Every Car
- Swings Away Out of Sight
- Removable Washable Plastic Container

Keep your car clean with this easy-to-install Auto Butler. Swings under the dash, keeps litter out of sight. Washable, heavy-duty vinyl container has 125 cubic-inch capacity. Every car should have one.
AA-91 Shpg. wt., 12 oz. Net .89

UNIVERSAL 6 & 12 VOLT VIBRATORS
AS LOW AS .95

All types may be assorted for quantity prices.

Direct replacements for most popularly-used types. All brand new factory-fresh stock. Made by leading national manufacturers. Fully guaranteed. Shpg. wt., 1/2 lb.

STOCK NO. MS-14 6-VOLT 4-PRONG
Replaces MALLORY 294, 859, 901M, Radiart 5300, 5301; and many others.

STOCK NO. MS-127 12-VOLT 3-PRONG
Replaces Buick, Olds, Pontiac and GM part no. 122-0155; Mallory G874, CD 6330, Delco 8550; and Vokar 3129.

STOCK NO. MS-128 12-VOLT 4-PRONG
Replaces Mallory G859, Motorola 48522000, Philco and Mopar 83-0025-1, ATR 1340, Vokar 4124; and most later 12-volt car-radio vibrators.

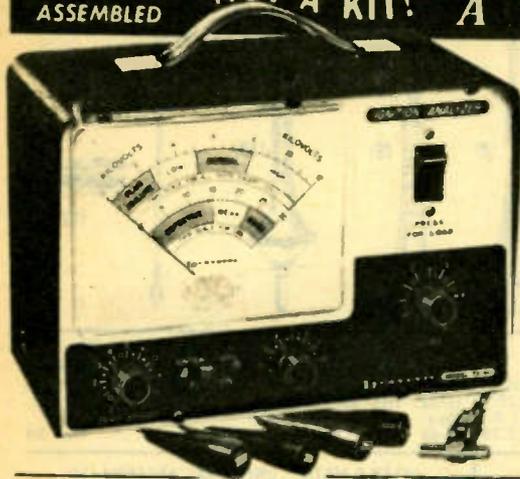
| | | | | | |
|---------|------|------|-------|-------|-----|
| Lots of | 1-4 | 5-9 | 10-24 | 25-99 | 100 |
| Net ea. | 1.29 | 1.19 | 1.09 | .99 | .95 |

MALLORY REPLACEMENT VIBRATORS
Replacements for all popular sets. Consult "Mallory Vibrator Guide" for correct replacement unit. Mallory Vibrator Guide. Free with order for Mallory Vibrators.

| Stock No. | Type No. | Net ea. |
|-----------|-----------------------|---------|
| VB-23 | 2 VOLTS T4002 | 6.29 |
| VB-25 | 4 VOLTS W1601/W859 | 2.88 |
| VB-29 | 6 VOLTS 294 | 2.88 |
| VB-31 | 509P | 2.44 |
| VB-32 | 716 | 4.53 |
| VB-44 | 1601/859 | 2.76 |
| VB-46 | 1604/1100 | 2.88 |
| VB-47 | 1701 | 5.65 |
| VB-53 | 1802/245 | 4.93 |
| VB-59 | 12 VOLTS G294 | 5.03 |
| VB-12 | G1501/G4501 | 4.06 |
| VB-13 | G1601/G859 | 2.76 |
| VB-14 | G1602/G883 | 2.76 |
| VB-16 | G1801/G4549 | 5.03 |

NEW! Lafayette ELECTRONIC AUTO TESTER

COMPLETELY ASSEMBLED NOT A KIT! A TRUE VTVM IGNITION ANALYZER



Compact Combination Automobile Test Instrument

CHECK ✓ Power ✓ Performance ✓ Economy

39⁹⁵

NO MONEY DOWN

- No Complex "Curves" • "Scope" Type Indications are converted into Direct Meter Readings • Check Your Car's Ignition System — Plugs, Coils, Condenser, Points, Wiring
- Special Capacitive Clip Prevents Overloads and Shocks Even when Ignition System is Operating • Large, Easy-to-Read Dial Face • Operates from 12-Volt Car Battery

The new Lafayette Electronic Auto Analyzer will pinpoint auto ignition trouble quickly and accurately without confusing curves or complicated interpretations. As accurate as an expensive oscilloscope, the TE-40 incorporates a highly sensitive VTVM to locate troubles in coils, plugs, points, condensers, etc. without any circuit drain. The large, easy-to read multi-colored meter eliminates complicated curves and scope interpretations—you get direct, simple readings. Featured is a variable resistance loading circuit which simulates a heavy engine load such as driving at high speed or hill climbing—you test under conditions simulating actual driving. The TE-40 also has a special capacitance clip which enables you to make high voltage measurements, including surges, without danger of shock. Operates on 12-volt auto batteries. Complete, ready-to-use with detailed operating instructions.

Net 39.95

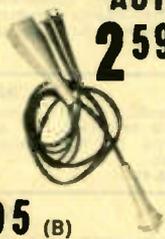
AUTOMOTIVE TESTING EQUIPMENT



(A) MOTOR ANALYZER

All the advantages of a well-equipped service shop in a light, hand-held package. Ideal for do-it-yourselfers, sports car Rallyers, etc. The Analyzer enables you to test ignition coil output, spark plugs, insulation break-downs; locates poorly adjusted carburetor, sticky or burnt valves, weak valve springs; checks valve timing, choke, muffler, vacuum tank, manifold, fuel pump vacuum and pressure and vacuum operated equipment. 14Wx7 3/8 Hx3 1/2" D. Shpg. wt., 5 1/2 lbs.

AA-49 Net 15.95



(B) REMOTE STARTER SWITCH

Eliminates the need of a second man when making compression, fuel pump, generator, starter, and electrical tests. Permits the mechanic to crank the engine from any position. Shpg. wt., 1/2 lb.

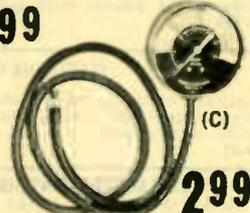
AA-50 Net 2.59



(C) MOTOR GUIDE-VACUUM FUEL PUMP TESTER

Combination motor guide, vacuum and fuel pump tester, 4 color zones: Economy Driving, Fast Pick-up, Coasting and Idle. Promotes good driving habits and economical gas mileage. Warns when tuneups are necessary. Shpg. wt., 12 oz.

AA-51 Net 2.99



(D) COMPRESSION TESTER

Gives quick, accurate readings of compression pressure. Merely unscrew the spark plug, plug tester into spark plug hole and read pressure. 2 1/2" dial reads to 300 lbs. Stem is offset 15° for reaching back cylinders. Complete with instructions. Shpg. wt., 12 oz.

AA-52 Net 2.99



(E) STANDARD TIMING LIGHT

Employs the stroboscopic principle of light synchronized with motion for adjustment and setting of ignition timing under actual operating conditions. Shpg. wt., 1 lb.

AA-53 Net 2.99

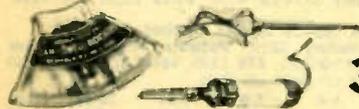


(F) TACHOMETER

Here's the instrument for the most important check of an engine's performance: the RPM test. Tests 4, 6 and 8 cylinder engines with both 6 and 12 volt systems. Operated by two inexpensive penlight batteries which last about a year. Large dial reads 0-1000 and 0-5000 RPM. Shpg. wt., 2 1/2 lbs.

AA-54 Net 28.50

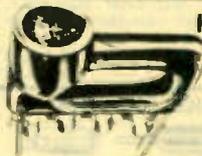
CAM-DWELL INDICATOR



395

A high quality instrument for solving all CAM-DWELL problems. Checks the number of degrees a distributor can rotate while the breaker points remain closed. Too much rotation means points are set too close, too little means breaker points are not closed long enough for adequate build up of the magnetic field in primary coil, permitting arcing across points. Requires no electrical outlet. Distributor need not be removed. Compact, portable. Complete with case and includes chart showing specifications for all popular cars.

AA-98 Shpg. wt., 2 lbs. Net 3.95



HANSEN BATTERY CELL TESTER

479

The Hansen Model 12 Tests battery cells under load simply, accurately! Special alloy shunt between adjustable legs places 200 amp load on battery during test. Eliminates guesswork of unloaded testing. 3-color dial reads bad, weak, and good battery condition. Rugged molded grip design fits all batteries. Indicates ability of battery to delivery power. Locates corroded cables, loose connections, etc.

AA-139 Shpg. wt., 1 1/2 lb. Net 4.79

6-12 VOLT AUTO, BOAT AND TRAILER TESTER



(A) Use this tester on any low voltage system from 3 to 24 volts. One can quickly find broken wires, loose connections, bad fuses, faulty sockets, etc. This tester is ideal for boat owners or anyone who tinkers around with his automobile.

AA-137 Shpg. wt., 3 oz. Net 1.39

(B) SPARK-PLUG TESTER. The new Marfree "Spark-Plug Tester" will quickly find a shorted plug by just placing the tester over the insulator or the distributor cable. Also doubles as a screw driver.

AA-138 Shpg. wt., 3 oz. Net .89

NON-THERMO BATTERY HYDROMETER



Perfect for testing small batteries and batteries mounted in close quarters. Three-color float scale clearly marked "Poor," "Fair," "Good." Soft rubber tip will not damage battery plates. Float calibration: 1.100-1.300 in .05 subdivisions.

AA-140 Net 1.29

THE AUTO BARO-ALTIMETER

- Shows Changes in Altitude While Driving
- Forecasts Weather

595

Forecasts weather and indicates your exact altitude. Meter reads altitude from -400 to 10,000 feet above sea level, housed in durable vibration-proof plastic case. Complete with mounting bracket, installation and operation instructions.

F-483 (Imported) Net 5.95



GLENN'S NEW AUTO REPAIR MANUAL '51-'62

Bigger and more comprehensive than ever! More than 1,200 large 6 1/2"x10" pages; 3,000 how-to-do-it pictures; 250,000 car repair facts. Covers every essential repair process carried on in the service field. The book is logically arranged by topics, starting with a comprehensive chapter on trouble shooting to assist the mechanic in locating the defective unit. The new 1962 Appendix contains all specifications required to service American automobiles and also over 100 current production models of the 35 largest foreign car manufacturers. Also contained is a truck section.

BK-40 Postpaid in U.S.A. Net 7.60

SPARK PLUGS - TUNE UP KITS - CONVERTERS



DISKOMATIC
100% AUTOMATIC



- Precision made replacement for all ordinary SPARK PLUGS
- Reacts AUTOMATICALLY to all engine temperature changes
- For the higher horsepower, compression and voltage of modern cars

100% AUTOMATIC SPARK PLUGS

Check chart below for correct type for your car

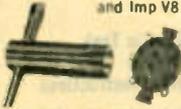
| Stock No. | Type | Description | Net | Stock No. | Type | Description | Net |
|-----------|------|-------------|------|-----------|------|-------------|------|
| AA-132 | 9C | Set of 4 | 4.60 | AA-95 | 22C | Set of 8 | 9.20 |
| AA-92 | 9C | Set of 6 | 6.90 | AA-96 | 45C | Set of 6 | 6.96 |
| AA-93 | 9C | Set of 8 | 9.20 | AA-97 | 45C | Set of 8 | 9.20 |
| AA-94 | 22C | Set of 6 | 6.90 | | | | |

These amazing Thermo-Statistically Controlled spark plugs are different both in construction and in performance. Built to deliver up to 40% more voltage to the points, they produce more power, and greater gas savings! Special chamber sets up a combustion turbulence each time the plug fires, keeping the insulator and points always clean of carbon lead and oil deposits! At low speed stop-and-go driving the Thermo-Disk Automatically moves away from the electrode producing a spark so hot that it completely burns away all lead

and carbon deposits. At higher speeds the Thermo-Disk again Automatically moves back to the electrode preventing power-robbing pre-ignition! The exclusive Monitor-type Ventilated Brass cap prevents overheating. Equipped with OH* non-pitting, non-burning electrode that assures Longer Gas Life and Instant starting! Insulators are of a specially designed heat dissipating type. Has special built-in double locking gaskets. No compression leakage! Shpg. wt., per set of 6: 1 1/2 lbs.; per set of 8: 2 lbs.

Use This Chart To Select Proper Type for Your Car

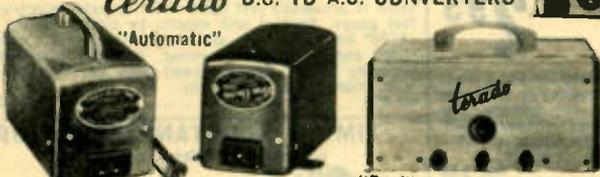
| MAKE | YEAR | TYPE | MAKE | YEAR | TYPE | MAKE | YEAR | TYPE |
|-----------|----------------|------|----------|-------|------|--------------|------------|------|
| Buick | 53-62 | 9C | Chrysler | 59-62 | 9C | Plym, 6 Cyl. | 60-62 | 22C |
| Cadillac | 53-62 | 9C | Corvette | All | 9C | Pontiac | 50-62 | 9C |
| Chevrolet | 58-62 "W" | | Dodge | 50-62 | 9C | Rambler | All | 9C |
| | Ser V8 and II | 22C | Ford | 46-54 | 9C | Renault | All | 9C |
| Chevrolet | 53-62 (others) | 9C | Ford | 55-62 | 45C | Studeb. | 56 Gold H | 22C |
| Chrysler | 46-54 | 9C | Mercury | 46-54 | 9C | Studeb. | 46-62 | 9C |
| Chrysler | 54 Wind V8 | 22C | Mercury | 55-62 | 45C | T'Bird | All | 45C |
| Chrysler | 55-58 Wind V8 | 9C | Olds. | 50-62 | 9C | Volks Wag. | All | 9C |
| Chrysler | 54-58 N. York | | Opel | All | 9C | Volvo | All With | |
| | and Imp V8 | 22C | Plymouth | 46-62 | 9C | | 14mm Heads | 9C |



SPARK PLUG WRENCH AND GAP GAUGE SET

For removal of most spark plugs and adjustment of spark gap. Gauge provides 6 different gaps. With wrench handle. Shpg. wt., 1 lb. IMPORTED. Net .77 HO-898

terado D.C. TO A.C. CONVERTERS



These are small, convenient power units used for converting 6 or 12 volts D.C. to 110 A.C. for operating electrical appliances that work on 110 A.C. only. Units are equipped with cigarette lighter plug-in, or direct connection to car battery in the case of the larger wattage converters. Choice depends on maximum load of equipment operated—such as electric shavers, radios, phonos, tape recorders, small power tools, mixers and blenders, etc. Special "hash-free" filtering in all units, except 50103 for auto shaver.

| Stock No. | Type | Input DC Volts | Watts | Size | WL Lbs. | Net |
|-----------|-------|----------------|-------|------------------------|---------|-------|
| CV-11 | 50102 | 6 | 10 | 2 x 3 x 4" | 2 | 9.12 |
| CV-12 | 50103 | 12 | 15 | 2 x 3 x 4" | 2 | 9.12 |
| CV-13 | 50115 | 6 | 35 | 2 1/2 x 2 1/2 x 4 1/2" | 3 | 15.66 |
| CV-14 | 50116 | 12 | 40 | 2 1/2 x 2 1/2 x 4 1/2" | 3 | 15.66 |
| CV-15 | 50126 | 6 | 60 | 4 x 5 x 6" | 8 | 32.65 |
| CV-16 | 50127 | 12 | 75 | 4 x 5 x 6" | 8 | 32.65 |
| CV-18 | 50137 | 6 | 75 | 4 x 5 x 6" | 9 1/2 | 45.73 |
| CV-19 | 50138 | 12 | 100 | 4 x 5 x 6" | 9 1/2 | 45.73 |
| CV-17 | 50134 | 12 | 85 | 4 x 5 x 6" | 9 | 37.88 |
| CV-20 | 50153 | 12 | 175 | 5 x 5 x 11" | 22 | 71.87 |

NEW! TERADO "DYNAMO" • Convert Your Table Model Radio to a Car or Boat Radio

Operate any small radio in any 12 volt car, truck, boat or trailer. No installation—just plug into cigar lighter. Needs no outside antenna—table radios will operate on their own built-in antenna. Will also operate your electric shaver or any electric appliance up to 20 watts. Complete with generator condenser and ignition noise suppressor. Measures only 2" x 2" x 3 3/4". Shpg. wt., 2 lbs. Net 8.46 CV-26

TERADO QUIK-SHAVE

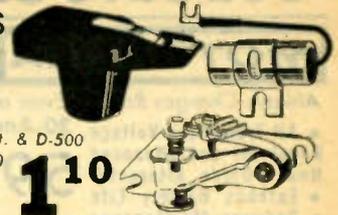


Any shaver, new or old, gives super performance with QUIK-SHAVE, which changes household AC electricity into jet powered DC. Lengthens shaver life. Up to 88% more cutting power for faster, closer, more comfortable shaves. Plug QUIK-SHAVE into wall outlet, attach shaver cord, and shave twice as fast! CV-10 Shpg. wt., 8 ozs. U.L. Approved Net 8.55

Ignition TUNE UP KITS

- Preassembled-Matched — Ventilated Points • Precision Engineered FOR YOUR Car • Heavy Duty — Longer Operating Life • Install Quickly, Easily — No Special Tools Required

*Windsor & Saratoga Except CC Dist. & D-500
**Except IBS Dist. ††New Yorker & 300



As Low As

1 10

Replace worn ignition parts for increased performance—easy starting—more gas economy. Needs no special tools. Factory assembled, perfectly matched and aligned, heavy duty points. Ventilated for cooling and self-cleaning action. Hi-dielectric rotor won't leak impulses. Moisture proof condenser. Complete set installs quickly and easily—in minutes. Shpg. wt., 10 ozs.

| Car Model | Year | Stock # | Net, ea. | Car Model | Year | Stock | Net, ea. |
|-------------------|----------------|---------|----------|--------------------|-------|-------|----------|
| Ambassador | 56-59 | AA-73 | 2.55 | Falcom | 60-62 | AA-76 | 1.10 |
| | | AA-80 | 1.70 | Ford, 6 cyl. | 49-62 | AA-76 | 1.10 |
| Buick | 53-56 | AA-70 | 1.60 | 8 cyl. | 49-53 | AA-76 | 1.10 |
| | 57-62 | AA-74 | 2.35 | 8 cyl. | 54-56 | AA-77 | 1.10 |
| Cadillac | 51-55 | AA-68 | 1.70 | 8 cyl. | 57-59 | AA-78 | 1.35 |
| | 56-57 | AA-73 | 2.55 | 8 cyl. | 60 | AA-83 | 1.55 |
| | 58-62 | AA-74 | 2.35 | 8 cyl. | 52-56 | AA-77 | 1.10 |
| Chev., 6 cyl. | 53-60 | AA-69 | 1.35 | Lincoln | 58-59 | AA-78 | 1.35 |
| 8 cyl. | 55-56 | AA-71 | 1.60 | | 60-62 | AA-83 | 1.55 |
| 8 cyl. | 57-60 | AA-74 | 2.35 | Mercury | 49-53 | AA-77 | 1.10 |
| Chrysler, 6 cyl. | 50-54 | AA-63 | 1.45 | | 54-56 | AA-77 | 1.10 |
| 8 cyl. | 51-55 | AA-64 | 2.35 | | 57-59 | AA-78 | 1.35 |
| 8 cyl. | 56 | AA-66 | 1.53 | | 57-59 | AA-83 | 1.55 |
| 8 cyl. | 57-59 | AA-65 | 1.55 | | 62 | AA-68 | 1.70 |
| 8 cyl. | 60-62 | AA-80 | 1.70 | Oldsmobile | 51-54 | AA-68 | 1.70 |
| ††8 cyl. | 60-62 | AA-81 | 2.69 | | 55 | AA-72 | 1.58 |
| Comet | 60-62 | AA-76 | 1.10 | | 56-62 | AA-74 | 2.35 |
| Continental | 56 | AA-77 | 1.10 | Plymouth f6 cyl. | 50-60 | AA-63 | 1.45 |
| | 58-59 | AA-78 | 1.35 | (CC Dist.) 6 cyl. | 60-62 | AA-79 | 1.75 |
| | 60-62 | AA-83 | 1.55 | 8 cyl. | 61 | AA-64 | 2.35 |
| Corvaire | 60-62 | AA-82 | 1.85 | 8 cyl. | 55 | AA-69 | 1.35 |
| DeSoto | 56 | AA-66 | 1.53 | **8 cyl. | 56 | AA-66 | 1.53 |
| | 57 | AA-65 | 1.55 | (IBS Dist.) 8 cyl. | 57-60 | AA-65 | 1.55 |
| | 58-62 | AA-80 | 1.70 | | 60-62 | AA-81 | 2.69 |
| | (Advtr.) 60-62 | AA-81 | 2.69 | Pontiac | 55-56 | AA-72 | 1.58 |
| Dodge f6 cyl. | 50-60 | AA-63 | 1.45 | | 57-62 | AA-74 | 2.35 |
| (CC Dist.) 6 cyl. | 60-62 | AA-79 | 1.75 | Rambler, 6 cyl. | 50-55 | AA-67 | 1.25 |
| 8 cyl. | 53-55 | AA-64 | 2.35 | 6 cyl. | 56-59 | AA-75 | 1.60 |
| 8 cyl. | 56 | AA-66 | 1.53 | (6010) | 61 | AA-69 | 1.35 |
| †8 cyl. | 57-60 | AA-65 | 1.55 | 8 cyl. | 60-62 | AA-73 | 2.55 |
| (CC Dist.) 8 cyl. | 60 | AA-80 | 1.70 | 8 cyl. | 60-62 | AA-80 | 1.70 |
| (D-500) 8 cyl. | 60 | AA-81 | 2.69 | Studebaker | 51-59 | AA-68 | 1.70 |
| Edsel, 6 cyl. | 59-60 | AA-76 | 1.10 | | 60-62 | AA-73 | 2.55 |
| 8 cyl. | 58-59 | AA-78 | 1.35 | Valiant | 60-62 | AA-79 | 1.75 |
| 8 cyl. | 60 | AA-83 | 1.55 | | | | |

CORNELL OUBILIER DC to AC CONVERTERS

Change 12 volts DC from any car or boat battery to 110 volts AC at power ratings listed below.

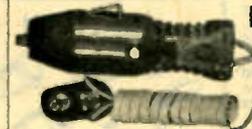


| Stock No. | Model | Watts | Inter. | Cont. | Size | Wt. Lbs. | Net |
|-----------|-------|-------|--------|-------|------------------------|----------|-------|
| CV-36 | 12SP2 | 30 | 25 | | 2 1/2 x 3 7/8 x 2 5/8" | 3 | 8.77 |
| CV-45 | 12L8 | 100 | 80 | | 6 1/4 x 8 x 5 1/2" | 13 | 25.82 |
| CV-46 | 12H15 | 175 | 150 | | 7 1/2 x 11 x 6 1/2" | 22 | 57.04 |

NEW! RADIO TRANSVERTER

Converts Transistor Radio to Car Radio

- For all 9-Volt Transistor Radios
- Plugs into Cigarette Lighter
- Fits all Cars



Now you can avoid the expense of buying a car radio with this new radio transceiver. Simple to operate—remove 9-volt battery from your transistor radio, connect contacts from transverter to battery contacts in the radio, and then plug into the cigarette lighter. Fits all cars. AA-102 For 12-volt Cars. Shpg. wt., 6 ozs. Net 1.47
AA-103 For 6-volt Cars. Net 1.47

147

NEW! DYNAMIC HIGH POWER INVERTER

Ideal For TV, HI-FI, CB & Ham Equipment

- Completely Transistorized
- Exceptionally Stable
- Ruggedly Constructed

NO MONEY DOWN **4995**

The Dynamic Television Inverter is just the right power converter capable of operating any TV, CB, Ham or HI-FI rig from any 12 volt battery source. Completely transistorized, it features the same output power characteristics as AC house power. No loss of B in TV brilliance. Has excellent stability under loads to 220 watts. The Dynamic inverter is equipped with a heavy gauge line cord for connection to a 12 volt battery. Not recommended for motors or fluorescent lights. Complete with instructions and 90 days warranty. CV-57 Shpg. wt., 5 lbs. Net 49.95



You Save On-LAFAYETTE'S AUTO ACCESSORIES

MOTOROLA

ALL-ELECTRONIC ALTERNATOR SYSTEM

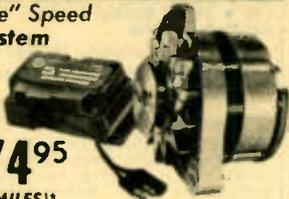
Always Charges Battery Even at "Idle" Speed

- All-Transistor Voltage Regulator and Advanced New 7-Diode Alternator
- Extends Battery Life
- Reduces Maintenance Cost Caused by Generator and Regulator Failures

30-Amp System **59⁹⁵**

45-Amp System **74⁹⁵**

• **GUARANTEED FOR 3 YEARS (OR 30,000 MILES)***



This is the low cost solution to the heavy demands made by your car on its electrical system. The new Motorola alternator eliminates all the fuss and expense caused by chronic run-down battery due to generator and voltage regulator failures. Unlike D.C. generators, it supplies a charge at idle speeds and keeps the battery at a uniform high level of charge. The all-transistor voltage regulator has no contact points to stick or burn. The alternator is 50% smaller than a generator and weighs 50% less. Guaranteed for 3 years or 30,000 miles.*

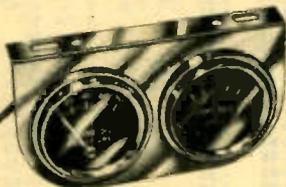
Motorola's advanced new alternator fits all domestic cars with 12-volt, negative ground electrical systems. Available in 2 sizes: 30-amp for autos and light trucks; 45-amp for police cars, taxis, and heavy duty use. The complete system includes: alternator (with standard-size pulley); all-transistor regulator (with all connecting wires); universal mounting bracket; instructions for installation in less than 1 hour.

AA-109 30-Amp (shpg. wt., 11½ lbs.) Net 59.95
 AA-110 45-Amp (shpg. wt., 13¼ lbs.) Net 74.95

*Manufacturer's guarantee covers repair or replacement of parts within 3 years or 30,000 miles (whichever occurs first).

LAFAYETTE ILLUMINATED AMMETER & OIL PRESSURE GAUGES

4⁹⁹



- Complete with Cable and All Standard Fittings

DON'T trust flashing indicator lights—a burned out bulb can ruin your motor or strand you with a dead battery. All cars with warning lights for oil and battery need these precision gauges. Lights only indicate when oil pressure falls below 15 lbs. or whether or not the generator is working. These Lafayette gauges will replace your panel lights (or if you wish to use both lights and gauges, buy the Tee fitting listed below). Keep a constant check on the condition and performance of your car's electrical and oil pressure systems. The ammeter calibrated in a 60-0-60 scale measures the actual rate of current flow... helps prevent generators from burning out and overcharging or discharging the battery. Exact oil pressure from 0 to 80 lbs. is indicated. Easily installs in any 6 or 12 volt car below the dash, without drilling or can be mounted right in the dash. Both meters are mounted in an attractive chrome panel. Easy to read meters feature 1¾" diam. black dial faces with calibrations in white. Size: 5½x2½x2½". Supplied with 6 and 12 volt bulbs and wire, all necessary fittings plus full instructions.

AA-105 Imported. Shpg. wt., 1½ lbs. Net 4.99
 MS-912 Tee Fitting Net .49

Magnetic UTILITY LIGHT



4⁹⁵

- Hi-Intensity Lamp
 - Powerful Magnet Holds Anywhere on The Car
 - Leaves Both Hands Free To Work
- High intensity trouble lamp for car or boat. Powerful magnetic base holds easily to metal surface. Double ball joint for use at every possible angle. Long life, horizontal filament. Heavy chrome plate over brass plated steel. 15 ft. cord gives plenty of leeway in positioning. Includes red filter for use as a warning light, lighter plug and vinyl case for storage. For 12V. DC only. Shpg. wt., 1 lb. Imported

F-631 Net 4.95
 Spare Bulb for F-631 Net .28
 F-632 Shpg. wt., 2 oz.

RADAR ALERT warns of radar traffic zones

- Dual Band Circuit Detects Radar Beams on Both "S" and "X" Frequencies
- Gives Advance Warning Within ½ Mile Range
- Miniature and Completely Transistorized
- No Wires or Antennas Needed



34⁹⁵ NO MONEY DOWN

BUY ON TIME SEE PAGE 381

Radar Alert, the miniature electronic detector, warns you of radar traffic zones in advance—up to ½ mile away. The Dual-Band circuit detects all commonly used police radar speed meters and traffic control devices to promote safer driving. Miniaturized and completely transistorized. Radar Alert does not require wires or antennas. Constructed of top quality components; printed wiring; 8 transistors; two 1,000 hour mercury cell, self-testing batteries (equivalent to 35,000 miles of driving at 35 M.P.H.). Magnesium case eliminates radio, TV and other interference. Weighs only 13 ozs., measures 3½x2¼x3¼"D; clips to sunvisor. Complete with batteries, sunvisor clip. Instructions included.

AA-104 Shp. wt., 1½ lbs.

Net 34.95

Lafayette HOT CAR-GO Starts Your Car INSTANTLY



OUR LOWEST PRICE EVER!

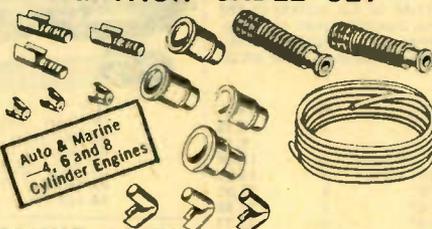
- Starts Wet or Cold Motors Instantly
- Saves Battery and Gasoline
- Installs Easily and Quickly
- 6 and 12 Volt Cars

2⁹⁵

Avoid excess wear and tear on your motor and battery—Install Lafayette's Hot Car-Go. Provides 5 times the normal spark for fast starting in any weather, and automatically disconnects when engine is running. Will not damage plugs or distributor. Simple to install—Instructions included. Shpg. wt., 1 lb. Imported

MS-784 Net 2.95

IGNITION CABLE SET



- Easier, Quicker, Surer Starts in All Weather
- Seals Out Dirt, Dampness, Rain, Snow

2⁷⁹

Eliminate car starting problems in any weather. Ideal for marine use too. Keeps the moisture out, the spark in. 8-cylinder set consists of 27½-ft. ignition wire, 8 angle spark plug terminals, 8 straight spark plug terminals, 10 distributor wire terminals, 8 spark plug protectors (plastic drycaps), 9 distributor nipples, 1 ignition coil nipple (plastic hydra-caps). Shpg. wt., 2 lbs. AA-130 Net 2.79

4 & 6-CYLINDER SET. As above but with 20-ft. ignition wire; 8 distributor wire terminals; 7 distributor nipples; 6 each angle spark plug terminals, straight spark plug terminals, spark plug protectors; 1 ignition coil nipple. AA-131 Net 2.15

NEW! VOLKSWAGEN GAS TANK GAUGE ASSEMBLY

12²⁹



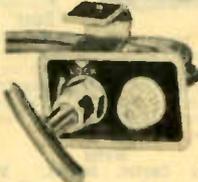
- Tells Amount of Fuel in Tank
- Illuminated Type Gauge
- Complete Installation Instructions

The VW is factory equipped with a valve operated reserve fuel tank but no fuel gauge. The gas tank gauge assembly prevents running out of gas when reserve valve is accidentally left open. Float operated electrical fuel gauge. Sending unit mounts by simply drilling a 11/30" hole. Receiving unit is furnished with chrome stripe panel for dash mounting. Complete with light mounting bracket, socket, 6-volt bulb, and installation instructions. Shpg. wt., 2 lbs.

MS-889 Net 12.29

TIMING & OCTANE SELECTOR

Increases Gas Mileage & Horsepower



- Advances or Retards Spark As You Drive
- Spark Indicator Light Shows Engine Load

4⁵⁴

Recover the gas mileage and power your car is now wasting with this Timing and Octane Selector. Enables you to dial-in the most effective spark timing from the dash, as you drive. Harmful ping and spark knock are eliminated—you get premium performance from regular gas. Will not interfere with your distributor's advance mechanism. Mounts on your dash. Simple, do-it-yourself installation instructions—no tools needed.

AA-112 Shpg. wt., 1¼ lbs. Net 4.54

NEW! AUTOMOTIVE TOGGLE SWITCH

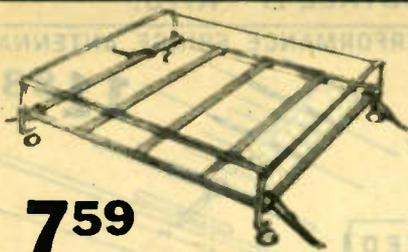


.99

- Paddle Handle—Flick Action

Imported Shpg. wt., 3 oz.
 Automotive SPST Toggle: Rated 6 Amp 125V or 3 Amps 250 V. Max. Voltage is 1000V AC with .010 ohm contact resistance. Designed for dash board or instrument installation. Measures 1¾" long x 1¼" W. mounting shaft 3/8" L. x 1/4" Diam. 1¾" Toggle. SW-84 Net, ea. .99 In lots of 10, ea. 95

AUTO ACCESSORIES



759

BASKET CARRIER

BASKET CARRIER—Take advantage of the low, low price. Five sturdy steel slats; all metal parts finished in baked-on auto enamel. Top quality web straps and gutter hooks. Four heavy-duty suction cups. Easy-to-assemble. 37½x42x6". Shpg. wt., 20 lbs.
ML-214 Net 7.59

BAR CARRIER



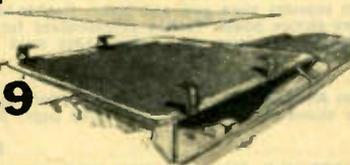
370

BAR CARRIER—A quality product at a big saving! Rigid 1-piece construction with attractive, baked-on enamel finish. Suction cups assure positive grip. Completely assembled. 42" long. Shpg. wt., 5 lbs.
ML-213 Net 3.70

NEW! "CARRI-ALL" KIT

Custom Car Carrier

449



Now a car-carrier you can adapt to fit your individual needs. Cross members can be of wood, metal, plywood, aluminum . . . one piece to cover the entire car roof, or bars fitted at different angles for the best support. You supply the crossmembers best able to fit your job. For passenger cars, station wagons, trucks . . . 6 position dial setting for exact adjustment to fit all cars, including compacts. 4 snap on supports fit without drilling or suction cups. Shpg. wt., 5 lbs.
ML-314 Net 4.49

NYLON "BULLDOG" 10 FT. TOW CABLE

● 100% DuPont Nylon ● 10-ft. Long ● Guaranteed 5,000 lb. Test Strength ● Attaches Instantly to Any Bumper **375**

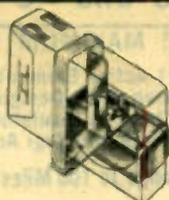
The perfect cable for towing ANYTHING UP TO 5,000 LBS. Constructed of heavy-duty, 1" wide, DuPont Nylon webbing that stretches 25% to take up shocks for smooth, safe towing. Oil, grease and water resistant too! Dual, self-aligning clip attaches to any bumper. Shpg. wt., 3 lbs.
AA-57 Net 3.75

EXPANSION LASH-TITE

199

- Powerful Lashing Device For All Loads
- Eliminates need for Ropes & Lashing Straps
- Stretches Up to Twice Its Length
- Eight Tentacles For Maximum Security

This "Octopus" type device lashes down any load, safely and securely in only a few minutes. The eight strands of powerful high tensile rubber expansion cords, covered with weatherproof fabric, eliminate any need for lashing straps or other tie down ropes. Each cord will stretch up to twice its 30" length and has a rugged steel spring fastened to its end, plastic coated to provide a positive, cushioned grip.
AA-52 Net 1.99



CARDIO-MASTER

- Convert your Transistor Radio into a Car Radio
- For all Makes of Cars — Cabs — Trucks

298

Cardio master is a magnetic device designed to hold a portable transistor radio in the area of a car's windshield to make it operate as an auto radio. Car's owner can remove a radio from the Cardio master for use as portable or to avoid theft while the car is parked. Fits any "pocket" transistor radio. Will not come loose in the bumpiest roads. Includes magnetic base, brackets, hardware, adjustable band and complete, illustrated instructions.
AA-45 Shpg. wt., 2 lbs. Net 2.98

AUTO SAFETY BELT



- Exceeds 5,000 Lbs. Protection
- Metal To Metal Buckle for Instant Release
- For all cars except Cadillac

This 2" wide, 100% Nylon Webbing belt provides the maximum protection needed for automobile driver and passenger. Exceeds SAE & GSA strength specifications to provide better than 5000 lbs. protection. The metal to metal buckle eliminates slippage of webbing within the buckle and gives instant positive action without danger of accidental release. Each belt has 100 inches of easy-to-adjust nylon webbing so that one size fits everyone. It is also equipped with single bolt fittings for easy installation and 3" load distributing metal washers for cars where frame mounting is not available. Shpg. wt., 2 lbs.
AA-61 Net 7.95

TWINTUNE EXHAUST BOOSTER

MORE POWER BETTER GAS MILEAGE



597

● Scientifically Tested and Proven ● Increases Engine and Muffler Life **597**

Get greater economy, efficiency and performance from your car with this Twintune Exhaust Booster. Engineered to let your engine breathe better and dispel exhaust gases quickly to increase performance, acceleration and fuel economy. Adds life to your engine and muffler. Acclaimed by motor magazines, automotive experts and racing drivers. Fits easily on your present tailpipe and can be transferred to another car with the same size tailpipe. Shpg. wt., 3½ lbs.

| Stock No. | Tailpipe O.D. | Net each |
|-----------|---------------|------------|
| AA-124 | 1½" to 1¾" | 597 |
| AA-125 | 1¾" to 1½" | |
| AA-126 | 1¾" to 1¾" | |
| AA-127 | 1¾" to 2" | |

AUTO SAFETY KIT

- Can of Instant Flat Tire Sealant
- Road Flare Kit
- Anti-Fog Cloth
- Reader's Digest First Aid Handbook

299

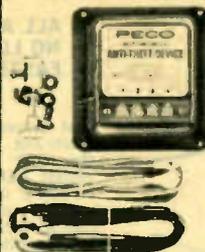
A must for every auto. Anti-fog Cloth is chemically treated to keep glass free of steam, fog and mist. Instant Seal seals and inflates flats—tube and tubeless tires—without jack or tools. Road Flare Kit has 2 1-hour flares and extinguisher for road emergency safety. Reader's Digest First Aid Handbook tells you what to do, and not to do, before medical help arrives—can be the difference between life and death. Shpg. wt., 3 lbs.
AA-117 Net 2.99

AUTOMOBILE ANTI-THEFT PROTECTOR

Protects Your Car from Being Stolen

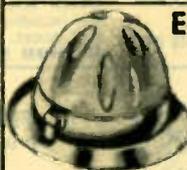
698

- Protects Your Car by Sounding An Alarm
- Prevents Ignition Switch from being Jumped
- Prevents Car's Lights and Accessories from Working
- Easy to Install



Here is the Ideal auto protection for salesmen, servicemen, delivery vans . . . all motorists. Not only will it prevent your parked car from being stolen, but will also safeguard valuables in the trunk as well as parts under the hood. Sounds an alarm in case of attempted theft and completely immobilizes the car—ignition can't be jumped, lights and accessories will not operate. Instructions included for easy installation.
AA-111 Shpg. wt., 1½ lbs. Net 6.98

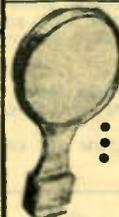
EMERGENCY BLINKER



- MAGNETIC BASE
- OPERATES ON 2 FLASHLIGHT BATTERIES
- VISIBLE FOR 1000 FEET

Every motorist needs it. Bulb flashes 60 times a minute. Stands by itself on road; has hanger or magnetic base which holds it firmly to any metal surface. Rugged plastic dome. 5¾" diam. x 3¾" high. Shpg. wt., 2 lbs. With spare, non-blinking bulb for steady light, less batteries.
AA-99 Net 1.49
BA-157 #2 batteries (2 needed) ea. Net .13

S.O.S. Magnetic WARNING SIGNAL



- 4" TWO FACED PARABOLIC REFLECTOR
- NEW SUPER REFLECTOR SURFACE
- NO MOVING PARTS — BULBS — WIRES

The simplest, most dependable and practical safety device to protect you in emergencies. No moving parts—no wires or bulbs. Use on or off the car. Holds magnetically to car in any position at any angle! Warns traffic in both directions! Parabolic reflector is highly visible from front or rear! Ideal for hand signaling! Makes a perfect road "flare"! Stand it on the metal plate furnished and position it on curved roads! It can't tip or slide! Completely effective in case of tail-light failure! The sway of the arm keeps it in continuous motion to insure pedestrian protection.
ND-677 Shpg. wt., 1 lb. Net 1.59

PRIMETTA "FOGGLES"



FOR SAFER DRIVING: ● AT NIGHT ● IN SNOW ● IN FOG ● IN RAIN

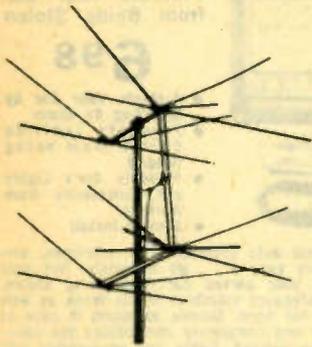
A Zeiss Formulation Newly Developed Insures True Color Contrast

Night driving is safer and easier with Primetta Radar Night Glasses. Scientifically designed to protect the eye from the glare of headlights, street lights, etc. without materially reducing vision. Ideal while driving at night in the rain, fog and snow. The filter lens exclude all ultra violet rays. Designed for 20-20 vision. With heavy, suede-lined leather case. Shpg. wt., 6 oz.
AA-113 Net 2.69
Clip on "Foggles," with case, for use over existing glasses.
AA-123 Net 1.83

TRY TO BEAT THESE ANTENNA PRICES!

LAFAYETTE ANTENNAS and "U-INSTALL-IT" KITS!

20 ELEMENT STACKED SNAP OPEN CONICAL



- ALL ALUMINUM
- NO LOOSE PARTS
- FASTEST INSTALLATIONS

Best antenna deal yet for servicemen-dealer and installation specialists. All the most wanted features. Quickest-easiest installation possible. No loose hardware. All elements snap open and lock in without tools. Most efficient conical design for all reception areas. Two complete bays with Q bars, less mast. Shpg. wt., 8 lbs.

AN-28WX Singly, ea. 5.25
Lots of 3, ea. 4.95

"U-INSTALL-IT" KIT with All Angle Roof Mounts. Includes AN-28 antenna and installation. Kit AM-11WM with two 5 ft. masts. As shown on facing page. AN-32WX Shpg. wt., 18 lbs. Net 7.95

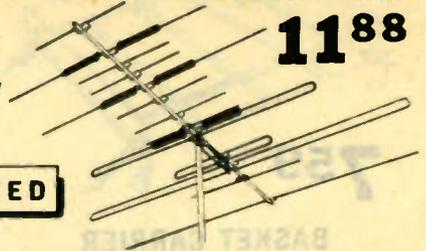
"U-INSTALL-IT" KIT with Chimney Mount. Same antenna and accessories but includes chimney mount instead of roof mount. AN-43WX Shpg. wt., 18 lbs. Net 8.75

5.25 **4.95**
singly each each, in lots of 3

NEW! MAXIMUM PERFORMANCE FRINGE ANTENNA

- 21 Active Elements
- Snap Open Design
- Fiberglass Insulators
- Compound Yagi Array

Range to 100 Miles



11.88

GOLD ANODIZED

Field proven design for fringe reception. Gold anodized to combat corrosion. Compound yagi array to "sock-in" signals where other designs fail. "Tension-lok" hardware. Heavy wall tubing throughout. Less Mast. Shpg. wt., 8½ lbs.

AN-67WX Gold Anodized Net 11.88

"U-INSTALL-IT" KIT with chimney mount. Includes AN-67WX antenna and installation kit AM-12WM as shown on facing page. Shpg. wt., 15 lbs.

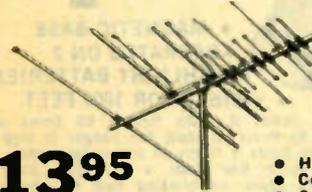
AK-60WXM Net 14.88

AK-38WXM. Includes AN-67WX antenna, 20 ft. Telescoping mast and accessories. Shown in Kit "A" on facing page. Shpg. wt., 39 lbs. Net 22.50

AK-39WXM. Includes AN-67WX antenna, Alliance K-22 rotator, 20 ft. Telescoping mast and accessories. Shown in Kit "B" on facing page. Shpg. wt., 50 lbs. Net 45.79

LAFAYETTE FRINGE-PROBER

Up to 125 miles of Power Fringe Reception



- 19 Electrical Elements
- Engineered for Superior Color & Black And White Reception
- High Gain On All VHF Channels
- Completely Pre-assembled
- Gold Alodized Corrosion-Proof Aluminum

13.95

Twin-driven elements work with carefully tuned, phased and spaced directors and reflectors to extend flat high gain response across entire VHF band. Cuts out ghosts and unwanted signals. Rugged reinforced aluminum elements and brackets stand up under severest wind and ice loading. 100% preassembled for easy installation. Beautifully and lastingly gold alodized non-rust construction throughout. Less mast, lead-in. Shpg. wt., 7 lbs.

AN-51WX 13.95

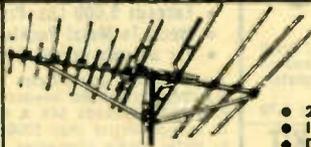
POW'R KIT AK-54WXM. Includes AN-51WX Color 'Tenna, TL-75 POW'R PAK booster and AM-12 mounting kit (as shown on facing page). Shpg. wt., 16 lbs. Net 24.98

AK-54WXM

Complete Kit of AN-51 antenna plus AM-12WM mtg. kit as shown on facing page. Shpg. wt., 15 lbs. Net 16.30

LAFAYETTE DEEP FRINGE-PROBER

Up to 150 miles of Extra Power Fringe Reception



- 27 Electrical Elements
- Inline twin driven yagi design
- Deep Fringe Gain on all VHF channels
- Completely pre-assembled

Delivers the extra picture power needed for crisp, clear pictures in remote areas. Inline twin driven yagi design provides more gain and higher front-to-back ratio. Result: More TV stations, more picture power. Factory preassembled for snap-out assembly. Reinforced gold alodized aluminum construction. Less mast and twin lead. Shpg. wt., 10 lbs.

AN-215WX 17.98

POW'R KIT AK-61WXM. Includes AN-215WX, TL-75, POW'R PAK Booster; 20 ft. Telescoping mast and accessories shown in Kit "A" on the facing page. Shpg. wt., 35 lbs. Net 34.99

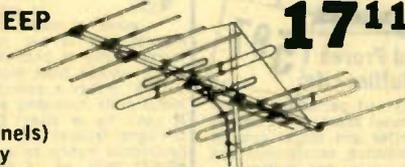
AK-61WXM

KIT AK-62WXM. Includes AN-215WX, 20 ft. Telescoping mast and accessories shown in Kit "A" on the facing page. Shpg. wt., 30 lbs. Net 25.95

AK-62WXM

KIT AK-63WXM. As above including Alliance K-22 rotator and additional accessories shown in Kit "B" on the facing page. Shpg. wt., 52 lbs. Net 51.40

"TECHNI-POWER" DEEP FRINGE ANTENNA



17.11

- 20 Active Elements
- Range to 150 miles
- Broadband (VHF Channels)
- Full One Year Warranty

New TV antenna obtains maximum front-to-back ratio without sacrifice of gain on either low or high band! Folded dipole impedance matching on low band, and extra high gain three-element colinear operation on high band! Multiple reflectors and directors, combined with the colinear elements, sharply increase the directivity. Double fidelity phasing is used on the high band drive—plus four (4) extra high band elements. Broad banded for all VHF Channels 2 through 13. All aluminum screws and nuts to eliminate rusting at vital contacts; tagged connection points; "molded-in" lead line connection screw, and lifetime high impact polystyrene insulators and end caps to prevent whistle and icing! Shpg. wt., 9½ lbs.

AN-68WX (Silver aluminum) Net 17.11

AN-69WX (Gold corodized) Net 19.05

POW'R KIT AK-56WXM. Includes AN-68WX "Techni-Power" Antenna, TL-75 POW'R PAK Booster, 20 ft. Telescoping mast and accessories shown in Kit "A" on the facing page. Shpg. wt., 31 lbs. Net 33.95

NEW LAFAYETTE UNI-TENNA

- RANGE TO 75 MILES
- ONE ARRAY FOR FM & TV
- A MUST FOR MULTIPLEX

5.85

10.55

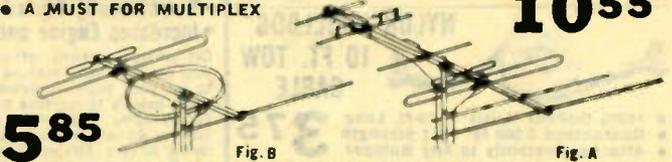


Fig. A, a high quality antenna designed for operation in semi-fringe areas. Excellent pattern and high gain provide top reception of color and black-white TV and is ideal for stereo FM multiplex. Uses combination TV and FM antenna on one boom with separate transmission lines. The 5¾ ft. boom has square cross sections for added strength and maintains parallel alignment of elements. 4 Element yagi is used for TV, 3 elements yagi for FM, 10 Elements operating on high band as patented colinear yagi. Shpg. wt., 6 lbs.

AN-211WX Net 10.55

Fig. B, similar to AN-211WX but with less elements and use of omnidirectional FM halo. Designed for local and suburban use. Provides full response operation for TV, FM and Multiplex. Shpg. wt., 3½ lbs. Net 5.85

FEATURING THE NEW POW'R PAK BOOSTER

9.95



- Electro-Matched to Lafayette TV-FM Antennas
- The MOST Gain for the LEAST Money
- Updates and Improves any TV/FM Antenna Installation

The Lafayette POW'R PAK booster offers improved pictures and sound across the entire VHF/TV spectrum. Provides as much as 7 to 10 db gain on all channels 2 through 13 when used with one TV set. From 2.5 to 5 db when used with 2 sets. Simple "back-of-set" installation. Power requirements only 0.1 amp. at 117V. 60 cy. Shpg. wt., 2 lbs. Imported.

TL-75 Booster only Net 9.95

POW'R PAK KIT AK-58WXM. Includes AN-28, 20 element stacked conical, TL-75 POW'R PAK booster, and installation kit, AM-11W as shown on facing page. Shpg. wt., 19 lbs. Net 16.50

AK-58WXM

POW'R PAK KIT AK-59WXM. Same as above except with accessory kit AM-13W, as shown on facing page. Shpg. wt., 19 lbs. Net 16.80

AK-59WXM

LAFAYETTE has MORE antennas—LOWER prices

8 ELEMENT VHF CONICAL

- Range to 40 miles
- Aluminum Construction
- Rugged, Trouble-Free Design

All aluminum 8 element conical. Provides top quality reception on channels 2 to 13. Full sized. Rugged insulator block. Designed for rapid assembly. Fan front of 6 full length elements. Easy to assemble. Real value. Shpg. wt., 4 lbs.

AN-11W Singly ea. Net 2.60
 Lots of 3 ea. Net 2.40

"U Install It" Kit. Includes AN-11 and roof-mount kit AM-10 as shown below. Shpg. wt., 11 lbs.

AN-33WM Net 4.95

"U Install It" Kit. With chimney mount kit, AM-12 as below. Shpg. wt., 11 lbs.

AN-44WM Net 5.50



2⁶⁰

VEE-BEAM VHF ANTENNA

- Excellent for Metropolitan Areas
- Rugged Aluminum Construction



2²⁹

Popular primary area antenna—covers channels 2 to 13 within a range of 40 miles; to 60 miles when stacked. Provides excellent gain, especially on the high band. Sharply directional pick-up pattern gives steady, clear pictures. Utilizes rugged aluminum construction. Lightweight, very easy to install. Less mast and 300 ohm twin line. Shpg. wt., 4 lbs.

AN-21W Net 2.29

AN-20W 2 bays stacked Net 4.59

"U Install It" Kit. Includes AN-21W and roof mount kit AM-10. Shpg. wt., 11 lbs.

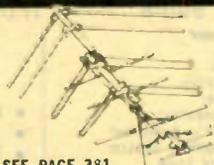
AN-45WM Net 4.70

"U Install It" Kit. With Chimney mount kit, AM-12. Shpg. wt., 11 lbs.

AN-46WM Net 5.29

SPACE CONQUEROR ALL - CHANNEL VHF ANTENNA

- Excellent for Color and Black & White
- Perfect for Fringe Areas
- All Aluminum Construction



24⁹⁹

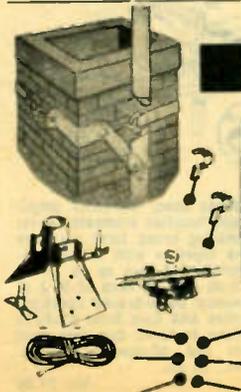
NO MONEY
 OOWN

FOR BUDGET TERMS SEE PAGE 381

A maximum fringe area antenna, the Space Conqueror provides excellent TV reception for color or black and white receivers. High gain increases details and contrast for greater clarity where ordinary antennas fail. A high signal-to-noise ratio eliminates snow—brings in pictures in almost any location without power boosters or special tuners. Perfect impedance match assures maximum signal transfer and eliminates ghosts. Uses 8 elements of heavy gauge aluminum, for maximum strength and durability. Features "quadro-grip" U-bolt to secure antenna in 4 places. Snap-lock design provides easy, secure installation. Shpg. wt., 12½ lbs.

AN-156WX Net 24.99

"U-INSTALL-IT" KITS



All the items for simple installation. You get an all angle roof mount or chimney mount—lightning arrester—75 feet of 300 ohm twin lead—screw eyes—mast standoffs and 5 ft., 1¼ O.D. steel mast. Shpg. wt., 7 lbs.

AM-10WM ea. 2.95; Lots of 3, ea. 2.85

AM-11WM with 2-5 ft. masts. Shpg. wt., 10 lbs. Singly, 3.55 Lots of 3, ea. 3.35

AM-12WM Same as AM-10W and chimney mount. Ea. 3.25 Lots of 3, ea. 3.15

AM-13WM Same as AM-11W with chimney mount. Ea. 3.85 Lots of 3, ea. 3.75

AM-14WM Same as AM-10W with aluminum wall bracket. Ea. 2.95 Lots of 3, ea. 2.85

AM-15WM Same as AM-11 with aluminum wall bracket. Ea. 3.55 Lots of 3, ea. 3.55

LEADER IN-LINE ANTENNA KIT

- Gold Anodized
- Complete-Ready To Install
- Time-proven Design



Ideal metropolitan and suburban antenna kit. Efficient folded dipole design. Broad band, uni-directional response. Perfect impedance match on high and low bands results in reduced stray reflections and ghosts—no studs or transformers needed. Designed for maximum in phase currents on both high and low bands. Shpg. wt., 4 lbs.

AN-154W Net 3.79

"U-Install-It" Kit. Includes AN-154 and roof mount kit, AM-10, as below. Shpg. wt., 10 lbs.

AN-152WM Net 6.29

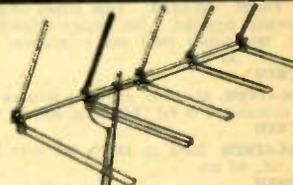
"U-Install-It" Kit. Includes AN-154 and Chimney mount kit, AM-12, as below. Shpg. wt., 11 lbs.

AN-153WM Net 6.49

3⁷⁹

SPECIAL FRINGE AREA ANTENNA

- Excellent Directivity and Sensitivity
- Perfect 300 Ω Match on Each Channel



14⁵⁵

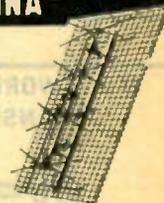
Extremely high gain and front to back ratio. Utilizes 5 dipole elements in an advanced design. Phasing relationship assures equal gain on all VHF channels. Eliminates co-channel interference. Elements are double locked in Hi-impact Styrene plastic insulators. Automatic brackets lock and secure all elements. Completely preassembled. Dual insulators prevent waver, slip and twist of elements. All aluminum construction. Single bay. Less mast. Shpg. wt., 12 lbs.

AN-37WX Net 14.55

AN-38WX 2 Bays stacked Net 29.58

SPECIAL UHF ANTENNA

- Highest Gain on 70 UHF Channels
- Completely Preassembled
- Excellent Directivity
- Flat Response Across Each Channel



4⁷⁹

Four bay, UHF bowtie antenna. Exceptionally high (12db) gain—relatively flat across the entire spectrum. Fully factory assembled. Quickest and easiest to install. High efficiency screen grid reflector boosts front to back ratio. Unique "cross-over" phasing bars—open V elements. Rugged—rigid—corrosion resistant construction. Shpg. wt., 5 lbs.

AN-200W Net 4.79

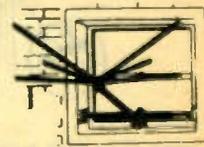
UHF "TRANSLATOR" 4-BAY ANTENNA

Four bay bow-tie and screen reflector—tuned to the UHF transistor frequencies. Average 16db gain on channels 70-83. Completely preassembled.

AN-201W Shpg. wt., 5 lbs. Net 4.79

CONICAL WINDOW ANTENNA

- More Antenna for Less Space
- All Aluminum Construction



5⁷¹

Contains 4 full-sized elements plus 2 high frequency dipoles. Ideal for apartment buildings, hotels etc., or wherever roof-top installations are impractical but necessary for the greater gain which is provided by a good outdoor antenna. Complete with all mounting hardware, less 300 ohm twin lead. Installs by placing ends of base against window frame and tightening nuts. Base spans up to 44" to fit all standard window frames. Antenna can be positioned for optimum reception. Shpg. wt., 3 lbs.

AN-22W Net 5.71

AN-23 Extension bar to 60" Net 1.35

AN-24 Extension bar to 72" Net 1.89

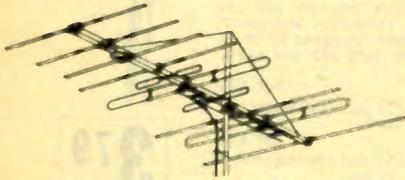
LAFAYETTE FRINGE AREA "TECHNI-KIT" ANTENNAS

"BEST BUY" KITS! NOTHING ELSE TO BUY!

• 20-30-40 FT. MAST • WITH OR WITHOUT FAMOUS ALLIANCE ROTATORS • FINEST COMPONENTS

Available on Lafayette's Easy Payment Plan.

DEEP FRINGE ANTENNA KITS UP TO 150 MILES WITH LAFAYETTE AN-68WX



Kit AK-40WXM. Includes the "Lafayette Techni-Power" Deep Fringe AN-68WX. Twin driven—high gain—exceptionally directive. Top design efficiency. Includes 20 ft. telescoping mast and accessories in Kit "A". Shpg. wt., 30 lbs.

AK-40WXM Net 26.95

Kit AK-41WXM. As above, including Alliance U-98 rotator and accessories in Kit "B". Shpg. wt., 50 lbs.

AK-41WXM Net 59.70

Kit AK-42WXM. Same as AK-40, but with 30 ft. mast. Shpg. wt., 45 lbs.

AK-42WXM Net 29.29

Kit AK-43WXM. As above, including Alliance U-98 rotator and accessories in Kit "B". Shpg. wt., 65 lbs.

AK-43WXM Net 62.40

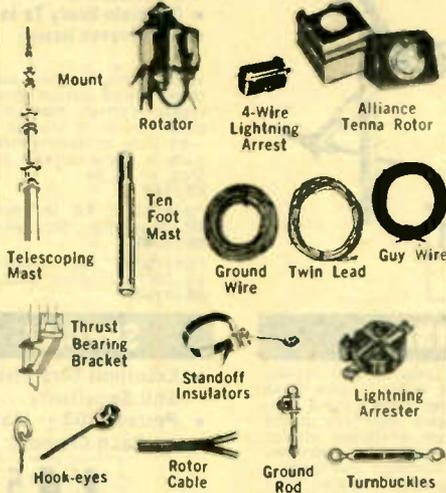
Kit AK-44WXM. Same as AK-40, but with 40 ft. mast. Shpg. wt., 52 lbs.

AK-44WXM Net 31.95

Kit AK-45WXM. As above, including Alliance U-98 rotator and accessories in Kit "B". Shpg. wt., 75 lbs.

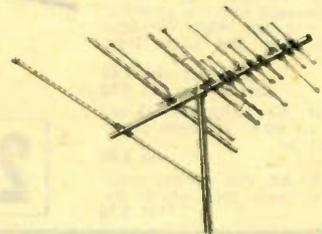
AK-45WXM Net 65.10

INSTALLATION ACCESSORIES



Take your pick of Lafayette deluxe antenna kits—chosen by experts to meet the most demanding reception problems. Each kit contains a rugged, high-gain, pre-selected antenna, a telescoping mast of heavy gauge galvanized steel, plus (Kit "A") a universal base mount, guy wire, 100 ft. of twin lead, ground rod, ground wire, lightning arrester, hook-eyes, standoff insulators, turnbuckles. Rotator kits include Alliance rotators, plus (Kit "B") all the accessories shown in Kit "A" above and an Alliance thrust bearing, 10-ft. antenna mast, 100 ft. of rotor cable and 4-wire lightning arrester. Shipped complete—ready for top quality installation. These kits may be shipped by express only.

FRINGE PROBER KITS UP TO 125 MILES WITH LAFAYETTE AN-51WX



Kit AK-46WXM. Includes the Lafayette Color Tenna AN-51WX. Gold anodized for corrosion resistance. Highly directional, Yagi type performance. Dynamically balanced, compact design. 20 ft. telescoping mast and accessories in Kit "A". Shpg. wt., 26 lbs.

AK-46WXM Net 24.95

Kit AK-47WXM. As above, including Alliance T-12 rotator and accessories in Kit "B". Shpg. wt., 48 lbs.

AK-47WXM Net 43.66

Kit AK-48WXM. Same as AK-46, but with 30 ft. mast. Shpg. wt., 43 lbs.

AK-48WXM Net 47.59

Kit AK-49WXM. As above, but with Alliance T-12 rotator and accessories in Kit "B". Shpg. wt., 64 lbs.

AK-49WXM Net 56.35

Kit AK-50WXM. Same as AK-46, but with 40 ft. mast. Shpg. wt., 51 lbs.

AK-50WXM Net 30.39

Kit AK-51WXM. As above, including Alliance T-12 rotator and accessories in Kit "B". Shpg. wt., 74 lbs.

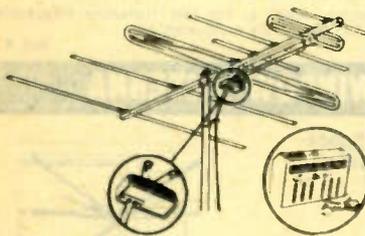
AK-51WXM Net 59.29

ELECTRO POWERED ANTENNAS

JFD 9-WORKING ELEMENT TRANSIS-TENNA



- Transistorized Amplification for Fringe Reception
- Up to 100 Mile Reception
- Powers up to 4 TV and FM Sets



The answer to reception problems in metropolitan and suburban areas. Built-in AC-transistorized amplification assures picture perfect performance on one, or as many as 4 TV sets. Trim inline design combines low band and high band sections to achieve unusually high signal-to-noise ratios and crisp ghost-free, snow-free pictures. AAA Gold Bond Alodized for added durability and beauty. Reinforced construction. Completely pre-assembled. Complete with transistorized amplifier and AC Power Supply. Less mast and twin line. Shpg. wt., 10 lbs.

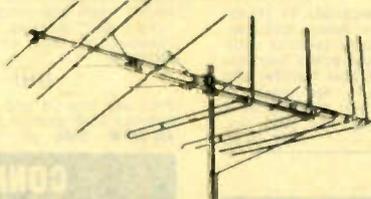
AN-198WX Net 34.14

TACO MODEL 990-8



ELECTRA

- Superior Color Reception
- Highest Picture Power
- Built-in Transistor Amplifier
- Gold Anodized — 100% Rustproof
- Matches Antenna Amplifier System
- Eliminates Ghosts and Snow



Taco's most powerful antenna—Gets pictures and sound where others fail. This matched antenna-transistor amplifier system amplifies up to 10x the signal power transmitted. May be remotely located from the receiver to ¼ mile without additional boosters. Perfect for color TV—Built-in outlets feed 2 TV or FM sets simultaneously without interference. Other sets may be added. The power packed performance of this matched antenna-amplifier system enables lower, neater installations, reducing height as much as 50%. T-Bird will eliminate interference, ghosts and snow, for movie quality reception. Lightweight assembly is 100% rust-proof, gold anodized for beauty and strength. Ideal for rotor installations. Shpg. wt., 14 lbs.

AN-202WX Net 63.03

MODEL 990-6. Similar to above except for use in a 100 mile radius from station. Shpg. wt., 10 lbs.

AN-203WX Net 53.01

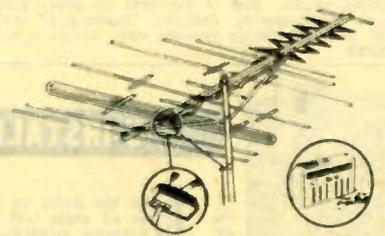
MODEL G-990-5. Similar to above. Built-in 2 set coupler for 2 set operation. Shpg. wt., 7 lbs.

AN-204WX Net 46.33

JFD ELECTRONIC TRANSIS-TENNAS



- Attractive, Anti-Corrosive, Alodized
- 31 Working Elements
- Transistorized Amplification for Far Fringe Reception
- Up to 200 mile Reception
- Powers up to 4 TV and FM Sets



An extremely powerful antenna using transistor amplification. Precision-tuned multi-function elements deliver pinpoint directivity and amazing broad band response on channels 2 to 13. Work together with built-in AC-powered transistorized amplifier to give up to 25 db gain on single set, or 9-13 db gain on each of 2, 3 or 4 sets. Heavy-duty all-aluminum boom-braced construction with gleaming, protective AAA Gold Bond Alodized finish plus many other deluxe features. Complete with antenna, TNT103 amplifier and AC-powered supply. Less mast, lead-in. Shpg. wt., 16 lbs.

AN-107WX Net 51.56

ALL CHANNEL ELECTRONIC ROTATING TV ANTENNAS

ALL CHANNEL'S "RIVIERA" WORLD'S MOST POWERFUL ULTRA-FRINGE VHF-UHF-FM ANTENNA

GUARANTEED 200 MILE VHF RECEPTION OR YOUR MONEY BACK

- Receives channel 2-83 from all directions without a rotor
- Broadband UHF-VHF and FM, motorless all direction reception
- All aluminum flip-out assembly

Field tests reception on VHF of up to 200 miles has made possible this unprecedented guarantee. Here is an antenna with one transmission line for all UHF, VHF and FM stations in all directions without the use of a rotor. The nine position selector switch connected at the set electronically rotates antenna beam instantly without physically moving the antenna. Gain on channels 2-6 comparable to 4-bay conicals; on channels 7-13 comparable to stacked 10-element single channel yagis; on 14-83 comparable to bow-tie reflector. 1 1/2" dowel-aluminum elements are 60 inches long. Complete with switch, coupler, 45° stacking bars and 2 7/2" angle type mast insulators for Polymicalene line listed below. Shpg. Wt. 10 lbs.
AN-135WX Less Mast Net 19.85

The Riviera is ideal for FM Stereo/Multiplex reception. Elements are a full wave length at FM frequencies.

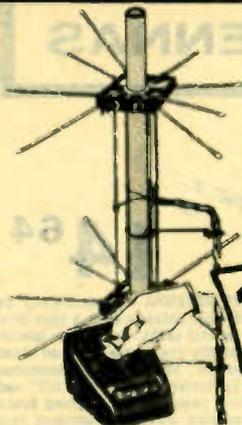
"U-Install-It" kit: Includes Riviera antenna, chimney mount, two five ft. masts, 100 ft. of Polymicalene 4 conductor lead-in wire, 8 stand off insulators and complete instructions. Shipping wt., 16 lbs.
AN-42WX M Net 27.32

THE RIVIERA MUST BE USED WITH THE LOW LOSS LEAD IN WIRE LISTED BELOW

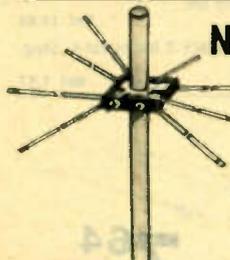
Special 4 conductors, matched impedance transmission line. Low loss, mica-filled Polymicalene copperweld conductors.
WR-8W50 ft. length Net 5.00
WR-9W75 ft. length Net 7.50
WR-18W 100 ft. length Net 8.90

ALL CHANNEL COMPONENT PARTS

TS-229 9 Position Switch Net 5.93 Ea.
TS-230 Switch to Set Coupler Net .62 Ea.
TS-231 Stocking Harness Net 2.87 Ea.



1985



NEW! REMBRANDT "880" TV/FM OUTDOOR ANTENNA

- Operates Both FM Stereo and TV
- 12-Position Station Direction Control
- Eight 60" Elements
- Pulls in Best Signal from any Direction

Comparable to 9 Powerful Full Wave Length FM Antennas Plus 9 Highly Directional TV Antennas

Now an outdoor antenna for both FM stereo and TV. Eight 60" long, 1/2" dia. quilled aluminum elements can be compared to 9 powerful full wave length FM antennas plus 9 TV antennas all facing in different directions. 12-position station direction control electronically offers all the advantages of a rotomotor unit without moving parts. It's the only antenna that compensates for changing signal directions caused by changing weather conditions. Also ideal for color TV reception. Elements are preassembled for fast flip-out installation.

AN-142WX Shpg. wt., 8 1/2 lbs. Net 9.95
Special 4-cond. lead-in wire, tinned and plugged. Net 2.10
WR-168 70-ft. length

REMBRANDT TV

DIRECTION FINDER

- Receives Signals From All Directions—Without a Rotor!
- Supercharges Any TV Antenna—Boosts The Pick-up Power!
- Filters Out Interference—Tunes Out Ghosts!
- Rejuvenates "Old" TV Antennas
- Amplifies The TV Signal
- No Installation Problem



Electrically rotates the polar-receiving pattern of your existing antenna and phases the ground wave picked up by the electrical wiring system with the sky wave picked up by the antenna. Improves any existing antenna: indoor, outdoor, master or built-in. Boosts pick-up power of any antenna—old or new. Just a flick of the selector control tunes out ghosts—filters out interference—tunes in those "hard-to-get" problem channels. Automatically amplifies TV signal strength for "snow" free, brighter, clearer pictures. Works on every channel—in any location—with any antenna—for any TV set. No installation problem—simply attach to antenna terminals in back of TV set—and plug into 110V AC/DC socket. Complete satisfaction guaranteed or your money back.

AN-140 Shpg. wt., 2 lbs. Net, ea. 5.95
In lots of 6 ea. 5.00

ALL CHANNEL'S INDOOR TV ANTENNAS



REMBRANDT

NEW!

NEW! ALL CHANNEL'S "ATLAS KIT" EVERYTHING INCLUDED FOR COMPLETE INSTALLATION!

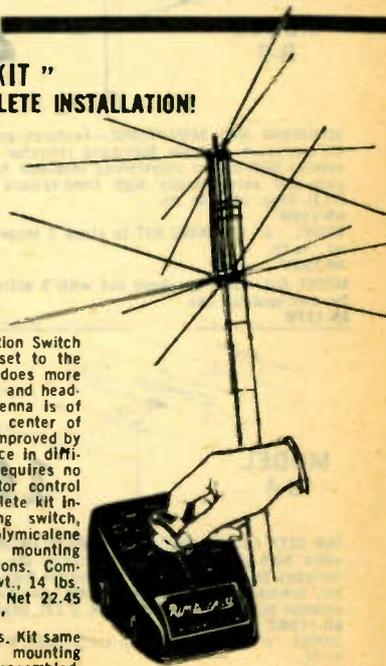
Pre-wired and Pre-assembled For Do-It-Yourself Installation

- Money Back Guarantee
- Offers All the Advantages of An Expensive Rotor Motor
- Directional Tuning
- 12-Position Electronic Rotating Switch
- Eliminates Ghosts & External Interference

A flick of the 12 position Electronic Orientation Switch instantly and automatically beams any TV set to the best possible signal. The All Channel Atlas does more than a rotor motor without the large expense and headaches. It is very simple to install. The antenna is of preassembled flip out construction with the center of gravity on the mast itself. Picture quality is improved by eliminating ghosts, reflections and interference in difficult reception areas. Has no moving parts, requires no filters, uses no electric current and no motor control wire. Diamond embossed 45° elements. Complete kit includes stacked "Atlas," electronic rotating switch, switch to set coupler, 70 ft. 4-conductor polymicalene flat lead in wire, 4 stand-off insulators, mounting bracket, two 5-ft. mast sections, instructions. Completely pre-assembled, and pre-wired. Shpg. wt., 14 lbs. AN-136WX Net 22.45

THE SINGLE STACKED "ATLAS"

For Problem, Metropolitan & Semi-Fringe Areas. Kit same as above. Complete with TV wire, mast, mounting brackets, and stand-offs. Pre-wired and pre-assembled. Shpg. wt., 8 1/2 lbs. AN-137WX Net 14.95



UP TO 100% MORE POWERFUL! WITH 12-POSITION DUAL CONTROL SWITCH

Ideal for FM Stereo/Multiplex reception.

The only indoor TV antenna with telescoping arms that extend to 104", and using adjustable radar loop principles. Field tests prove efficient operation beyond the range of any other indoor antenna, and in difficult reception areas. New 12-position dual control switch is electronically engineered to reject ghosts and orient antenna to direction of strongest signal. Brass tip balls on telescoping arms eliminate signal losses and static discharge interference. Adjustable radar loops coupled to arms make clearer, sharper pictures on all channels possible. Durable plastic base. Available in Mahogany and Ivory (specify). Shpg. wt. 4 lbs. AN-138 Net 9.95

RADAR COIL -X9

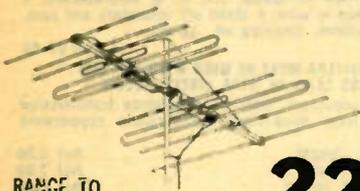
Guaranteed 35 Mile VHF Reception or Your Money Back **6.95**

A powerful indoor antenna utilizing 46" long arms to provide efficient reception to 35 miles, 12-position switch helps eliminate ghosts and snow. A real beauty to grace any decor—Brass plated coil and 4 section telescoping arms. Includes 6-foot transmission line. Available in Mahogany, Walnut and Ivory. Shpg. wt., 3 lbs. AN-141 Net 6.95



The World's Finest - TV and FM ANTENNAS

MODEL B-8 TWIN DRIVEN



RANGE TO
150 MILES

22⁹³

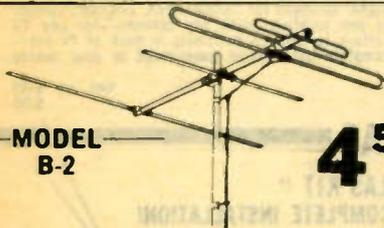
MODEL B-8, TWIN DRIVEN—Absolute maximum front-to-back ratio for the elimination of venetian blinds, back ghosts, etc. with no sacrifice of gain on either low-band or high-band. Accomplished by twin-driving of two fidelity phased elements "Quad-Tri-Quad" drive—true quadrature twin-drive on low-band and tri-quadrature twin-drive on high-band; and "Interleaved Elements." These are added to Fidelity Phasing—combining the proved superiority of driven folded dipole impedance matching on low-band with the acknowledged extra high gain of three-element colinear operation on high-band. Oversize, extra-heavy gauge square aluminum tube boom. Shpg. wt., 9½ lbs. AN-110WX Net 22.93

MODEL B-7. Range up to 150 miles. Similar to B-8 but with eight elements, one reflector. Shpg. wt., 6½ lbs. AN-111WX Net 15.23

MODEL B-6. Range up to 100 miles. Similar to B-8 but with six elements, one reflector, one director. Shpg. wt., 5½ lbs. AN-126WX Net 11.55

MODEL "A" STACKING KIT favors high-band. Shpg. wt., ¾ lb. AN-120W Net 1.23

MODEL "C" STACKING KIT favors low-band. Shpg. wt., ½ lb. AN-122W Net 1.82



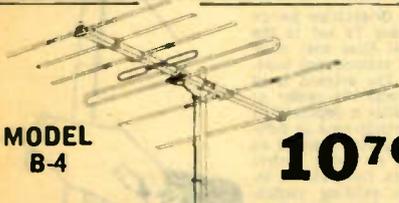
MODEL
B-2

4⁵⁰

SUBURBAN AND SEMI-FRINGE—Features preassembled, all aluminum, colinear high-band reflector mounted on special high-impact polystyrene insulator for increased gain and exceptionally high front-to-back ratio. (CH. 2-13). Shpg. wt., 3½ lbs. AN-115W Net 4.50

MODEL "A" STACKING KIT to stack 2 Model B-2. Shpg. wt., ¾ lb. AN-120W Net 1.23

MODEL B-1. Same as above but with 3 active elements for metropolitan use. AN-127W Net 3.73



MODEL
B-4

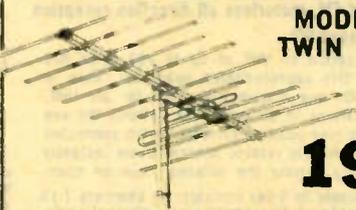
10⁷⁰

FOR DEEP FRINGE AREA OF 150 MILES OR MORE—Where extra high gain and sharp directivity are a necessity. Includes low-band reflector 3-element high-band reflector, low-band full ½ wave director, and two 3-element colinear high-band directors. (CH. 2-13). Shpg. wt., 6 lbs. AN-113WX Net 10.70

MODEL "A" STACKING KIT to stack Model B-4. Shpg. wt., ¾ lb. AN-120W Net 1.23

MODEL B-3. Same as above but fewer elements for range of 75 miles or more. Uses model A stacking kit listed above. Shpg. wt., 5 lbs. AN-114WX Net 8.23

MODEL B-5 TWIN DRIVEN



19⁵⁵

MODEL B-5, MAXIMUM FRINGE AREA—Oversize extra heavy gauge square aluminum tube boom. All element brackets are of "Box Girder" aluminum construction. Exclusive "FIDELITY PHASING" combines the proved superiority of driven folded dipole impedance matching on low band together with the acknowledged extra high gain of three element colinear operation on high band. Multiple low band reflectors and directors, high band colinear reflectors and directors, as well as combination elements. Ultra High Gain and sensitive directivity previously found only in twelve (12) element Yagis cut to single channel. This makes possible reception and picture clarity heretofore considered impossible in maximum fringe areas up to 200 miles. Shpg. wt., 9½ lbs. AN-112WX Net 19.55

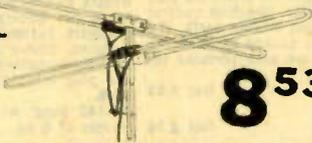
MODEL "A" STACKING KIT favors high-band. Shpg. wt., ¾ lb. AN-120W Net 1.23

MODEL "B" STACKING KIT favors low band. Shpg. wt., ¾ lb. AN-121W Net 1.53

MODEL "A" STACKING KIT favors high-band. AN-120W Shpg. wt., ¾ lb. Net 1.23

MODEL "B" STACKING KIT favors low band. AN-121W Shpg. wt., ¾ lb. Net 1.33

MODEL
FMT-1

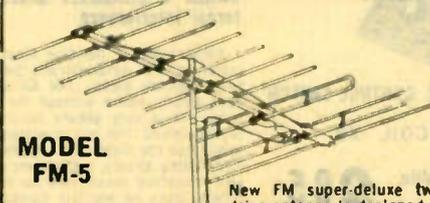


8⁵³

An all-direction FM antenna kit, designed for reception over the full FM band, 88 to 108 MC, without necessity of rotation. The two-folded dipoles are matched with a special quarter wave phasing stub for optimum gain and approximate circular, all-direction radiation pickup pattern. Supplied with 50 ft. of 300 ohm twin line, 5 ft. mast, mounting base, two mast stand-off insulators, three wood screw eye stand-off insulators. AN-116WX Shpg. wt., 6 lbs. Net 8.53

MODEL FMT-A. Same as above but with double mast mount, "side-arm" mast. Shpg. wt., 3½ lbs. AN-125W Net 8.53

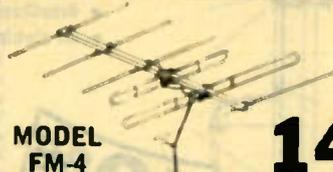
FINCO FM-5 GOLD CORRODIZED BROAD BAND 10 ELEMENT FM ANTENNA



MODEL
FM-5

21³⁷

New FM super-deluxe twin drive antenna is designed on Finco ultra high geomatic TV antenna principles, using a specially engineered twin drive element having impedance control "T" match stubs. Allows maximum gain to be realized over the full 88 to 108 m.c. band. Superior front-to-back ratio is made possible through Finco patented fidelity phasing. Designed for maximum protection against weather deterioration and short-out due to corrosion—with all brackets and complete elements double corroded. Heavy duty square aluminum boom, exclusive "Lock-Tite-No-Tilt" saddle mounting, and "box girder" snap out self-aligning bracket are completely pre-assembled. Shpg. wt., 8½ lbs. AN-124WX Net 21.37

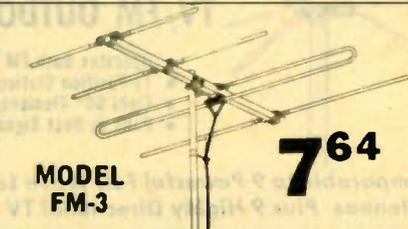


MODEL
FM-4

14⁶⁴

FINCO FM SUPER DELUXE ANTENNA—Geometrically designed for ultra-high gain, this antenna uses a twin drive element with impedance control stubs. Extra wide spacing of elements gives substantially greater signal than standard 8 to 10 element designs. Strong square aluminum boom for extra rigidity. Exclusive "lock-tite-no-tilt" saddle mounting. "Box girder" snap-out self-aligning brackets. Antenna is pre-assembled with all aluminum reinforced elements. Shpg. wt., 6½ lbs. AN-119WX Net 14.64

MODEL FMS STACKING KIT to stack 2 Model FM-4. Shpg. wt., ½ lb. AN-123W Net 1.97



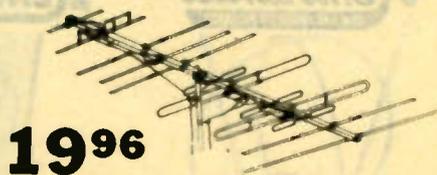
MODEL
FM-3

7⁶⁴

FINCO 4 ELEMENT BROAD BAND FM YAGI—A broad banded 4 element Yagi for high gain on FM band, 88 to 108 MC. All aluminum construction with square boom; special "Lock-Tite-No-Tilt" saddle bracket for permanent horizontal alignment. Reinforced elements are pre-assembled with snap-out brackets. "Impedance step-up" design for maximum energy transfer. Shpg. wt., 5 lbs. AN-118WX Net 7.64

MODEL FMS STACKING KIT to stack Model FM-3. Shpg. wt., ½ lb. AN-123W Net 1.97

FRINGE COMBINE #3 TV/FM ANTENNA

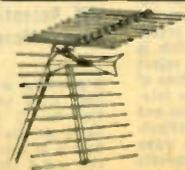


19⁹⁶

Top response for black and white, color TV and FM or FM multiplex reception. Fringe area combination high gain TV and FM antenna on one 100" boom. Uses two separate transmission lines for maximum efficiency. 5 elements for low band, 15 elements on high band in twin-driven yagi arrangement. Special twin phased FM driver element, with 2 parasitics produce full 3 element gain across FM band. Sturdy 1" dia. boom. Pre-assembled, aluminum snap-out construction. AN-128WX Shpg. wt., 9½ lbs. Net 19.96

AN-129WX Gold Corroded Net 22.05

UHF CORNER REFLECTOR MODEL CRB



4²⁶

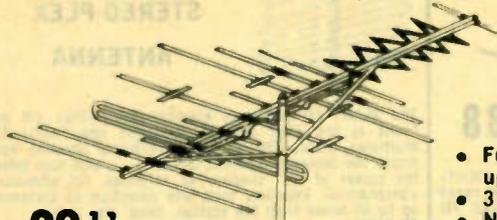
For quality UHF reception even in fringe areas. High gain, sharp horizontal and vertical directivity eliminates "ghosts" and "snow." Rugged construction, large reflector screen made of highest grade aluminum tubing. "Fold-open" assembly. Lightweight. AN-130 Shpg. wt., 5 lbs. Net 4.26

JFD HI-FI AAA* GOLD BOND ALODIZED TV ANTENNAS

Shrink the miles . . . flatten the mountains for brilliant black and white or color pictures.

* Attractive Anti-corrosive, GOLD BOND ALODIZING protects each JFD antenna against rust; beautifies it for lasting beauty.

VX1111G HI-FI SATELLITE HELIX



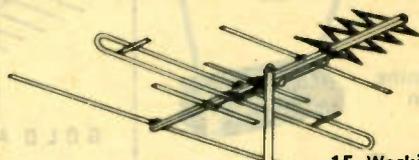
29¹¹

UP TO 24 MONTHS TO PAY SEE PAGE 381

- For Deep Fringe areas up to 150 Miles
- 31 Working Elements
- Non-Rust AAA* Gold Bond Alodized

Delivers high definition reception—black and white or color—in deep fringe locations. Pinpoints distant TV stations. Supersensitive helical high band section, plus famous Satellite sleeve dipole low band provide exceptional front-to-back ratios for movie-clear pictures on channels 2 to 13. Improves ghost and interference rejection. 1" tubular braces support entire boom length against sag. 100% preassembled for "flip" installation. Less mast and 300 ohm twin line. Shpg. wt., 15 lbs. AN-106WX AAA Gold Bond Alodized Net 29.11

JX311G HI-FI JUNIOR-HELIX

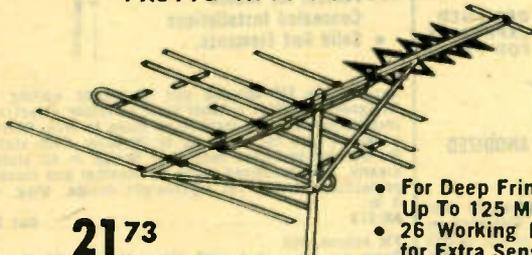


10³⁹

- 15 Working Elements
- Range to 50 Miles
- Out-performs Stacked Conicals

The perfect answer to all VHF B/W, and color reception problems in metropolitan and suburban areas. Outperforms and outlasts the finest 2-bay conical. Utilizes the basic fringe-proved Satellite-Helix design of expensive fringe antennas. Completely preassembled all aluminum construction. 1" square crossarm with capped ends. Less mast and 300 ohm twin line. Shpg. wt., 5 lbs. AN-93WX Net 10.39

PX911G HI-FI POWER HELIX



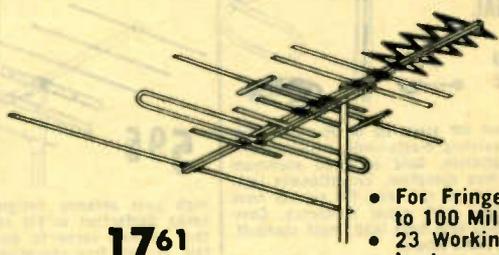
21⁷³

FOR BUOGET TERMS SEE PAGE 381

- For Deep Fringe Areas Up To 125 Miles
- 26 Working Elements for Extra Sensitivity
- AAA Gold Bond Alodized

Extra-high sensitivity for crisp, clear, snow-free picture in B/W or color, out in deep fringes. Triple-driven collector system combines famous Satellite straight and folded dipole sections into single co-active antenna for Yagi-quality performance. High front-to-back ratios of up to 22 db on low band and up to 28 db on high band screen out ghosts. Entire 1" square boom rigidized by two 1" tubular supports. Less mast and 300 ohm twin line. Shpg. wt., 10 lbs. AN-75WX AAA Gold Bond Alodized Net 21.73

SX711G HI-FI STAR HELIX

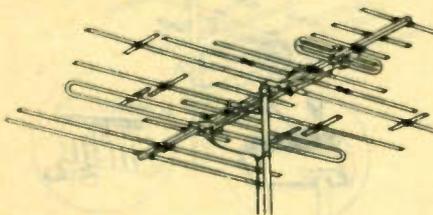


17⁶¹

- For Fringe Areas Up to 100 Miles
- 23 Working Elements
- Lustrous AAA Gold Bond Alodized Aluminum

Triple-driven collector system joins powerful Satellite folded and straight dipole sections for Yagi-quality performance. Front-to-back ratios of up to 22 db on channels 2 to 6 and 28 db on channels 7 to 13 reject noise and signals from rear and side. Rugged aluminum construction, elements lock into new "Perma-Lok" brackets. Less mast and 300 ohm twin line. Shpg. wt., 8 lbs. AN-71WX AAA Gold Bond Alodized Net 17.61

FB520G HI-FI TRIPLE DRIVEN FIREBALL



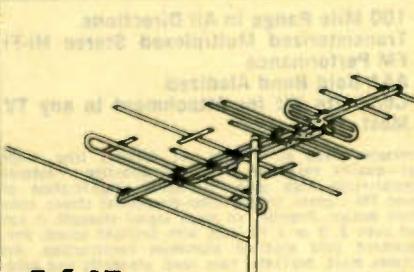
22⁰⁵

EASY BUOGET PLAN
SEE PAGE 381

- For Fringe Areas Up to 125 Miles
- 24 Working Elements
- AAA Gold Bond Alodized to look better and work better

Charge weak deep-fringe VHF signals with brilliant picture detail. Individual reverse phase twin driven low band and high band collectors, reflectors, and directors. Extremely high signal-to-noise level. Sharpened directivity, interference-free pictures, rich, deep contrast. Ultra-modern inline construction. Completely preassembled. Less mast and 300 ohm twin line. Shpg. wt., 10 lbs. AN-100WX AAA Gold Bond Alodized Net 22.05

FB510G HI-FI TWIN DRIVEN FIREBALL

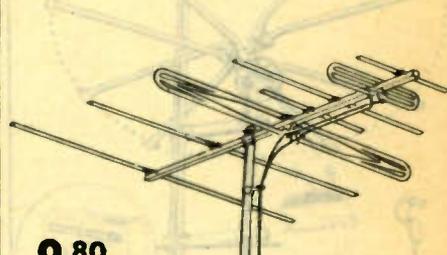


16¹⁷

- Fringe Reception Up To 100 Miles
- 14 Working Elements
- AAA Gold Bond Alodized

14 working elements for higher gain and sensitivity. Combined Satellite and Fireball designs, with broad band cut directors and reflectors develop exceptional directivity and power on all VHF channels. High front-to-back ratio tunes out ghosts, snow and interference. Trim inline design, reinforced construction for storm-proof performance. Less mast and 300 ohm twin line. Shpg. wt., 8 lbs. AN-102WX AAA Gold Bond Alodized Net 16.17

FB500G HI-FI FIREBALL



9⁸⁰

- For Local and Suburban Areas Up To 75 Miles
- 9 Multi-Purpose Elements
- AAA Gold Bond Alodized

Offers flat, uniform response and acute directivity on channels 2 to 13 in town and country. Twin-driven low band and high band dipoles working with phased reflectors and directors step up sensitivity, and suppress ghosts and undesirable signals. All aluminum throughout. 100% "Quick-Rig" factory-preassembled for fast set-up. 1" square crossarm, reinforced elements. Less mast and 300 ohm twin line. Shpg. wt., 6 lbs. AN-79WX Gold Bond Alodized Net 9.80

LAFAYETTE has MORE FM antennas LOWER prices

AMPHENOL INDOOR TV ANTENNA

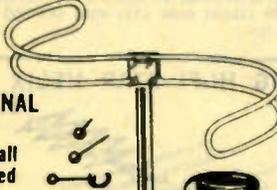


259

- Slide Rule Tuning
- Modern Design

Designed for True video fidelity—featuring “slide rule” tuning with inductive reactance network for fine picture adjustment and transformer coupling for strict impedance matching. Elements fold from sight when not in use. Shpg. wt., 2 lbs.
AN-65 Indoor TV Antenna Net 2.59

NEW! FM ANTENNA KIT



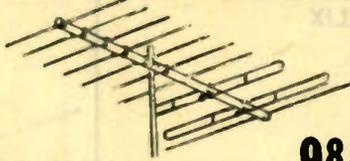
398

ALL DIRECTIONAL

- Ready To Install
- Fully Assembled

Provides excellent gain for areas up to 35 miles from the station. Use on existing masts—new installation—or as an attic installation. Gold anodized aluminum for years of trouble free operation. Exceptionally light—sturdy design. Capable of receiving FM signals from practically all directions with equal efficiency. Complete with 50 ft. of 300 ohm twin lead, mast standoff, screw eye standoffs, mast mount.
AK-53 Shpg. wt., 5 lbs. Net 3.98
FM ANTENNA ONLY, Shpg. wt., 3 lbs.
AN-66 Net 2.85

“MULTIPLEX 10” EXTENDED RANGE FM ANTENNA

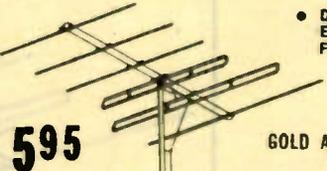


988

GOLD ANODIZED

Ideally suited to Multiplex FM reception. Stereo (Multiplex) FM signals, for the average tuner, have a range of approximately half that of ordinary (monaural) FM signals. This 10 element, double driven, yagi array has the necessary added gain, sensitivity and directivity to compensate for the lack of signal strength. Assures full-fidelity reception and highest signal/noise ratio. All aluminum gold anodized construction. Fiberglass insulators. Torsion lock hardware, sure-lock mast clamp. Board banded to cover the entire 88 to 108 mc band. Shpg. wt., 7 lbs.
AN-250WX Net 9.88

NEW “HI-5 FM YAGI”

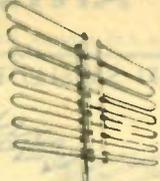


595

GOLD ANODIZED

- DESIGNED EXPRESSLY FOR FM

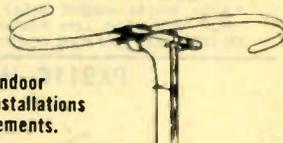
High gain antenna designed for the audiophile who seeks perfection in FM reception. Extra elements on this antenna serve to pull in stations where others fail. Trouble free operation even under severe weather conditions. The fully automatic snap-lock brackets insure easy, rapid and secure installation.
AN-49WX Shpg. wt., 3 lbs. Net ea. 5.95



825 FM
STEREO-PLEX ANTENNA

The Model FM-88 Seven Element Stereo-Plex FM antenna is the first antenna designed specifically for Multiplex Stereo FM. An omni-directional antenna with triple the power of crossed dipoles . . . and four times the power of “S” shaped FM antennas. All aluminum construction. Receives from any direction at distances up to 40 miles from the station. Shpg. wt., 4 lbs.
AN-216W Net 8.25

NEW LAFAYETTE ULTRA-LITE ALL DIRECTIONAL FM ANTENNA

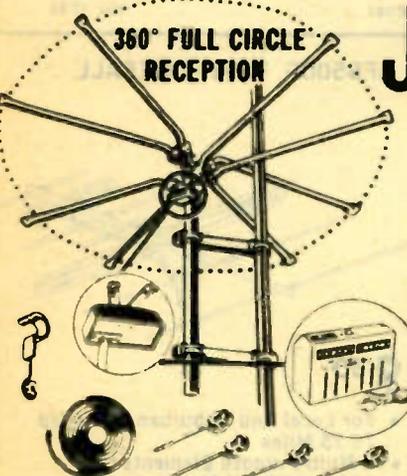


210

- Perfect for Indoor Concealed Installations
- Solid Rod Elements.

Here is the FM antenna you have been waiting for. Designed for either outdoor mast or indoor closet/attic installation. Easy to install—no holes to drill. Provides excellent gain for areas up to 35 miles from station. Perfect for multiplex reception. Brings in all stations clearly. Gold corodized finish for weather and corrosion protection. Strong, yet lightweight design. Shpg. wt., 1 lb.
AN-213 Net 2.10
FM Antenna Kit
 Same as above, but with kit containing 50 ft., 300 ohm line, 3-31 1/2” Stand-offs; 1-7 1/2” stand-off and 1 mast wrap around stand-off. Shpg. wt., 3 lbs.
AN-214 Net 3.23

JFD HI-FI FM ANTENNAS STEREO-CONE ALL DIRECTIONAL FM KITS



360° FULL CIRCLE RECEPTION

JFD transis-tenna

FOR SELF-SUPPORTING WALL OR ROOF INSTALLATION, USE THIS LAFAYETTE KIT

One preassembled AAA Gold Bond Alodized Stereo Cone Turnstile Hi-Fi FM antenna (in AAA gold bond alodized aluminum). One 5 ft. AAA Gold Bond alodized aluminum mast. One universal base mount for wall or roof installation. Galvanized steel guy wire, guy ring, stand-offs and mounting hardware. 50 ft. 80 mil. polyethylene 300 ohm transmission line. Less transistorized amplifier and AC power supply. Shpg. wt., 6 lbs.
AN-85WX Net 9.38

JFD transis-tenna

- 100 Mile Range In All Directions
- Transistorized Multiplexed Stereo Hi-Fi FM Performance
- AAA Gold Bond Alodized
- Complete Kit for Attachment to any TV Mast

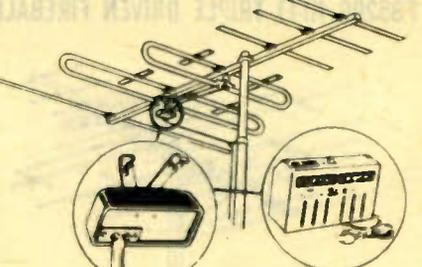
Eliminates need for rotator yet delivers long range yagi—quality reception in every direction. Features transistorized high gain, low-noise amplification of stereo FM signals. Unique omni-directional stereo cone dipole design. Provides so much signal strength it can feed even 2, 3 or 4 FM sets with brilliant sound. Pre-assembled gold alodized aluminum construction. Kit includes mast, brackets, twin lead, standoffs and hardware—plus transistorized amplifier and AC power supply. Shpg. wt., 8 lbs.
AN-109WX Net 32.13

STEREO-CONE ALL DIRECTIONAL FM ANTENNA KITS

- 50 Mile Range In All Directions
- True Multiplexed Stereo Hi-Fi Performance
- Complete Kit for Attachment to any TV Mast
- AAA Gold Bond Alodized

Same kit as above less transistorized amplifier and AC power supply. Shpg. wt., 6 lbs.
AN-87WX Net 8.20
 Same as kit above less transistorized amplifier, power supply, twin lead and stand-offs.
AN-86WX Net 7.03

TWIN DRIVEN JFD transis-tenna ELECTRONIC FM YAGI

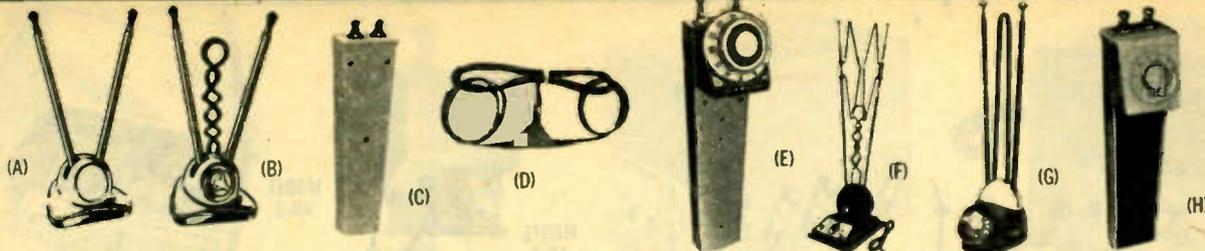


3681 FOR BUDGET TERMS SEE PAGE 381

- 200 Mile Range
- Deep-Fringe Multiplexed Stereo Hi-Fi FM
- AAA Gold Bond Alodized

Combines the power and sensitivity of transistorized amplification with a powerful twin-driven wide-spaced 6 element FM yagi. Offers so much power it can drive 2, 3 or 4 FM sets anywhere in the home. One inch square aluminum cross arm and 1/2 inch o. d. dipoles. Beautifully gold alodized. Completely preassembled.
AN-171WX Net 36.81
 Same antenna as above, less transistorized amplifier and power supply.
AN-88WX Gold Bond Alodized Net 15.75

FAMOUS INDOOR TV ANTENNAS



(A) INDOOR ANTENNA
4-SECTION DIPOLE
 Performs as well as it looks. 4 section aluminum dipoles adjust for best picture on any VHF channel. Handsome mahogany base. Tip proof felt padded base design safeguards TV cabinet. Complete with 300 ohm twin line. Shpg. wt., 2 lbs.
AN-12 Net .99

(B) SWITCH-TYPE INDOOR ANTENNA
 ● 4-Section Dipoles—Brass
 ● 6-position switch
 Features fine-tuning electronic switch for maximum brightness and sharpness on desired VHF channel. Brass dipoles adjust easily for best picture and sound. Tip-proof felt padded base prevents tipping. Finely styled and crafted to match any decor. Complete with 300 ohm twin line. Shpg. wt., 2 lbs.
AN-39 Net 1.99

(C) PORTA-TENNA
 A universal antenna for portable and stationary TV sets. When not in use dipoles disappear. Can be placed on back of any TV set. 4 section, plated, telescoping dipoles. Complete with instructions, mounting hardware and lead in. Shpg. wt., 2 lbs.
AN-35 Net 1.99

(D) FM TWIN LINE ANTENNA
 Folded dipole type for indoor use. Has six foot lead-in equipped with spade lugs which permits it to be installed behind cabinet, under rug, or any out of the way place. Antenna designed to the center of the FM Band. Shpg. wt., 1½ lbs.
AN-50 Net 1.23

(E) JFO MERLIN
 Efficient indoor TV antenna. Mounts on the back of any TV set. Ball swivel mount permits placement at best reception angle. Gold numbered station selector dial utilizes best of 12 electronic circuits. Includes 300 ohm twin lead with spade lugs. Shpg. wt., 1 lb.
AN-90 L10 Ivory Net 4.95
AN-91 L20 Mahogany Net 4.95

(F) RMS FOCUS F38K
 Produces the gain of three separate switch type indoor antennas stacked together. Low silhouette base finished in a rich mahogany crackleton with gold face plate and felt bottom pad to prevent marring furniture. Shpg. wt., 4 lbs.
AN-155 Net 5.95

(G) SNYDER SUPER S3-D
 Features the new Directonic 12 position beam selector switch. Triangular phasing element gives a great selection of circuit arrangements. Has patented 4-section gold tone brass shafts molded into a bakelite ball housing which sits on an extra heavy duty topple proof base. Shpg. wt., 3 lbs.
AN-160 Net 3.95

(H) HIDE AWAY ANTENNA
 All New Hide Away, back-of-set antenna. Elements telescope completely into housing—out of sight. Deluxe brass tarnish proof elements. Shpg. wt., 1 lb.
AN-217 Net 2.99

2.99

UHF/VHF INDOOR ANTENNA
 New, modernistically styled, ebony and gold. 4 section all brass elements. Receives all 82 UHF channels when tilted in horizontal position. Shpg. wt., 3 lbs.
AN-218 Net 2.99

5.26

SPICO SUPER 6 INDOOR TV ANTENNA
 Electronic tuning matches the antenna to the ohm impedance of your TV set—brings you a sharper clearer picture on all channels! Just slide the tuner for best picture. Shpg. wt., 2 lbs.
AN-219 Net 5.26

FMT-G OMNI-DIRECTIONAL FM TURNSTILE ANTENNA
 Eliminates the need for two masts on your roof. All direction reception—no rotators needed. Double mast mount—rugged, rigid parallel mounting. For use on all masts. Shpg. wt., 3 lbs.
AN-249W Net 3.75

FM TURNSTILE KIT: Antenna above plus angle roof mount-lightning arrester—75 feet of 300 ohm twin lead—screws eyes—mast standoffs and 5 ft. 1¼ O.D. steel mast. Shpg. wt., 10 lbs.
AK-64WW Net 6.69

INDOOR T.V. ANTENNA

.85 ea.
AN-105

6 or more **.77** each

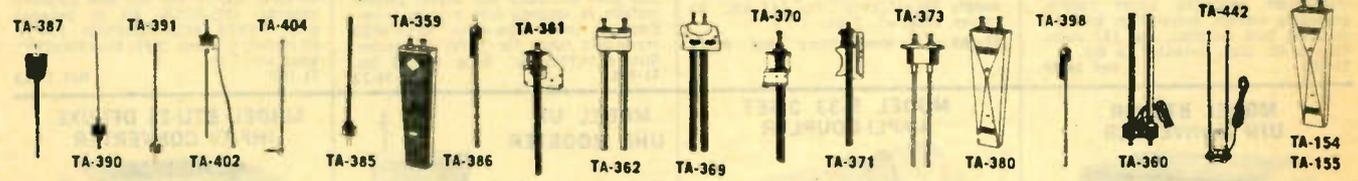
12 or more **.65** each

Classic design for any TV set. 3-section telescoping elements. Shpg. wt., 1 lb.

SERVICEMAN and DEALER SPECIAL!

JFO EXACT REPLACEMENT ANTENNAS

Exact replacement TV antennas for portable and tote-able TV receivers. Avg. Shpg. wt., ¾ lbs.



| ADMIRAL | | | |
|------------------|---------|--|---------|
| Stock No. | JFO No. | Mfrs. Part No. | Net Ea. |
| AN-177 | TA-361 | 69C-220-1, 69C-220-5 | 3.23 |
| AN-181 | TA-370 | 69C-238-1 | 3.67 |
| AN-182 | TA-371 | 69C-234-1 | 3.67 |
| AN-189 | TA-154 | AN-301 | 2.32 |
| AN-175 | TA-155 | ALL 1956 & 1957 Sets | 2.71 |
| DU MONT | | | |
| AN-89 | TA-359 | All 1959 17" Sheffield | 2.65 |
| AN-188 | TA-442 | 22002521 | 2.32 |
| EMERSON | | | |
| AN-176 | TA-360 | 471090 | 4.50 |
| AN-188 | TA-442 | 471003, 471069, 471076, 471146 | 2.32 |
| GENERAL ELECTRIC | | | |
| AN-178 | TA-362 | P125J590-2, WT8 3X9, 10, 14 | 5.73 |
| AN-176 | TA-360 | P125J438-1, RLR001, WT83X5 | 4.50 |
| AN-188 | TA-442 | All '56 & '57 14" & 17" sets sold less Antenna | 2.32 |
| AN-190 | TA-387 | WT83X16, 19, 29 | 4.50 |

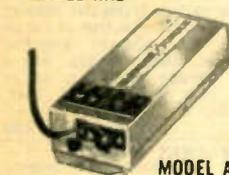
| HOT POINT | | | |
|-----------|---------|--|---------|
| Stock No. | JFO No. | Mfrs. Part No. | Net Ea. |
| AN-178 | TA-362 | WT231X3, 5 | 5.73 |
| AN-190 | TA-387 | WT231X7 | 4.50 |
| AN-188 | TA-442 | All '56 & '57 14" & 17" sets sold less Antenna | 2.32 |
| MAGNAVOX | | | |
| AN-89 | TA-359 | All '57, '58 and '59 17" and 21" sets | 2.65 |
| AN-195 | TA-404 | 700854, -7 | 2.50 |
| MOTOROLA | | | |
| AN-89 | TA-359 | TK-76, 1V746989 | 2.65 |
| PHILCO | | | |
| AN-191 | TA-390 | 76-10734-1,-4 | 4.09 |
| AN-186 | TA-385 | 76-10734-2,-3,-5 | 3.67 |
| AN-187 | TA-386 | 76-11538-1 | 3.23 |
| AN-192 | TA-391 | 76-10734-6 | 4.09 |
| AN-89 | TA-359 | '57 14" Sets sold less Antenna | 2.65 |

| RCA | | | |
|------------------|---------|--|---------|
| Stock No. | JFO No. | Mfrs. Part No. | Net Ea. |
| AN-180 | TA-369 | 962344-1 thru 10, 107260 | 4.85 |
| AN-89 | TA-359 | 973447, 104341, 104366, 104457, 104634 | 2.65 |
| AN-193 | TA-398 | 1470138-001-00, 109139 | 2.91 |
| SILVERTONE SEARS | | | |
| AN-195 | TA-404 | 580-0012, 13 | 2.50 |
| AN-89 | TA-359 | 82-116-0 | 2.65 |
| AN-176 | TA-360 | 82-127-0, 82-139-0 | 4.50 |
| TRAV-LER | | | |
| AN-191 | TA-390 | L-148 | 4.09 |
| AN-186 | TA-385 | L168 | 3.67 |
| AN-188 | TA-442 | '58 1730-1 17" | 2.32 |
| WESTINGHOUSE | | | |
| AN-175 | TA-155 | H977 | 2.71 |
| ZENITH | | | |
| AN-183 | TA-373 | S46769 | 4.85 |
| AN-184 | TA-380 | S43260, S43280 | 3.67 |
| AN-194 | TA-402 | S50123 | 4.09 |

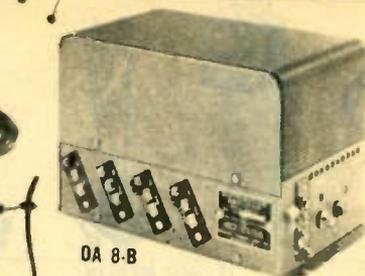
BLONDER TONGUE TV ACCESSORIES



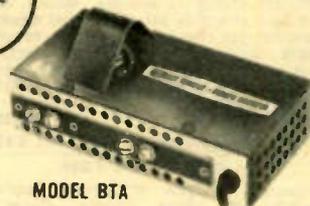
MODEL HAB



MODEL AB-4



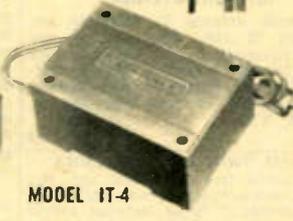
DA 8-B



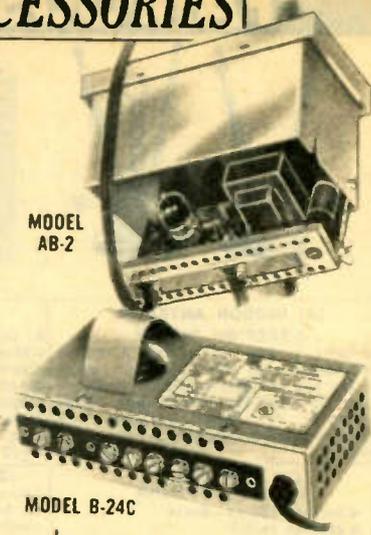
MODEL BTA



MODEL AB-3



MODEL IT-4



MODEL AB-2

MODEL B-24C

MODEL HAB TV/FM AMPLIFIER

The HAB provides high gain on channels 2 to 13, including the FM band. Can be used as an amplifier for small distribution systems, or as a preamplifier for larger master TV systems. FEATURES: Premium Frame-Grid Circuitry for low noise and high gain; Low cost operation; Separate high and low band amplification for wide-band response; Easy installation highlighted by solderless 75 and 300 ohm terminals; GAIN—23 ± 1db; Noise figure—54-108 mc ... ± 1db, 174-216 mc ... ± 1.3 db; Input and output impedances 75 or 300 ohms; Cross modulation, 1%; TUBES—1—60J8/ECC88, 2—6EW6. Size: 6x4³/₈x5³/₄". For 117 volts, 60 cps. AC. Shpg. wt., 5 lbs. TL-105 Net 42.78

MODEL AB-2 VHF TV BOOSTER

Enjoy brilliant, clear TV reception in even the most difficult 'weak' signal or fringe areas. Powerful broadband amplifier provides more than 10 db gain on all VHF (2-13) channels. The amplifier, housed in a weatherproof case with mast mounting brackets, may be located up to 500 feet from the remote control unit. No separate power line is required. Automatic operation—booster turns off and on at remote control. Uses 300-ohm stripless terminals. The remote control unit may be located at any place convenient to the set. Shpg. wt., 2 lbs. TL-103 Net 31.75

AB-3 BROADBAND TV/FM AMPLIFIER

• CAN BE USED UP TO A MILE AWAY FROM AC POWER SOURCE

A deluxe mast mounted amplifier which provides a gain of 22 db on all VHF-TV channels and FM stations. Remote power supply permits amplifier location up to a mile from it. Uses 300 ohm input on stripless terminals. Output is matched to either 300 ohm twinlead or 75 ohm cook. Automatic on-off switch. AC power carried to Amp. on ordinary twin lead. Size: 7¹/₂x5³/₄x4¹/₄". Power supply 6³/₄x3³/₄x4¹/₄". For 117 VAC, 60 cycles. Shpg. wt., 7 lbs. TL-169 No Money Down Net 63.21

NEW! MODEL AB-4 MAST MOUNTED TRANSISTORIZED TV/FM BOOSTER

A complete, compact amplifier—distribution system for up to 4 TV or FM sets. Reliable transistor circuit provides low noise and high gain. Stripless 300-ohm terminals on booster, and remote power supply for fast, positive installation. Requires four 1.5 volts flashlight batteries for power. Noise Figure: 4 db avg. High TV gain from 2-17 db and FM 12 db avg. depending on number of sets connected. Shpg. wt., 1¹/₂ lbs. Size: AB-4 2¹/₄Wx3¹/₄Lx1³/₄H. RP-4 (power supply included) 3Wx7¹/₄Lx1¹/₂H. TL-165 Net 18.62
BA-157 1.5 volt Battery (4 required) Shpg. wt., 15 oz. Net .13
MODEL AB-4AC. As above, with AC power supply. Shpg. wt., 1.5 lbs. TL-168 Net 21.27

MODEL BTA TV/FM POWER BOOSTER

Improve TV (B & W or color) and FM reception by boosting signal strength for 2, 3 or 4 sets. Sharper brighter picture and crisp static free sound in deepest fringe areas. Signal strength is boosted 7 to 9 db on channels 2-13; 4 to 8 db on FM. Perfect for both indoor or outdoor antennas. Features stripless 300 ohm terminals and on/off switch, installs in seconds with a screwdriver. Employs latest low-noise 6FY5/6FQ5 frame-grid tube. For 117V; 60 cycles. Size: 6¹/₄x3³/₄x2¹/₂". Shpg. wt., 2 lbs. TL-109 Net 10.73

MODEL IT-4 TRANSISTORIZED 4-SET TV/FM BOOSTER

The highest gain of any home TV booster. Boosts antenna signal up to five times. More power for up to 4 TV or FM sets. The perfect basic unit for a home master TV-FM system. Draws so little current it need never be turned off—no tubes to replace. Engineered to provide an excellent impedance match and maintain necessary isolation between sets. Can also be used to boost amplification from most mounted boosters or in master systems. Solid electrical contact with the turn of a screw. Size: 2⁷/₈x4x1³/₈". For 117 volts, 60 cy. A.C., .01 amp. Shpg. wt., 1 lb. TL-166 Net 19.60

MODEL B-24C 4-SET TV/FM POWER BOOSTER

Positive improvement in picture and sound quality, even in deep fringe areas, enjoy new channels and new programs in many cases. The B-24 puts new life into older sets. A B-24 with an indoor antenna will often outperform elaborate outdoor antennas. SPECIFICATIONS—GAIN: For one set ("straight-thru"): 11 db on low TV band; high TV band: 8 db. For two set ("couple-two"): 6 db on low TV band and 3.5db on high TV band. BANDWIDTH: 54-108 mc and 174-216 mc, flat within 1/2 db. NOISE FIGURE: 4 db on low TV band and 7 db on high TV band. INPUT: For 300 ohm balanced antenna. ISOLATION: 60 db between sets. POWER REQUIREMENTS: 117 v. 60 cycles; 0.1 amp. SIZE: 6¹/₄x3³/₄x2¹/₂". Shpg. wt., 2 lbs. TL-102 Net 15.63

DA8-B DISTRIBUTION SYSTEM

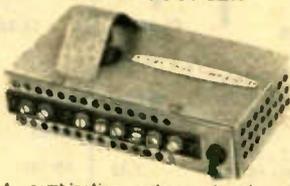
Powerful all-channel amplifier provides 8 isolated TV outlets with 10db gain to each on all VHF channels from one antenna. 75 or 300 ohm inputs—All triode circuitry assures low noise performance. Overload prevented by use of a 10:1 gain control range. Over 22db isolation between outlets. Requires no tuning or special accessories. Uses 4-6J6 tubes. Comes complete for easy installation, including power supply, grounding clamps, solder lugs and terminating load resistors. For 117 volts, 60 cps AC. Size: 9x5x5¹/₂". 6 lbs. TL-108 Net 58.80

MODEL BTC-99R UHF CONVERTER



The only converter with 3 section tuner for "Class A" signal areas with these exclusive features. Tuned input tracks with oscillator, rejects spurious signals, suppresses oscillator radiation. Precise impedance match gives maximum signal conversion—no line ghosts—no picture smear. Drift-free performance is achieved by use of a thermally compensated oscillator circuit. One knob tuning; no UHF channel switching; output on channel 4, 5, or 6. Complete with tubes and instructions. Shpg. wt., 4 lbs. TL-100 Net 16.41

MODEL B-33 3-SET AMPLI-COUPLER

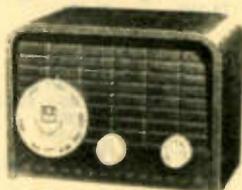


A combination antenna booster and home distribution system. Amplifies the signal of any antenna and distributes it to up to 3 TV and/or FM sets. Used on one set the B-33 more than doubles antenna signal voltage. Easy to install "stripless" terminals make solid electrical connection with the turn of a screw. No soldering is necessary. SPECS: Average gain 7db for one set; input and output impedances match standard 300 ohm twin lead; Power 117V, 60 cycles AC., 6 W. Size: 6¹/₄x3³/₄x2¹/₂". Shpg. wt., 2 lbs. TL-167 Net 11.96

MODEL UB UHF BOOSTER

Mast mounted to take advantage of the maximum signal-to-noise ratio, it increases signal voltage by 14 db. May be used in master TV installations and for single sets in schools and homes. Delivers sharp clear pictures in difficult areas. Uses standard 300 ohm twinlead and weatherproof housing. Remote power supply. Six models are listed, each covering a specific portion of the VHF spectrum. For 117 volts, 60 CPS AC. Size: 7x5³/₈x4¹/₂"H. Shpg. wt., 5 lbs.
TL-170 (14-29 MC) Net 58.31
TL-171 (25-40 MC) Net 58.31
TL-172 (41-55 MC) Net 58.31
TL-173 (56-69 MC) Net 58.31
TL-174 (70-83 MC) Net 58.31
TL-175 (72-76 MC) Net 58.31

MODEL BTU-2S DELUXE UHF-TV CONVERTER

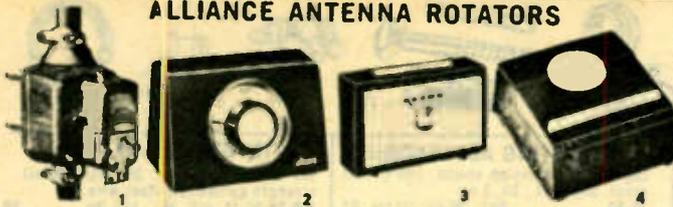


Adds all UHF channels (primary, satellite, and translator) to standard TV sets. Insures finest pix even in weak areas. Features dual-speed channel selection with direct and fine tuning controls; stable, shielded oscillator. Max. signal transfer to channel 5 or 6 of TV; Precise 300 ohm match and triode amplification; Improved tuner design meets new FCC standards; UL approved; Tunes channels 14-83 (470-890 mc); Tubes: 6AF4A and 6ER5; Power: 117 volts at 60 cps AC, 20 W. Size 6¹/₄x5x4¹/₂". Shpg. wt., 4 lbs. TL-101 Net 27.44

USE LAFAYETTE'S CONVENIENT EASY PAYMENT PLAN—SEE PAGE 333

ROTATORS - RANGE EXTENDERS - VOLTAGE REGULATORS

ALLIANCE ANTENNA ROTATORS



Rotator redesigned and restyled to provide faster, smoother, better efficiency. Rotation speed is 1 R.P.M. and thus has the fastest change from station to station. Magnetic brake affords instantaneous stop without drift. There is full 360° rotation. Factory lubricated for life. Contacts are self wiping thus preventing arcing, loss of contact or interference in pix. A reinforced zinc die cast housing affords all weather protection.

Model U-98 (1 & 2)—Fully automatic, just set control knob and antenna rotates to desired position and stops automatically. Indicator shows position of antenna. Has positive mechanical stop at the end of rotation. Size: Rotator 7 3/4" x 5 1/4" x 8". Control Case 7" x 4 1/2" x 4". 110V. 60 cps AC at 65 watts. Shpg. wt., 12 lbs. **TL-71W** Net 25.77

T-12 (1 & 3)—Manually operated with direction indicator. Needle indicates position of antenna on control panel. Has clockwise and counterclockwise revolution. Highly styled decorator case. Size: Rotator 7 3/4" x 5 1/4" x 8". Control Case 6 1/2" x 2 1/2" x 4 1/2". Operates on 110V 60 cps AC at 30 watts. Shpg. wt., 12 lbs. **TL-72W** Net 22.12

Model K-22 (1 & 4)—Economy model—Provides positive instant finger tip control of rotation. Push on an end of bar and antenna turns clockwise. Push down on other end and antenna turns counterclockwise. Center disc automatic signal light indicates when limit of travel in either direction has been reached. Size: Rotator 7 3/4" x 5 1/4" x 8". Case 5" x 5" x 4". Shpg. wt., 12 lbs. **TL-73W** Net 18.08

TBB THRUST BEARING BRACKET increases stress capacity of Tenna-Rotors up to 300 lbs. Withstands winds up to 90 M.P.H. Prevents buckling and bending. Shpg. wt., 3 lbs. **TL-74** Net 2.91

WRC-104 4 conductor flat cable for above—per ft. .03; **WR-151** per C ft. 2.39

CDR AR-22 AUTOMATIC ROTOR

● Controlled Directional Reception For Color TV-FM Multiplex—UHF

This heavy-duty rotor unit will handle antennas up to 150 lbs. Simply set the control unit pointer to the desired direction, and the antenna will automatically rotate to this position and stop. Perfect for TV, Ham or Citizen Band application. Rotor unit employs 12 heavy duty ball bearings in two 6 1/2" races. Weather-proof motor reverses instantly and is factory lubricated for life. Reversible clamps on rotor will take masts from 7/8" to 2". O.D. Control unit is marked in compass points. N.S.E.W. NW, NE, SW, and SE. Housed in attractive brown plastic cabinet with rubber feet. Complete with rotor, control unit and instructions. For 110-120 volts, 50-60 cps AC. Requires 4 conductor cable. **HE-476WX** Net 32.77

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WRC-104 4 conductor cable ea. ft. Net .03; **WR-151** 100 ft. length Net 2.39

CDR ROTOR W/COMPASS CONTROL UNIT

● Controlled Directional Reception for color TV-FM Multiplex—UHF

● Illuminated Compass Pattern Dial

Press the bar lever on the TR-2A compass-type control unit and you start the antenna rotating, reverse the direction or stop. As antenna rotates, one of the letters on the dial will light up to show the direction the antenna is facing—N.E.S. or W. 110-120V 50-60 cycle AC. For remote control operation, see TL-161 below.

Rotor handles loads to 150 lbs. Weather-proof construction, life-time lubrication. 12 heavy-duty bearings in two 6 1/2" ball-bearings races. Motor reverses instantly. Clamps handle masts of 7/8" to 2". Heavy-duty precision gears; magnetically released mechanical brake; 3 guy-wire lugs; mounts on mast, tower or platform. **TL-160** Shpg. wt., 16 lbs. Net 26.41

8-CONDUCTOR CABLE. For use with TR-2A Rotor above. Shpg. wt., per 100-ft., 4 lbs. **WR-446** Per 100-ft. length Net 4.20

ALL CHANNEL UHF-TV CONVERTER

- For Clear Sparkling Pictures
- Class A Signal Areas
- Adds UHF Channels 14-83 to Your TV Set

13⁴⁴



Enjoy all the new programs on UHF channels 14-83 on your present TV set with this UHF converter. Simple one-knob tuning with single on-off knob. Easy to install to terminals of your TV set and is easily attached to rear or side of cabinet. Gold, unbreakable metal housing. Power: 117V AC, 60 cycles. Size: 5x3 3/4x2 3/4". Shpg. wt., 3 lbs. **TL-98** Net 13.44

NEW! WIRELESS REMOTE ROTOR CONTROL

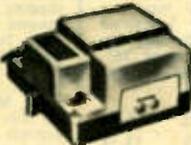
- Fingertip Remote Control of TV Antenna Rotors
- No Batteries, Tubes or Wires



The CDR AK-122 Ultrasonic Remote Rotor Control keeps your TV in precision focus at all times right from your easy chair. Quick, plug-in mounting without wiring or installation. Dependable control from 50 feet away. This new ultrasonic remote control eliminates need for cables, cords, necessity for control boxes on TV cabinets. Can be used with CDR Models TR-2A (above), TR-4A and TR-11A rotors. Shpg. wt., 2 1/2 lbs. **TL-161** Net 40.42

JERROLD "FMX" FM RANGE EXTENDER

- Improves Sound of Inexpensive FM Tuners and Receivers
- Brings in More FM Stations
- Ideally Suited for Multiplex Reception



A high gain (20 db) signal preamp complete with built-in power supply and on-off switch. Novel 6DJ8 frame grid tube eliminates unwanted background noise. Printed circuitry for stable performance. Designed for quick, easy mounting anywhere in the home, between antenna and receiver. Light-alloy cabinet with "no-strip" trim lead connectors. Input and output impedance: 300 ohms; signal input: 1.2 microvolts; power requirements: 10W at 117V AC, 60 cps. 4 1/2x4 1/2x3". **TL-96** Shpg. wt., 1 1/4 lbs. Net 18.95

JERROLD TX-FM SPECIAL TV-FM COUPLER

● No Signal Loss

The new TV-FM coupler splits TV and FM signals frequency-wise and without loss to either signal from a common antenna. Gives complete isolation between TV and FM sets. Equipped with "No-Strip" serrated washers. Indoor mounting on baseboard, in attic or basement; bracket supplied for outdoor mounting to antenna mast. Shpg. wt., 1/4 lb. **TS-352** Net 3.57



JERROLD TV-FM HOME SYSTEM ACCESSORIES



HS-135. Surface mounting outlet assembly with press-on male plug. Shpg. wt., 2 oz. **TS-353** Net 1.17



HS-140. Flush mounting outlet; mounting ring; ivory cover plate; press-on plug. Shpg. wt., 1/4 lb. **TS-354** Net 1.65

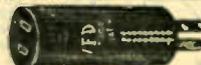


HS-24. Press-on male plug. No soldering required. Shpg. wt., 1 oz. **TS-355** Net .30

JFD VOLTAGE REGULATOR

Maintains steady TV Pix by keeping AC/DC line voltage constant. Automatic regulating protects TV set. Plug TV into regulator, and regulator into outlet. Shpg. wt., 1 lb.

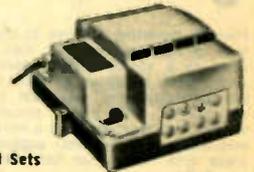
- TS-115** 200 watts Net 2.32
- TS-116** 250 watts Net 2.32
- TS-117** 300 watts Net 2.32
- TS-118** 375 watts Net 2.32



JERROLD HSA-44 4-SET AMPLIFIED COUPLER

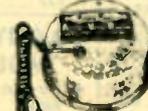
18⁹⁵

- Operates 4 TV/FM Sets from One Antenna



This new amplified coupler allows the use of up to 4 FM or TV sets, in any combination, from a single antenna with a minimum of 1/2 db gain at each output. Operates on an input as low as 100 microvolts and has an excellent noise figure. Input and output impedance of 300 ohms permit use of twin-lead in installation without stripping. Uses 6DJ8 tube, 4 1/2x4 1/2x3". For 117V AC, 60 cycles. Shpg. wt., 3 lbs. **TL-97** Net 18.95

AUTOMATIC TV VOLTAGE REGULATOR



- RETURNS FULL HEIGHT AND WIDTH OF PICTURE WHEN LOW LINE VOLTAGE CAUSES DISTORTION OF PICTURE
- ELIMINATES INTERMITTENT SYNC AND OSCILLATOR DRIFT
- AUTOMATICALLY BOOSTS 10 VOLTS

Returns full height and width of TV picture affected by low line voltage. This 300 watt model will handle most requirements from 90 to 135 volts. Boosts 10 volts automatically when line is below 110 volts. Increases set sensitivity. Reduces low line hazards. Simple plug-in installation. Turns on and off with the TV set. Shpg. wt., 2 1/2 lbs.

MODEL D-200

TR-108 PERMA-POWER MODEL D-200 Net ea. 5.85

PERMA-POWER MODEL 0-101—Manual model, can also be switched for high line voltage adjustments. **TR-20** Net 4.09



TV LINE VOLTAGE REGULATOR

A protective unit designed to keep line surges from damaging TV or radios. Surges reduced from max. 140 V. down to 110 V. Saves tubes, fuses, etc. Plug into outlet and receiver into unit. Shpg. wt., 1 lb.

- VD-382** 200 to 300 watts Net 2.05
- VD-383** 300 to 375 watts Net 2.35

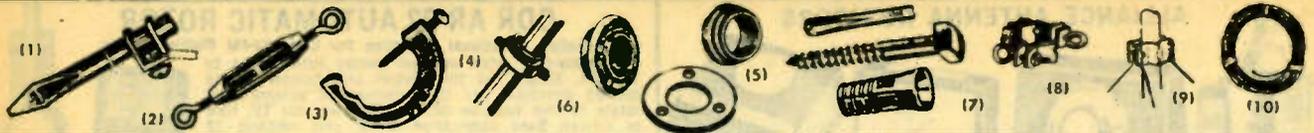


ACME T8394M VARIABLE VOLTAGE ADJUSTER

300 W. continuous duty variable transformer. Adjusted by rotary tap sw. Used as step up or step down. Voltmeter shows sec. voltage. Pri.

- 95/100/105/110/115/120/125 volts at 50/60 cps. Sec. out 115 V. 8' cord and plug. Size 4 3/4x4x5". Shpg. wt., 9 lbs. **TR-14** Net 11.32

TV TOWERS - MASTS - ACCESSORIES



(1) 3/8" PLATED GROUND ROOS
For use where pipe ground is not available. Heavy steel yoke for head.
TL-15W 4 ft. Shpg. wt., 1 1/2 lb. .47
TL-16WX 6 ft. Shpg. wt., 2 1/4 lb. .68

(2) STEEL TURNBUCKLES
Takes up guy-wire slack. Rustproof galvanized steel. Size: 7/8" open, 5/2" closed. Shpg. wt., 8 oz.
TS-72 .13
10 for 1.17

(3) "GRIP" GROUND CLAMP
Makes vise-like grip on pipe. Sharp pointed screw makes perfect contact.
TS-81 Shpg. wt., 4 oz. .15

(4) COLLAR
Universally adapted to masts up to 1 3/4". Hardened cone points. Permits mast orientation when using guy wires.
TS-78 Shpg. wt., 2 oz. Net .30

(5) GUY WIRE RING & COLLAR
Cast aluminum floating guy wire ring and collar permits complete orientation of the mast. Will fit masts up to 1 3/4". Shpg. wt., 1 lb.
TS-79 1.06
TS-80 Same as above but will take masts up to 1 1/4" 1.12

(6) FLOATING GUY RING
Free-floating. Will not bind. Retains guy wire securely. Galvanized steel. Shpg. wt., per pkg. 19 ozs.
TS-66 For 1 1/4" mast. Pkg. of 5 .33
TS-67 For 1 1/2" mast. Pkg. of 5 .39

(7) MOUNTING ACCESSORIES
Lag screw expansion shield. 100% rust proof. Shpg. wt., 10, 2 oz.
TS-50 Net .09 ea. 10 for .81
Lag bolts, 1/4" diam. shank 1 1/2" long.
TS-51 Net .04 ea. 10 for .36

Star drill, 1/2x8" for drilling in concrete, brick or stone. Shpg. wt., 12 oz.
TS-52 Net .49

(8) 3-WAY GUY WIRE CLAMP
Fits masts up to 2 1/2" diameter. Made of heavy gauge steel. Shpg. wt., 3 oz.
TS-89 Net .29

(9) MAST GUY CLAMP
Has 6 guying points. A handy thing to keep in the tool kit. Will accommodate masts up to one and one-half inches in diameter. Shpg. wt., 1/2 lb. .21

(10) STEEL GUY WIRE
Six strands of No. 20 high tensile strength galvanized steel wire.
WR-28 50 ft. roll. Wt., 1 1/2 lbs. .30
WR-29 100 ft. roll. Wt., 2 lbs. .54
WR-30 500 ft. roll. Wt., 12 lbs. 2.65

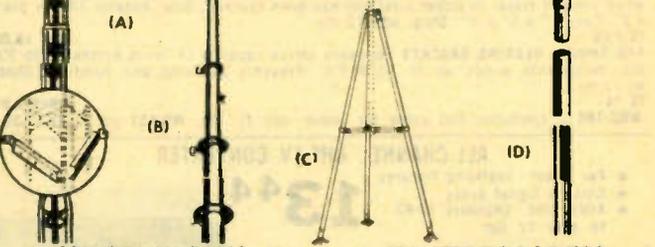
ALUMINUM GUY WIRE
7-18 gauge stranded wires. Breaking strength 500 lbs.
WR-33 100 ft. roll. Wt., 2 lbs. 1.98
Lots of 5 ea. 1.88

ALUMINUM GROUND WIRE
WR-27 50 ft. coil. Wt., 1 1/2 lb. .65
WR-31 100 ft. coil. Wt., 2 1/4 lb. 1.20
WR-32 500 ft. coil. Wt., 13 lb. 5.90

GUY WIRE FASTENER
.69
Simply draw guy wire through the "grip-tite"; loop wire back, and twist once. Used extensively in armed service communication installations.
TS-320 Shpg. wt., 4 oz. Net .69

GOLD ANODIZED ALUMINUM MAST
This Golden Anodized aluminum mast will outlast any antenna. Made of a tough, extra strong, drawn aluminum alloy. Two or more masts may be telescoped together.
TL-115W 5 ft. Wt., 1 1/2 lbs. Net 1.25
TL-116WX 10 ft. Wt., 2 1/2 lbs. Net 2.39

TOWERS — MAST SECTIONS



(A) SPAULDING "STRATO-TOWERS"
High quality beaded channel construction. All riveted, no welds to rust. Rugged, zinc plated steel. More strength—less wind resistance at tower top. Top sections accept any rotator. All sections factory assembled. Each tower consists of one or more 8' sections plus an 8' mast, base plate and mast kit assembly. May be "house" bracketed or roof mounted. Free standing installations require guying every 16". Roof mount, "house" bracket and guy stations are extra.

| Stock No. | Hgt. | Secs. | Wgt. | Net |
|-----------|------|-------|------|-------|
| TL-123X | 8' | 1 | 25 | 15.78 |
| TL-124X | 16' | 2 | 41 | 23.22 |
| TL-125X | 24' | 3 | 56 | 29.22 |
| TL-126X | 32' | 4 | 72 | 36.52 |
| TL-127X | 40' | 5 | 88 | 43.83 |

House Bracket, Shpg. wt., 5 lbs. Net 3.67
Roof Mount Base, Shpg. wt., 2 lbs. Net 2.88
Guy Station, Shpg. wt., 4 lbs. Net 3.25
TL-130X

Shipped F.O.B. Frankfort, Ind. No C.O.D. Send full remittance to Lafayette with order. Shipping charges collected on delivery.

(B) TELESCOPING TV MASTS
Heavy-duty telescoping masts, ideal for any TV antenna array. Hot-dip zinc galvanizing inside and outside provides unusual ruggedness and impenetrable corrosion resistance. Designed for easy installation and assembly. Husky thumb bolts lock sections automatically. No slipping, no twisting. Precision fitting assures lasting service. 18 gauge .003" wall. Supplied complete with all guy rings, clamps and necessary hardware. Total 5 10-ft. sections for height up to 50 ft. O.D.: #1 (1 1/4"), #2 (1 1/2"), 50-FT. MAST—Consists of all 5 sections #3 (1 3/4"), #4 (2"), #5 (2 1/4"). Shipping express only.
Listed above: Nos. 1, 2, 3, 4 and 5. Height 50 feet. Shpg. wt., 39 lbs.
TL-63WX Net 13.73
40-FT. MAST. Consists of 4 sections; Nos. 1, 2, 3 and 4. Height 40 feet. Shpg. wt. 28 lbs. Net 10.05
TL-62WX Net 10.05
30-FT. MAST. Consists of 3 sections. Nos. 1, 2 and 3. Height 30 feet. Shpg. wt., 21 lbs. Net 7.28
TL-61WX Net 7.28
20-FT. MAST. Consists of 2 sections. Nos. 1 and 2. Height 20 feet. Shpg. wt., 14 lbs. Net 4.58
TL-60WX Net 4.58

UNDER-EAVE MOUNT
• For Modern Overhanging Eaves
347
Permits mounting antenna to the underside of over-hanging eave. Can also be used as a sturdy self supporting flat roof mount. Heavy gauge steel and Hot-Dip galvanized for maximum corrosion resistance. One piece mounting of welded construction with a heavy gauge embossed steel diagonal support. Complete with installation hardware. Shpg. wt., 6 lbs. Net 3.47

ALL ANGLE BASE and ROOF MOUNT
All Angle Base and Roof Mount. Most popular swivel base mount in use today. Works on any surface—flat, slant, peak or wall. Heavy gauge weatherproofed steel. Takes any mast up to 2 1/4" O.D. Complete with hardware. Wt., 2 lbs. Net 1.07

NEW "BI-MOUNT" ANTENNA MOUNTING KIT
Does not use guy wires — is strong, easy to install.
182
"BI-MOUNT" kit used to mount and support any 5 ft. 1 1/4" mast. Includes collar, support legs, base mount and screws. Shpg. wt., 1 1/2 lbs. Net 1.82
SUPER "BI-MOUNT" kit used to mount and support any 10 ft. 1 1/4" mast. Includes 1" dia. support legs, collar, adjustable mast mount and all screws. Shpg. wt., 2 1/2 lbs. Net 3.44

SOUND-POWERED PHONE
Ideal For TV Installation
881
Requires no battery or line voltage. A whisper can operate this self-powered, self-contained telephone. Excellent speech fidelity. Unsurpassed for use in erecting TV antennas. Ideal for home or office room inter-communication. Effective over distances to 25 miles with No. 16 twisted wire; up to 15 miles with No. 19 twisted wire. 12 units can be connected in parallel. Usable with single wire and ground return. Attractive black, molded phenolic handset. Complete ready-to-operate. With 3 1/2 ft. 2-conductor cable, test clips and rubber insulators. Less extension wire. Shpg. wt., 1 1/2 lbs.
ML-292 HANOSSET Per Phone Net 8.81
2 cond. wire for indoor and outdoor use. Shpg. wt., 2 lbs. BELDEN 8486.
WRC-68 per ft. .035
WRC-68 per 100 ft. 2.10

NO-GUY ROOF MOUNT
• For Flat or Slanted Roof
• Steel and Cast-Iron Base
247
Legs adjust to the angle of roof for mounting on flat or peaked roof. Steel and cast iron base will support average antenna on a mast up to 10-feet, up to 1 1/2" diam. No guy wires needed. All-weather finish. Shpg. wt., 5 lbs. Net 2.47

(C) BANTAM TV TOWERS
New Bantam TV towers designed for convenient mounting on all peak or flat roof tops. Eliminates cumbersome guy wires. Antenna tower is self supporting. Hot-dip galvanized steel tubing insures strength and corrosion-proof service. Provided with special, hardened, screw nails for strong and rigid fastening. Positive, leak-proof installation is achieved by the sealing compound permanently affixed to the adjustable feet. Completely pre-assembled. Less mast.
7 Foot Installation. Use with 1 1/4" O.D. x 5" mast. Net 4.20
TL-64WX Wt., 5 1/2 lbs. Net 4.20
9 Foot Installation use with 1 1/4" O.D. x 5" mast For 13 Foot Installation: use with 1 1/4" O.D. x 10" mast. Net 5.85
TL-65WX Wt., 7 lbs. Net 5.85

(D) TV ANTENNA MASTS
STEEL MASTS. New corrosion-resistant 5 ft. steel mast made to fit all antennas. One end is tapered. "Jam Fit" construction with locking key. 1 1/4" O.D.
TL-12W 5 ft. Wt., 2 1/2 lbs. .69
TL-13WX 10 ft. Wt., 4 1/2 lbs. 1.29
TL-14WX 10 ft., 16 gauge. Wt., 8 lbs. 1.89

ALUMINUM MASTS. 19 gauge-heavy wall-high tensile strength. Rust and corrosion proof. Swaged for stacking.
TL-66W 5 ft. Wt., 1 1/2 lbs. .89
TL-17WX 10 ft. Wt., 2 1/2 lbs. 1.69
10 Ft. Mast shipped via express only.

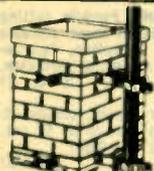
POPULAR PRICED TV ACCESSORIES

SOUTH RIVER SUPER MOUNT

A super-heavy pair of chimney mounts made of aluminum alloy. Extra strong and durable. Will withstand the most severe weather conditions. Two 12 ft. stainless steel straps and stainless steel seals. Six aluminum corner brackets to protect chimney bricks. The most ideal and permanent installation for those who want quality and durability. Will hold masts up to 2" O.D. Shpg. wt., 5 lbs.



Each 5.20
Lots of 3 Each 4.68



ECONOMY MOUNT 99¢

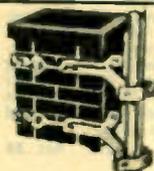
Can be erected in minutes; without special tools or drilling. Adjustable, two-section design permits unlimited spacing between brackets for maximum support of masts 1/2" to 1 1/2" O.D. Complete with two 12-ft. lengths of 3/4" galvanized steel bands and hardware. Shpg. wt., 3 lbs.

TS-82 Net Each .99

ALL STAINLESS STEEL CHIMNEY MOUNT

Made entirely of stainless steel! The mount — straps — clips — rivets — screws — nuts — every piece is stainless steel. Everlasting — rust proof — non corrosive. Will take masts from 3/8" to 1 1/2" O.D. Never needs replacing — do it once and forget it! Complete with 2—12 ft. stainless steel straps and all hardware. Shpg. wt., 4 lbs.

Net 4.73
Lots of 3 Each 4.13

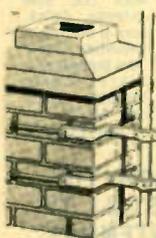


NO RUST BARGAIN MOUNT

Singly Each 1.98

The ideal chimney mount for life-long satisfactory service under the most severe conditions. Hot dip galvanized steel "Y" mount. Two 10 ft. stainless steel straps and stainless steel seals. And at Lafayette's bargain prices. Shpg. wt., 4 lbs.

TS-90 Net Each 1.98
Lots of 3 Each 1.80



STRAPLESS CHIMNEY MOUNT

Can be installed in seconds with hammer and wrench on brick, stone or cement block chimneys of any size, or on the corner of almost any building. Mount is capable of up to 1500 lbs. clamping pressure and cannot rust away. Shpg. wt., 2 lbs.

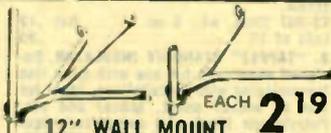
TS-351 Net 1.25

125

RATCHET TYPE CHIMNEY MOUNT

Designed for easy, rapid installation. Simply pull the banding around the chimney, thread the single loose end through the slotted shaft and tighten the ratchet. Ideally suited for cold weather installations. Constructed of heavy-gauge steel and embossed for extra strength. Zinc plated, with a gold Iridite finish for rust protection. Special serrated "U" bolts prevent mast from turning. Two 12-ft. lengths of galvanized banding.

TS-357 Shpg. wt., 5 lbs. Net 2.59

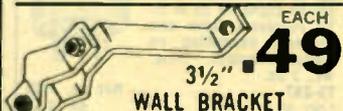


EACH 2.19
12" WALL MOUNT

Completely constructed of steel, using extra heavy gauge steel tubing which will not bend. Protected against corrosion by the ALCOATE finish. Special "sure grip" U-bolts. Holds mast up to 1 1/2" O.D. Tripod leg for one section. Shpg. wt., 3 lbs.

TS-250 Singly Each 2.19

ADJUSTABLE 18" WALL MOUNT
TS-88 Net Each 3.37
Lots of 3 Each 3.06



EACH .49
3 1/2" WALL BRACKET

One of the most popular and practical antenna mounts. Securely grips all masts from 1" to 1 1/2" O.D. Made of rust resistant steel. Supplied with hardware. Shpg. wt., 2 lbs.

MS-13 Singly ea. .49
Lots of 6 ea. .39



6" ALUMINUM WALL BRACKET

Heavy gauge aluminum. Carriage bolts throughout. Full thread hex head lag screws. Masts just "snap-in" for easy handling. Tripod legs. Shpg. wt., 3 lbs.

TS-156 Per Pair 1.62

3 1/2" ALUMINUM BRACKET
Similar to above. Takes masts up to 1 1/2". Shpg. wt., 1 lb.

TS-288 Net each 1.15
Lots of 3, each 1.05



PEAK ROOF MOUNT 1.10

A heavy gauge steel peak roof mount. Heavily plated to resist corrosion. Will accommodate mast, up to 2" in diameter. Fully adjustable can be easily rotated. Complete with all necessary hardware. Shpg. wt., 5 lbs.

TS-41 Net 1.10



STAINLESS STEEL STRAP KIT 1.49

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, lockwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt., 2 lbs.

TS-53 Net each 1.49
Lots of 3 each 1.34



4" SNAP-IN VENT PIPE MOUNT 1.23

Mast snaps into bracket. Snap in feature eliminates holding of mast while applying hardware. Single front locking carriage bolt for easy one hand tightening. Sturdier, mast held close to vent pipe. Heavy gauge steel—bright zinc finish. Shpg. wt., 2 lbs.

TS-289 Net Each 1.23



UHF-VHF LIGHTNING ARRESTER

Special saw-tooth washers grip transmission line securely without stripping or cutting wire. Designed for flat, tubular, oval or open types. Constructed of low-loss material that assures less capacity and inductance, resulting in less line loading on UHF. With mounting screw and steel strap U L approved. Shpg. wt., 10 oz.

TS-11 Each .35
Singly Lots of 10, Each .29



JFO "LITTLE GIANT" TWIN LEAD LIGHTNING ARRESTER

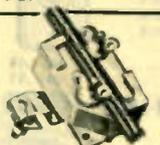
For Regular or Oval Jumbo Twin Lead. Underwriters Laboratories Approved. No wire stripping or spreading of line necessary. Small size permits easy mounting anywhere — inside or outside. Complete with ground lug and screws for wall or window sill mounting. Special high dielectric, flame-retarding plastic construction does not vary line impedance. Insures maximum signal transfer. TS-58 Singly Shpg. wt., 9 oz. Each .73
Lots of 6 Each .66



UHF-VHF JFO AT103 LIGHTNING ARRESTER

AT103. For tubular and oval Jumbo twin-lead. Underwriters Laboratories Approved. Waterproof porcelain with 4" aluminum ground wire and stainless steel strap. Shpg. wt., 9 oz.

TS-27 Net 1.32



JFO 3-IN-1 LIGHTNING ARRESTER UHF VHF

3 ways better! Special compensating coils for maximum signal transmission—exclusive strain-relief lips — mounts on mast, wall or window sill. Discharges antenna and lead-in static. Nickel-plated brass hardware never corrodes. AT1105 has stainless steel strap. 9 oz.

TS-16 Screw Type Net .88
TS-17 for pipe mounting Net 1.03



4-WIRE ARRESTER

Chisel point contact eliminates stripping, tightening wing nut completes installation. Low-loss polystyrene case. Also usable with standard TV-FM ribbon. Shpg. wt., 1 lb.

TS-59 Singly Each .88
Lots of 6 Each .79



AMPHINOL UNIVERSAL ARRESTERS

Takes flat, tubular or open wire line. For UHF, VHF or FM. Guards both the set and the signal. Lowest measurable loss—only 1/2 db at 825 MC. Shpg. wt., 6 oz.

CM-187 Net .79



RCA LIGHTNING ARRESTER

Especially designed for the protection of TV and FM receivers. Attaches to the 300-ohm twin lead without cutting or stripping. Easily mounted on any mast or pipe from 1/2" to 2" diameter. Shpg. wt., 5 oz.

TS-335 Net .65
TS-336 Screw Type Net .73

ANTENNA MATCHING "BALUN" COILS

Automatically match antenna to input circuit impedance. Impedance ratio 4:1 — replacement for RCA, Philco, Motorola, etc. Used to construct the finest set couplers and matching transformers. Set of 2 complete with instructions. Shpg. wt., 6 oz.

TS-269 Net per pair .86

SIGNAL ATTENUATOR

May be used with all TV sets troubled with excessive signal. Eliminates poor sync, multiple images, buzz, beats in picture, etc., when caused by signal overload. Produces 1000 to 1 change in signal reaching set. Reduces most cross-modulation effects. Adjustable for all signal areas. Simple to mount—simple to install. Shpg. wt., 8 oz.

TS-218 Singly, each 1.94
Net each in lots of 3 1.75



CRL TV ATTENUATOR

Permits proper attenuation required for best TV reception through use of H pads. Eliminates tearing of image due to nearby, high-powered stations. Six switching positions from regular antenna to 60 db loss. Complete with knob, leads, dial plate, container. Shpg. wt., 1 lb.

VO-296 Net 5.88

HORIZONTAL BAR GENERATOR

Provides Horizontal Lines On Any T.V. Set—Quick—Accurate Alignment



Generates a series of equally spaced horizontal lines to indicate picture linearity. Simplifies precise setting of yoke. Makes possible accurate positioning of focus coil or magnet. Quick adjustment of vertical linearity, height and centering. No bulky, expensive equipment needed. Plugs onto picture tube. Completely self-contained.

TS-129 Shpg. wt., 8 oz. Net 1.12

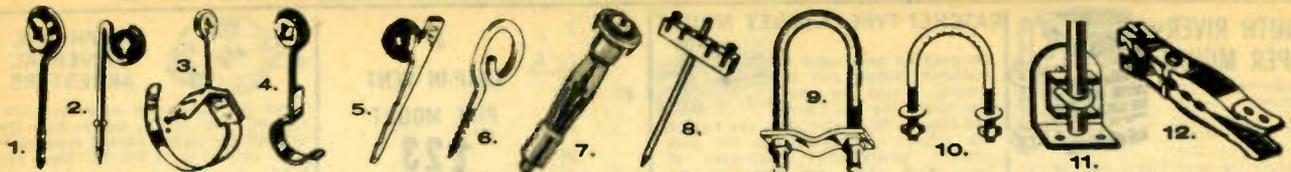


MILLER ADJUSTABLE ION TRAP

Adjustable between 32 and 55 gauss. Takes the place of most single-magnet ion traps in use. Thumb-screw adjustment permits selection of any strength within its range. Reduces serviceman's inventory. Permits easy replacement where original value is unknown or incorrect. Shpg. wt., 8 oz.

CO-71 Net .73

TV INSTALLATION ACCESSORIES



NEW UNIVERSAL STANDOFF INSULATORS

Latest polyethylene insert will accommodate twin-lead, open line, hollow and tubular lines, round lines, oval lines, double lines, etc.

- 1. SCREW-EYE STANDOFF.** First choice for fast secure anchoring. Av. shpg. wt., 10 oz. (5/pkg.).
- TI-10 3 1/2" 5 for .13
 - TI-11 5" 5 for .20
 - TI-12 7 1/2" 5 for .24
- 2. DRIVE-IN STANDOFF.** Made of galvanized steel. Av. shpg. wt., 5 oz. (5/pkg.).
- TI-20 3 1/2" 5 for .17

3. ADJUSTABLE STRAP-TYPE STANDOFF. Fits any size mast. Av. shpg. wt., 10 oz.

- TI-16 3 1/2" 3 for .24
 - TI-17 7 1/2" 3 for .28
 - TI-25 Stainless Steel, 3 1/2" 3 for .25
- 4. "CLICK-ON" STANDOFF.** Attach to mast instantly—"Click" and they're on. 3 1/2" long. Av. shpg. wt., 6 oz. (3/pkg.).
- TI-22 For 1 1/4" mast 3 for .16

5. SUPER NAIL INSULATOR. Takes flat twin-lead or coaxial cables. Easily drives in brick, mortar, wood and even most concrete. Secure connection. Av. shpg. wt., 4 oz. (5/pkg.).

- TS-36 3 3/4" long 5 for .33

6. GUY WIRE HOOK EYE. Strong and permanent anchoring. Made of galvanized steel.

- TS-71 10 oz. (5/pkg.) 5 for .20
- 7. HOLLOW WALL SCREW ANCHORS** 2 1/2" long 3/8" body. 7/8" sleeve. With 10-24 screw.
- TS-207 Shpg. wt., 6 oz. Net .12
 - Lots of 1095

8. "TAPPEE" STANDOFF INSULATOR. Designed especially for use with open line transmission wire installations. Ideal for use as anchor point, spacer and etc. Polystyrene block and galvanized steel hardware. Av. shpg. wt., 5 oz.

- TS-291 5" wood screw 5 for .55
- TS-292 7 1/2" wood screw 5 for .60
- TS-293 5" strap type 3 for .39
- TS-294 7 1/2" strap type 3 for .41

9. MAST CLAMP. Notched retaining clamp holds 2 masts firmly in sturdy U-bolt. Galvanized steel. Wt., 4 oz. (2/pkg.).

- TS-96 2 for .34

10. U-BOLT. Made of galvanized steel. Supplied with nuts and washers in place.

- TS-70 4 oz. (2/pkg.) 2 for .12

11. ALL-ANGLE MOUNT. Permits setting of 1/2 to 1 1/4" masts at most suitable angle for maximum reception. Rust-resistant steel. With mounting hardware.

- TS-83 8 oz. (3/pkg.) .31 ea. 3 for .81

12. QUICK CLIP. For speedy, simple attachment of antenna lead-in to TV set. Can't short out. Shpg. wt., 2 oz.

- TS-10 ea. .07

BIG SAVINGS SCREW-EYE INSULATORS

3/4" wood-screw type with genuine polyethylene universal inserts for TV line. Shpg. wt., 1 1/2 lb.

- TI-41 Box of 5098
- Box of 500. Shpg. wt., 15 lb. 1.50
- TI-40 7.50



OUTDOOR DUPLEX PLATE

- Weatherproofs any duplex receptacle



For outdoor outlets and switches. Shields against rain, snow, ice, dirt and moisture. Individual "snap" covers. Lock in open position—"snap" shut—seal tight. Rust proof brass plate with aluminum finish, rubber gasket and rubber "undercoat" mat. Stainless steel hinge springs. Shpg. wt., 8 oz.

- EL-102 Net 1.42

"CHEATER" EXTENSION

A 6 ft. extension for RCA, Philco, G.E., Admiral and other Interlock type sets. Handy for service kit and work bench.

- TS-107 Shpg. wt., 10 oz. Net .35

INTERLOCK LINE CORD



INTERLOCK LINE CORO-A

Replacement cord for RCA, Philco, GE, Admiral, and others. It has regular molded plug on one end and special rubber plug on the other to fit TV sets. Underwriter's Laboratories approved. A very handy thing to have in your service kit or on the workbench. Shpg. wt., 1 lb.

- TS-105 6 ft. brown cord25

INTERLOCK LINE SOCKET-B

Conventional male interlock socket. Standard type used on all television receivers. Heavily plated contact pins. 1 1/4" mounting centers. Shpg. wt., 6 oz.

- TS-10609

DELUXE TV SERVICE LITE

Keep your hands free. Spring clamp with rubber covered ends attaches anywhere in T.V. cabinet. 4 1/4" highly polished aluminum reflector uses standard 25 watt bulb. Complete with 6 ft. cord and plug, less bulb. Shpg. wt., 1 1/2 lbs.

- MS-63 Net 1.59

DUPLEX TV RECEPTACLE & WALL PLATE

Neat, convenient, efficient installation. Use for 2 TV sets or TV and FM. Fits standard outlet box. Ivory only. Shpg. wt., 4 ozs.

- TS-249 Net 1.16
- Molded 2 contact plug for 300 ohm lead. TS-247 Net .18

ROTOR COMBINATION PLATE. Similar to above except one outlet for 4 conductor rotor lead and one for antenna lead. Ivory only. Shpg. wt., 4 ozs.

- TS-295 Net 1.26
- Molded 4 contact plug for rotor lead. TS-296 Net .34

AC-TV RECEPTACLE AND WALL PLATE

Duplex AC receptacle and duplex TV receptacle on one 2 gang wall plate. Puts both outlets in one location. Use with standard wall box. Ivory only. Shpg. wt., 6 ozs.

- TS-246 Net 1.39

MULTI-TV SOCKET

Compact 300 ohm, low-loss socket for all applications. Constant impedance termination. Mounts on any surface. High impact polystyrene. Solderless. Ivory only. Shpg. wt., 2 oz.

- TS-298 Net ea. .46
- Lots of 3 ea. .41

UNIVERSAL TWIN-LEAD CONNECTORS

The plug with one thousand uses. Fits all transmission line sockets as well as 1/2" crystal holder and octal tube sockets. Solderless. Shpg. wt., 2 oz.

- TS-329 Net ea. .16
- In lots of 5, .14
- Solderless socket for above. Shpg. wt., 2 oz. Net ea. .18
- TS-330 Net ea. in lots of 5, .14

MOSLEY ANTENNA CONNECTOR

For quick, solderless connection of lead-in to TV antenna terminal. Fits TS-101 socket. Low-loss polystyrene and non-ferrous metal. Standard 1/2" spacing. Shpg. wt., 2 oz.

- TS-3518

TV MAGI-PLUG

Ideal for hotels, motels, homes and all multi-set installations. This new plug contains an isolator circuit that can supply TV signal to 25 or 50 TV receivers from one antenna, depending on signal strength. Shpg. wt., 2 oz.

- TS-297 Net ea. 1.28
- Lots of 3 ea. 1.13

TWIN LEAD SPLICE

Speeds splicing without need for twisting or soldering.

- TS-104 Wt., 2 oz.11 ea. 10 for .99

BAKELITE KNIFE SWITCH

Quantity limited. Excellent for TV antenna switching. Heavy metal parts mounted on bakelite base. Double pole, double throw. Shpg. wt., 4 oz.

- SW-2419

WINDOW FEED-THRU • NO DRILLING

At last a feed-thru that passes your TV signal without drilling, breaking or digging and without signal loss. Just use adhesive supplied to attach units one to each side of window pane and attach your wires. Quick, easy and effective. Shpg. wt., 6 oz.

- TS-155 per set58

UNIVERSAL BUSHING

Fits all types of coaxial or twin-lead wires. Fits walls up to 1 1/4" thick. Requires 3/4" hole.

- TS-22 Shpg. wt., 1 lb. Net ea. .85



Net ea. 1.28
ea. 1.13



10 for 1.75



ALL PURPOSE ANCHOR KITS

Permanent—rustproof installations. Anchors of noncorroding Territe Buterate and pulverized aluminum. Ideal for use indoors or outdoors. Hang shelves—blinds—awnings—mirrors—fixtures—fasten key board to walls—signs—pipe straps—Use in concrete—tile—plaster board—brick. Complete kit includes 36 expansion shield anchors and 36 assorted screws, #6 to #10. Shpg. wt., 6 oz.

- TS-341 Net .74

Heavy Duty Kit. Contain 22 expansion shield anchors and 22 assorted screws, #10 to #14. Shpg. wt., 8 oz.

- TS-342 Net .74

TRIO NO STRIP CONNECTOR SAFEST—MOST POSITIVE—LEAD IN CONNECTOR

No stripping—no exposed wire—no soldering—no broken leads at the set. Your TV set unplugs with ease—in electrical storms—for moving and cleaning—to add accessories. Safe, positive installation. Stronger than the lead in wire. Fast—easy—just insert the lead in—tighten a single knob.

- TS-339 Shpg. wt., 2 oz. Net .59

JFD MATCHING TRANSFORMER

Matches any 72 ohm TV set to any 300 ohm antenna. Permits use of noise free 72 ohm coax line with 300 ohm antenna. Quick, sure U-bolt mast mounting. Transfers highest possible signal strength. Shpg. wt., 1/2 lb.

- TS-236 Net Ea. 2.06

HOW TO INSTALL TV ANTENNAS

This book describes in simple layman's language, how to install an antenna and the various factors involved. It also tells how to repair TV antennas. No technical knowledge required. 32 pages.

- BK-1519 Net .50

BIG VALUES IN TV ACCESSORIES

FUSIBLE RESISTORS



Replacements for Motorola, Crosley, Emerson, Raytheon, Philco, Hoffman, Halcrafters, Trutone, Sears, Montgomery Ward, Sentinel, Arvin and many others. Shpg. wt., 5 oz.

| | | |
|-------------------------------|----------|----------|
| TS-253—Kit of 4. | 5.6 Ohms | |
| TS-254—Kit of 4. | 7.5 Ohms | Net |
| TS-255—Kit of 4. | 9.0 Ohms | .76 |
| TS-256—Kit of 4. | 22 Ohms | Each KIT |
| TS-322—Kit of 4. | 4.7 Ohms | |
| TS-323—Kit 1 each of 5 values | | Net .95 |



2 MEG. 2 WATT 1% H.F. RESISTOR
Popular replacement in H.F. circuit of almost all TV sets. Shpg. wt., 2 oz.
TS-145 Net .35

NEW REPLACEMENT CHEMICAL FUSES



Used in primary and high voltage circuits, these fuses protect against injurious overloads but pass instantaneous surges of up to 5 times the normal current. Can be used in damper circuits to prevent failures due to tube "flash overs." Shpg. wt., 3 oz.

Replacement for RCA Part 945392-1 Stock No. 109079; Emerson 808232; Olympic FU28146 (Color Code—BLACK)
TS-348 Net .44

Replacement for RCA Part 945932-2 Stock No. 109588 (Color Code—BLUE)
TS-349 Net .44

Replacement for RCA Part 945932-3 Stock No. 109860 (Color Code—RED)
TS-350 Net .35

EXACT REPLACEMENT SHAFTS

FIT EVERY TV SET MADE
Extends and insulates all standard control shafts. Fits half round—flatted—spined—split and full round shafts. 21 internal ribs hold any shaft securely. 19" length is easily cut to any size required. Puts the shaft where you can get at it. Shpg. wt., 2 oz.
TS-340 Net .36
Lots of 3, ea. .32

CENTERING DEVICE

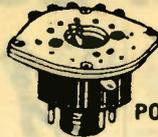
Replace the yoke Cap in the TV Set
The Centering Device is a mechanical means of centering the picture on any TV set. Compact in size, centering is simplified by convenient tabs — easy to hold and rotate. Made to replace the yoke cap, the centering device becomes an integral part of the receiver. Shpg. wt., 4 oz.
TS-361 For 90° Sets Net .50
TS-362 For 110° Sets Net .88

COLOR GUN KILLER

Operates Red, Green or Blue Guns individually or in combinations to Make Purity Adjustments
Enables each gun of the three-gun kinescope to be operated singly or in combination. Avoids cutting or disconnecting leads to make color purity adjustments
Shpg. wt., 8 oz.
TS-301 Net 3.18

COLOR KINE ADAPTER

TEST COLOR PICTURE TUBES ON BLACK AND WHITE TUBE TESTERS
Enables each gun of a three-gun color picture tube to be individually tested on tube testers designed for black and white picture tubes. Shpg. wt., 8 oz.
TS-302 Net 2.63



PICTURE TUBE TEST POINT ADAPTER

Ideal for taking measurements of voltage resistance and video from the base of the picture tube. Just insert between CR tube base and socket. All connections readily accessible. Saves time and increases servicing efficiency. Shpg. wt., 8 oz.
MS-43 Net .94



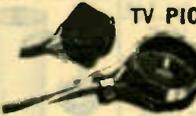
EBY TEST POINT ADAPTERS

Designed to fit any type of miniature 7, 9 and the standard octal socket. The contact tabs are long enough for connections with test probe or alligator clip. Ideal for in-circuit measurements from top of equipment.
Shpg. wt., 8 oz.
MS-23—For 7 pin miniature Net ea. 1.32
MS-24—For 8 pin octal type socket Net ea. 1.29
MS-25—For 9 pin noval type socket Net ea. 1.47



TEST POINT ADAPTER FOR 110° AND COLOR PICTURE TUBES

For Sylvania type 110° tubes. Ideal for incircuit voltage and current tests.
MS-464 Net 1.91
For RCA type 110° tube. Ideal for incircuit voltage and current tests.
MS-465 Net 2.32
For color cathode ray tubes. Test tubes in the circuit under actual operating conditions.
TS-360 Net 5.88
Shpg. wt., 8 oz.



TV PICTURE TUBE SOCKETS

MOLDED: New all molded duo-decal socket for std. CRT's. Complete with back plate, contacts, hardware. Less leads
TS-270—Shpg. wt., 6 oz. Net .18
LAMINATED: Duo-decal TV socket with plastic cover. Pins 1, 2, 10, 11 and 12 wired. 18" leads.
TS-271—Shpg. wt., 8 oz. Net .41
Same as above wired for electrostatic and magnetic tubes.
TS-272—Shpg. wt., 8 oz. Net .47
110° SYLVANIA CRT SOCKET. Wired for easy replacement, with 18 inch leads.
TS-306—Shpg. wt., 6 oz. Net .59
110° RCA CRT SOCKET. Wired for easy replacement, with 18 inch leads.
TS-305—Shpg. wt., 6 oz. Net .59



NEW! 110° CRT EXTENSION LEADS

110° CRT extension leads for general service work. 3 ft. lead with 110° socket and 110° base. Shpg. wt., 1 lb.
TS-285—SYLVANIA TYPE Extension Lead Net 1.32
TS-286—RCA TYPE Extension Lead Net 1.32

110° CRT SOCKET ADAPTER

Permits the testing of the 110° CRT on all existing tube checkers, overall length 3 ft. Shpg. wt., 1 lb.
TS-307—Sylvania Type Net 1.47
TS-308—RCA Type Net 1.47



UNIVERSAL TV & CRT EXTENSION CORD

Permits testing of picture tube outside of chassis. Fits any duodecal based tube. 5 color coded leads. 36" long Male and Female bakelite sections with full socket and 6 leads for electrostatic as well as magnetic tubes.
TS-130—Shpg. wt., 1 lb. Net 1.26



UNIVERSAL YOKE EXTENSION HARNESS

Used in conjunction with the tube harness and the anode harness to facilitate servicing. Provides extension from yoke and coil Assembly to chassis. For any make or model using octal plug and sockets as extension. Shpg. wt., 8 oz.
TS-137 Net 1.32

ANODE EXTENSION

For connecting picture tube while outside of set when testing. 30" long for glass tubes. Shpg. wt., 3 oz.
TS-46 Net.79



TV SECOND ANODE CONNECTOR

For TV picture tubes. Silver plated snap button. 1 1/2" diameter rubber protected cap. Supplied with 12" wire leads. Shpg. wt., 3 oz.
TS-47 Lots of 6, ea. .26
Singly, each .29



TUBE TESTER CRT ADAPTER

Convert any tube tester into a CRT tester. No need to remove tube from cabinet. Tests any picture tube for shorts, emission. 48" lead. Shpg. wt., 12 oz.
TS-158 Net 3.38



UNIVERSAL TV TESTING KIT

Makes possible testing sets with picture tube electrically connected in circuit, but removed from chassis. Reduces danger of contact with high voltage terminals and tube breakage. Consists of anode extension harness, tube socket extension harness and sturdy plastic carrying case. CRT extension is for both electrostatic and electromagnet tubes.
TS-141 Shpg. wt., 2 lbs. Net 3.18



TUNER CLEANER

- Injector Type
- Cleans & Lubricates
- Eliminates Noise
- Long Lasting Protection

New, wax-free lubricant Contains no carbon tet Non-toxic, non-inflammable. Hypo-style Injector needle prevents drift and drip. Retards Corrosion—keeps tuners cleaner longer. Easily reaches hard-to-get at spots. Does not affect electrical properties—harmless to insulation and soldered joints. Easy-to-use—long lasting. Shpg. wt., 12 oz.
TS-324 Net .90

TUNER LUBRICANT

A new, detergent-action lubricant with silicone oil added. Re-cleans and re-lubricates with each rotation of tuner or control. Easy to use, just apply, and rotate shaft. With free injector. Shpg. wt., 12 oz.
Net 1.19



JFD ANTENNA COUPLERS

Join any combination of VHF, or VHF-UHF antennas to use one transmission line. Stable circuits separate all channels, automatically and assure almost 100% signal transfer. Highest isolation between separate inputs eliminates interaction. Weatherproof. Complete with mast clamp. Shpg. wt., 1 lb.

| | | |
|-------------------------------|--------------------|------|
| Stock No. | To Couple Antennas | Net |
| TS-159—VHF(2-6) and VHF(7-13) | | 2.32 |
| TS-160—VHF(2-13), UHF(14-83) | | 2.45 |

JFD OUTDOOR SET COUPLERS

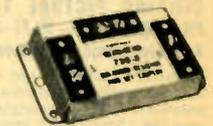
- NO MESSY INDOOR WIRING
- NO LONG "LOSSY" LEADS



New outdoor set couplers — encapsulated in col-plast for maximum weather proofing. Minimum Insertion loss due to network of bifilar coils. Optimum isolation and impedance match between sets. All elements sealed in air tight case mounted in a butyrate housing. Shpg. wt., 1/2 lb.

| | | | |
|--------------|-------|---------|------|
| TS-232 AC-40 | 2 set | 300 ohm | 2.40 |
| TS-233 AC-60 | 3 set | 300 ohm | 2.70 |
| TS-234 AC-70 | 4 set | 300 ohm | 3.09 |

3-SET TELEVISION COUPLER



Divides television signal from one antenna equally to feed three separate receivers. Eliminates the need for a separate antenna for the second or third television set. Simple installation is effected using only a screwdriver. Long trouble free performance is assured by using special coil forms and wide spacing of all wiring connections. Isolation between set terminals is in excess of 30 db. Shpg. wt., 8 oz.

TS-345 Net 1.82
2-Set Coupler. Features the same quality engineering, however, designed for use with one antenna and 2 sets. Shpg. wt., 8 oz.
TS-344 Net 1.71

RCA 240A1 TV SET COUPLER

Operates two or more sets from a single antenna. Easy to install — self-contained wood screw. There's no need to cut or splice the lead because connections are automatically made when the screw caps are tightened. Shpg. wt., 8 oz.
TS-334 Net 1.15



WIZARD 300 MASTER COUPLER



IDEAL FOR UNLIMITED SET COUPLING
Provides for the coupling of any number of TV (color or black and white) and FM sets to one antenna line. The first set is connected directly to the line, and each additional set is connected through a separate WIZARD 300, without the need for an amplifier or booster. Shpg. wt., 3 oz.
TS-347 Net 1.15
In lots of 3 Net ea. 1.03

TV ACCESSORY SPECIALS



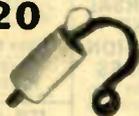
UNIVERSAL TV TUBE

1.29 "BRITENER"
In lots of 6

Restores brightness to dim TV picture tubes. Operates on all types—magnetic or electrostatic—and in all circuits—parallel or series. Shpg. wt., 10 oz. Ea. TS-170 In lots of 6 each 1.29
Singly each 1.39

UNIVERSAL 110° CRT REJUVENATOR

2.20



A single heavy-duty unit which performs four ways. A simple adjustment adapts it for either series or parallel wired filaments and it can be used on electromagnetic or electrostatic focus tubes. Shpg. wt., 1 lb. TS-283 For Sylvania Type 110° Tubes Net 2.20
TS-284 For RCA Type 110° Tubes Net 2.20

COLOR TUBE "BRITENER"

EXTEND THE USEFUL LIFE OF ALL THREE-GUN COLOR TUBES
5.73



Single-purpose autotransformer britener. Provides increased filament voltage to boost electron emission and return full contrast and color quality. Shpg. wt., 1 lb. TS-299 Net 5.73

WUERTH TUBE SAVER

LENGTHENS TUBE LIFE - INCLUDING PICTURE TUBE! PROTECTS T.V. - HI-FI - P.A.

Any Electronic Equipment Up to 450 Watts!

Protects components and tubes from destructive initial surge currents by "Thermal Cushion Action." Completely automatic. No complicated installation needed, just plug the "Tube Saver" into the wall, and appliances into it. Protects T.V. - Hi Fi Home equipment, etc. RATED: 300 watts, 110-120V AC/DC. Measures only 2 1/2 x 1 3/4". Shpg. wt., 8 oz. TS-315 (Type 150) Net 2.91
Same as above except for electronic equipment drawing up to 450 watts. Suitable for color television. Shpg. wt., 8 oz. TS-316 Net 3.50



WUERTH SURGISTOR COMBINES FUNCTIONS OF RESISTOR and RELAY

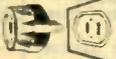
A Surgistor is connected directly into the power line circuit of any electrical device. Its function is to limit the inrush current until the tube heaters are warmed sufficiently to accept the full voltage without damage. Starting resistance 100 ohms, circuit resistance 0.2 ohms. Power range 320 watts maximum. Self mounting. Shpg. wt., 6 oz. TS-317 (4100-2) Net ea. .95
In lots of 10, Net ea. .85

FOR COLOR TV

Same as above, but for Color TV., handles up to 400 watts, 117 volts AC-DC. TS-318 (8050-4) Net 1.09

TV TUBE GUARD

• ADDS LIFE TO RADIO AND TV TUBES
.83



The "Tube Guard" will pay for itself many times over by greatly reducing costly vacuum tube replacements. The Tube Guard checks surge of current, reduces filament damages and increases tube life. Just plug "Tube Guard" into outlet, and appliance into it. Shpg. wt., 8 oz. TS-319 Net .83

LIGHT AND TELEVISION CLOCK

Placed on top of TV cabinet the #700 Lite Clock provides proper amount of background light for tele-viewing. Accurate, rotating numeral type clock. Walnut finish plastic case. For 110V 60 cycle AC only. Size, 5x5 1/2 x 3 3/4". Shpg. wt., 2 1/2 lbs. ML-11 incl. excise tax 8.14



TWO SET COUPLER

.39 In lots of 3



Uses one antenna for two sets. Compact electronic set coupler assures performance of two TV sets on one installation. Easy to connect. Nothing to go wrong. Shpg. wt., 1 lb. Imported TS-326 Each .43
In lots of 3, Each .39



TRI-SET COUPLER
2.29

Highly efficient 3 set coupler. For coupling 2 or 3 TV or FM sets to one antenna of any type. No interaction—less than 6 db insertion loss. 40 to 50 db rejection ratio. Shpg. wt., 1 lb. Imported TS-332 Net 2.29

UNIVERSAL TV-FM PLUG & SOCKET .35



Compact-low loss—300 ohm plug and socket. Surface mounting socket—low loss polystyrene plug. Solderless screw terminals. Includes hardware and instructions. Shpg. wt., 2 oz. Imported TS-328 Plug & Socket Net .35

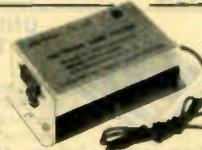
TV-FM HI-PASS FILTER



• Eliminates Interference in FM-TV antenna circuits

2.39

Hi-pass filter passes all frequencies above 40 mc. Rejects all frequencies below 40 mc. Automatically eliminates electrical disturbances in the antenna circuit. Clears disturbances caused by neon, X-Ray, ignition, appliances diathermy, short wave, etc. Shpg. wt., 1 lb. Imported TS-331 Net 2.39



LO-PASS LINE FILTER

• Dual Ferrite Core Coils

2.49

Exceptionally efficient line noise eliminator. Utilizing dual ferrite core coils, heavily wound. Eliminates line noises caused by motors, industrial RF, neons, appliances, etc. Particularly useful on TV and FM sets, radios, tuners, record players. Automatic attenuation of unwanted disturbances. Shpg. wt., 1 1/4 lbs. Imported TS-327 Line Filter Net 2.49

JFD INTERFERENCE ELIMINATOR

2.65



Gets rid of all interference below 50 megs - ham diathermy - industrial - etc. No effect on signal strength. No ground needed. Mounts on back of set. For 300 ohm lines. Shpg. wt., 1/2 lb. TS-235 HP-50 Net Ea. 2.65



MILLER HI PASS FILTER

Reduce interference from industrial, commercial and medical equipment. Also "Ham" signals below 40 Mc. No practical attenuation of TV signals above 40 Mc. Simple installation. Connect to TV set antenna terminals. Size 1 1/2 x 1 3/4 x 3 1/2". Shpg. wt., 1/2 lb. TS-321 300 Ohm Line Ea. 3.23

FINE TUNING SHAFT



• For Standard Coil Tuners
Replaces Standard Coil part number 31T-243-180. The most often needed replacement shaft for tuners. Extra long, all aluminum shaft. Full 10" length easily cut to size. Continuous tuning type — no bumper strap to break off. Fits all models. Shpg. wt., 3 ozs. TS-343 Net 1.88

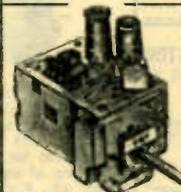
TV PICTURE TUBE SHORT ELIMINATOR



.99

- Burns off Picture Tube shorts
- Lengthens Picture Tube Life

Eliminates expensive picture tube repairs. No elaborate equipment needed. Repairs grid and cathode shorts in two minutes—without pulling the chassis! Easy to use—decontaminates cathodes—restores operation of brightness control. Can be used as often as needed. Simple "plug in, switch-on" operation. Works with any TV picture tube. Shpg. wt., 1/2 lb. TS-282 In lots of 6, each .75 Net .99



STANDARD COIL "GUIDED GRID" TUNERS

- Replacements for over 1500 different tuners.

Latest, neutralized—triode, circuit provides more gain—better signal to noise ratio—overall improved performance. Factory preset IF, adjustable to fit particular set. Replaces virtually all older tuners. Universal shaft—easy cut to needed size. Uses 6ER5 or 2ER5 amplifier tube and 6CG8A or 5CG8 oscillator mixer. Improved shielding and filter circuits. Complete with tubes and instructions. Shpg. wt., 3 lbs. Stock

| No. | Heater | I.F. | Detent | Net |
|--------|-----------------|------|---------|-------|
| TL-119 | Parallel, 6.3V. | 21mc | 13 pos. | 21.07 |
| TL-120 | Parallel, 6.3V. | 41mc | 13 pos. | 21.07 |
| TL-121 | Series, 600ma. | 21mc | 13 Pos. | 21.07 |
| TL-122 | Series, 600ma. | 41mc | 13 Pos. | 21.07 |
| TL-140 | Parallel, 6.3V. | 21mc | 12 Pos. | 21.07 |
| TL-141 | Parallel, 6.3V. | 41mc | 12 Pos. | 21.07 |
| TL-142 | Series, 600ma. | 21mc | 12 Pos. | 21.07 |
| TL-143 | Series, 600ma. | 41mc | 12 Pos. | 21.07 |

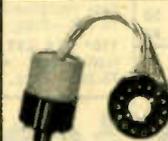
SOUND TAKE-OFF COIL — for older sets which require coil connected to tuner converter plate. Standard Coil No. XM752. Shpg. wt., 2 oz. TS-309 Net 1.28



TV TUBE RESTORER

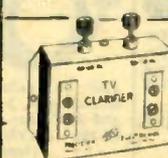
- The Most Versatile "Booster" Made
- 126 Different Combinations
- Corrects Open Cathode—Heater to Cathode Grid—Open Control Grid—Control Grid to Cathode Short—Low Emission

One simple unit provides the cure for most ailing picture tubes. Latest model features slide switches—not pin plugs as older units do. Rugged, well made socket—compact, single unit design. Works on electrostatic or electromagnetic focusing tubes, in series or parallel circuits. Includes instructions. TS-333 Shpg. wt., 1 lb., 4 ozs. Net 3.23
TS-358 For RCA Type 110° Tubes Net 4.88
TS-359 For Sylvania Type 110° Tubes Net 4.88



TV TUBE "BRITENER" .59

You simply attach two plugs as directed on the instructions. For magnetic tubes and PARALLEL CIRCUITS only. Renews brightness contrast. Wt., 8 oz. Ea. MS-12 Net .59



PRECISION CLARIFIER

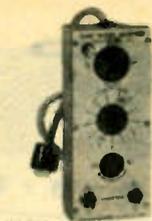
4.41

Easily adjusted to remove any antenna-fed interference causing picture distortion: FM, diathermy, SW ignition, amateur, adjacent channel, etc. Does not attenuate signal. Actually tunes out unwanted signal. Matches any antenna. Metal case, finished in brown enamel. Easily installed. With instructions. Size, 4 1/2 x 4 1/2 x 1 1/2". Shpg. wt., 7 oz. TS-123 Net 4.41

EICO KITS AND WIRED TEST EQUIPMENT EICO



666K



610K



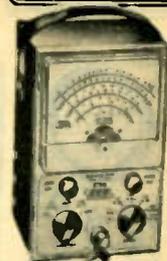
540K



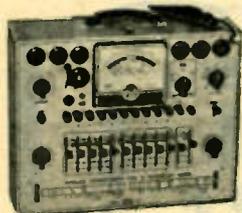
566K



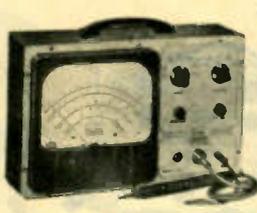
536K



232K



625K



249K



214K



250K



255K



261K

MODEL 666K DYNAMIC CONDUCTANCE TUBE AND TRANSISTOR TESTER

An ideal tube tester for color and monochrome TV servicing. Tests all receiving tubes, including 4, 5, 6, 7-pin, octal, loctal, miniature 7 and 9-pin, sub-miniature, 5, 6, 7-pin (in-line base) and 8-pin (circular base) receiving tubes, transmitting and special-purpose tubes, VR, cold-cathode rectifiers, magic eye and ballast tubes. Tests color and black-and-white TV picture tubes with accessory adaptor. Measures transistor collector current and shows current amplification factor. Individual test of multi-section tubes. Measures Gp, Gm and also leakage in ohms. 4 1/2" 200 μ A D'Arsonval meter movement, in clear lucite case. For 105-130 volts, AC 50/60 cps. 12 x 15 x 4 1/2". Shpg. wt., 18 lbs.

TE-151WX Kit Net 69.95
Model 666. As above, but factory wired and tested.
TE-152WX Net 109.95

MODEL 625K TUBE TESTER

Cathode Conductance type of tube tester features 10 individual level-action switches for testing each tube element. Tests all std. tubes including 9-pin miniature, VR, magic eye and pilot bulbs. Provides knock-out for addition of new socket. Illuminated roll chart gives instant test setting. Provides 2 grid-cap connections. Tests shorts and open elements. Protective over-load bulb also acts as fuse. 4 1/2" meter. All components and instruction manual supplied complete. For 115V 60 cycles. 12 1/2 x 9 1/2 x 4 1/4". Shpg. wt., 12 lbs.

TE-153 Kit Net 34.95
Model 625. As above, but factory wired and tested.
TE-154 Net 49.95
Model L-1 Lid (cover) for 625K or 625. Shpg. wt., 3 lbs.
TE-155 Net 3.98
Model 625CK. Same as 625K but with Counter Display Case. Shpg. wt., 17 lbs.
TE-156 Net 44.95
Model 625C. As above, but factory wired and tested.
TE-157 Net 59.95

NEW! MODEL 610 TUBE TESTER ADAPTER

A tube tester adapter kit to be used with EICO Model 625 and Model 666 Tube Testers. Tests novisters, 5 pin and 7 pin; novars; 10 pin miniature and 12 pin compactrons. Simply plugs into 9-pin socket of tube tester. Roll chart supplements for both the 625 and 666 tube testers are included covering the new tubes listed above. Size: 1 1/4 Hx2 1/2 Wx6" D.

TE-739 610 Kit. Shpg. wt., 1.5 lbs. Net 5.95
TE-740 610 Wired Net 11.95

MODEL CRA PICTURE TUBE ADAPTER

Model CRA. Adapts No. 625 and No. 666 or similar Tube Testers for checking all sizes of TV picture tubes. Measures cathode emission; tests for filament continuity; shorts between elements. Complete with standard 12-pin socket, octal plug-in connector and 4-ft. cable to permit testing tube without removal from set. Shpg. wt., 2 lbs.

TE-160 (Not Illustrated) Net 4.50
TE-175—Same as Model CRA-110 except for 110 deflection TV picture tubes (wired only).
Shpg. wt., 2 lbs. Net 3.95

OTHER EICO TUBE TESTERS

TE-254 612K Filament Tester Net 3.95
TE-255 612 As above, but factory wired Net 5.95
TE-158—630K Cathode Ray Tube Checker Kit Net 13.95
TE-159—630, As above, but Factory Wired Net 18.95

MODEL 232K PEAK-TO-PEAK VACUUM TUBE VOLTMETER

A precision unit with advanced engineering features. 11 M Ω input impedance. 1% precision ceramic multiplier resistors used. Measures directly peak-to-peak voltage 0-4, 14, 42, 140, 420, 1400, 4200. DC/RMS sine volts: 0-1.5, 5, 15, 50, 150, 500, 1500 (up to 30,000 volts with HVP probe, and 250 mc with PRF probe). Ohms: 0.2 ohms to 1000 megs in 7 ranges. Easy calibration. 4 1/2" meter, can't-burn-out circuit. Zero center. With new AC/DC Uni-Probe—half turn to select DC or AC/ohms. Exceptional stability and accuracy. All components and instructions supplied. For operation of 105-125 50/60 cps AC. Size: 8 1/2 x 5 x 5". Shpg. wt., 7 lbs.

TE-176 Kit Net 29.95
Model 232. As above, but factory wired and tested.
TE-177 Net 49.95

MODEL 249K DELUXE P-P VTVM

Same as Model 232 except it uses 7 1/2" meter. 8 1/2 x 13 x 5". Shpg. wt., 9 lbs.

TE-178 Kit Net 39.95
Model 249. As above, but factory wired and tested.
TE-179 Net 59.95

MODEL 250K AC VTVM & AMPLIFIER

A highly sensitive, wide-band AC VTVM & Amplifier for laboratory accuracy and quality. It measures AC voltage from 100 microvolts to 300 volts in 12 ranges. A front panel function selection switch converts the instrument to a wide-band amplifier with a gain of 60 db on the 1 mv range, and a maximum output of 5 volts RMS. The 0-1, 0-3 voltage scales are linear, on decibel scale, 0 db = 1 mw in 600 ohms, with 10 db interval between ranges. Amplifier Freq. response: +0, -3 db BC to 800 KC. 10 meg input impedance on both VTVM and Amplifier. Includes all parts and instructions. 105-125V., 50/60c. 8 1/2 Hx5 3/4 Wx7" D. Shpg. wt., 7 lbs.

TE-256 Kit Net 49.95
Model 250. As above, but factory wired and tested.
TE-257 Net 79.95

MODEL 255 AC VTVM

A precision AC VTVM: Same as model 250 without the amplifier. 105-125 V. AC 50/60C. Shpg. wt., 7 lbs.

TE-258 Kit Net 44.95
TE-259 Wired Net 72.95

MODEL 261K AC VOLT-WATT METER

A quality AC voltmeter and audio wattmeter. It measures AC voltage from 1 millivolt to 1000 volts in 11 ranges, and power from .015 milliwatt to 150 watts in 7 ranges, across standard loads. It can handle up to 80 watts on 8 ohm internal load and may be switched to external loads up to 150 watts. Large wattmeter reads directly in dbm with a 600 ohm load. 105-125 VAC, 60/50C. 8 1/2 Hx5 3/4 Wx7" D. Shpg. wt., 6 lbs.

TE-260 Kit Net 49.95
TE-261 Wired Net 79.95

OTHER EICO VTVM's

TE-180 221K VTVM Kit with 4 1/2" Meter Net 25.95
TE-181 221 As above, but factory wired Net 36.95
TE-182 214K Same as 221 with 7 1/2" Meter Net 34.95
TE-183 214 As above, but factory wired Net 54.95

MODEL 540K UTILITY TESTER

An all-in-one Multi-Range ac/dc voltmeter, ammeter, ohmmeter, wattmeter and leakage checker. Indispensable in home repairs of electrical appliances, and in automotive trouble-shooting of batteries, generators, distributors, etc. 3 1/2" meter, ranges: Volts AC/DC 0-7.5-15-150-300. AC/DC current: 0-15 amps. Ohms 0-100 ohms. Capacitor leakage test. All components and instructions supplied. 3 3/4 x 6 1/2 x 3 1/2". Shpg. wt., 3 lbs.

TE-173 Kit Net 12.95
Model 540. As above, but factory wired and tested.
TE-174 Net 15.95

MODEL 566K MULTIMETER

Large 4 1/2" meter features: AC/DC sensitivity of 1K ohm/v. totals 38 ranges: AC/DC/volts: 0-1-5-10-100-500-5000 AC/DC. Current: 0-1-10 m.a. 0-0.1-1 amps. Ohms: 0-5K-100K-1 meg. DB: -20 to +69 in 6 ranges. All components and instructions supplied. 6 3/4 x 5 1/4 x 3". Shpg. wt., 4 lbs.

TE-165 Kit Net 14.90
Model 566. As above, but factory wired and tested.
TE-166 Net 20.95
Model 556K. Same as 566K but with 1% resistors.
TE-167 Net 16.90
Model 556. As above, but factory wired and tested.
TE-168 Net 23.50

MODEL 536K MULTIMETER

Outstanding value. 3" meter features AC/DC sensitivity of 1K ohm/v. 31 ranges — AC/DC volts: 0-1-5-10-50-100-500-5000. AC/DC current: 0-1-10 ma., 0-0.1-1 amp. Ohms: 0-5K100K-1 meg. DB: -20 to +69 in 6 ranges. All components and instructions supplied. 6 1/2 x 3 3/4 x 2 3/4". Shpg. wt., 2 lbs.

TE-169 Kit Net 12.90
Model 536. As above, but factory wired and tested.
TE-170 Net 16.90
Model 526K. Same as 536, but with 1% resistors.
TE-171 Net 13.90
Model 526. As above, but factory wired and tested.
TE-172 Net 18.90

OTHER EICO MULTIMETERS

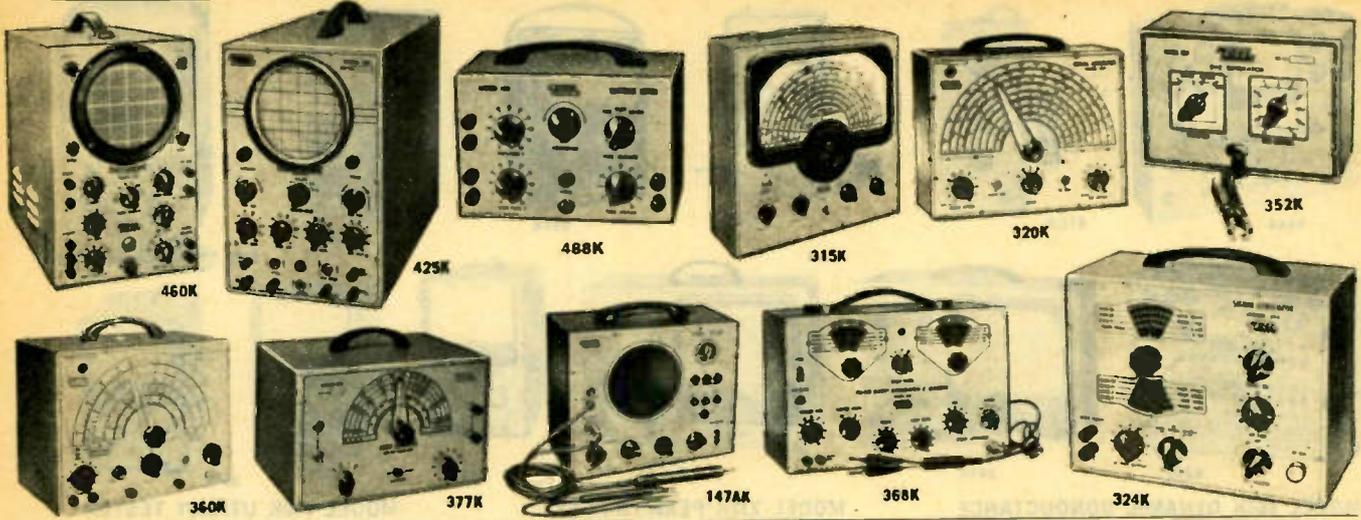
TE-161 565K Multimeter Kit with 4 1/2" Meter Net 24.95
TE-162 565 As above, but factory wired Net 29.95
TE-163 555K Same as 565K, but with 1% Resistors Net 29.95
TE-164 555 As above, but factory wired Net 34.95

VTVM PROBE KITS

For 11 megohm VTVM
TE-184 PTP11K. p-p probe kit Net 4.95
TE-185 PTP11. As above, but factory wired Net 6.95
TE-186 PRF11K. RF probe kit Net 3.95
TE-187 PRF11. As above, but factory wired Net 4.95
For 25 megohm VTVM
TE-188 PTP25K. p-p probe kit Net 4.95
TE-189 PTP25. As above, but factory wired Net 6.95
TE-190 PRF25K. RF probe kit Net 3.95
TE-191 PRF25. As above, but factory wired Net 4.95
HVP2. 740 megohm High Voltage Probe, DC for 221K and 214K VTVM's wired and tested.
TE-192 Net 4.95
HVP2. 1090 megohm High Voltage Probe, wired and tested for 232K and 249K VTVM
TE-268 Net 4.95
Average Shpg. wt. for the above units—1 lb.



KITS AND WIRED TEST EQUIPMENT



MODEL 460K NEW WIDE BAND SCOPE

Excellent Lab precision scope featuring Push-pull direct coupled vertical amplifier with high sensitivity: 25 mv/in. Response flat from 0C to 4.5 mc, useful to 10 MC, ideal for reproduction of 3.58 mc color TV sync, burst, 4 step freq.-compensated attenuator in both AC, DC positions. Also internal voltage calibration. Automatic sync. limiter and amplifier. 2X-full screen horizontal positioning. Sweep-freq: 10 to 100K cps with external capacitor for lo-freq. sweeps. Pre-set TV V & H sweep positions (30 and 7875 cps). Variably lit graphed 5" screen. Very hi-input impedance. Complete with all components and instructions for easy assembly. 13 x 8 1/2 x 16". For 105-125 vac, 50-60 cycles. Shpg. wt., 30 lbs.

- TE-222WX Kit Net 79.95
- Model 460. As above, but factory wired and tested.
- TE-223WX Net 129.50

MODEL 425K 5" OSCILLOSCOPE

New, professional oscilloscope kit, for precise servicing of TV, FM and AM. Push-pull deflection and .05 to .1 Rms volt/inch sensitivity. Response, flat from 5 cps to 500 kc, useful to 2.5 mc. Wide range sweep from 15 to 175,000 cps. External sync input Direct connection to CRT plates. 6.3V line test signal output, 1 meg input impedance. Intensity modulation. Tubes: 3-6SN7, 2-6J5, 2-5Y3, 58P1 CRT. For 110-120V, 60 cycles AC. All components supplied with portable steel case, schematic and pictorial diagrams. Size 8 1/2 x 17 x 13". Shpg. wt., 29 lbs.

- TE-226WX Kit Net 44.95
- Model 425. As above, but factory wired and tested.
- TE-227WX Net 79.95

SCOPE ACCESSORY PROBES

Features: fully shielded rugged terminal board mounting of all parts. Shock-mounted floating construction, with swivel action and color-coded for easy identification. Shpg. wt., 5 oz.

- TE-228 PSD-K. —Demodulator Probe Kit Net 3.95
- TE-229 PSD. —As above, but factory wired Net 5.95
- TE-230 PD-K. —Direct Probe Kit Net 2.95
- TE-231 PD. —As above, but factory wired Net 3.95
- TE-232 PLC-K. —Low Capacity Probe Kit Net 3.95
- TE-233 PLC. —As above, but factory wired Net 5.95

MODEL 488K ELECTRONIC SWITCH

Simultaneous observation of 2 patterns on a single scope screen. Amplitudes of the 2 patterns are individually adjustable. Control for variable phase relation between the 2 patterns. Switching rate: continuously variable 10-2000 CPS. Frequency response (sinusoidal): DC to 30,000 CPS (-2 db); Useful to 300,000 CPS. Maximum gain: 10 times (continuously variable gain control); Input impedance: 100,000 ohms; Output impedance 50,000 ohms. All components and instructions supplied. For 105-125 V 50 to 60 cycles. 6x8x6". Shpg. wt., 7 lbs.

- TE-206 Kit Net 23.95
- Model 488. As above, but factory wired and tested.
- TE-207 Net 39.95

MODEL 324K RF SIGNAL GENERATOR

For IF-RF alignment, signal tracing and trouble-shooting of TV, FM, AM sets all on fundamentals; marker generator for alignment of new h-f and older I-f TV IF's. Range: 150 kc-145 mc on fundamental: 111-435 mc on calibrated harmonics — ± 1.5% frequency accuracy. Internal 400 cps sine-wave modulation variable from 0-50%. Colpitts oscillator. Variable gain external modulation amplifier; Turret-mounted, slug-tuned coils. RF output 100,000 microvolts. AF output up to 10 volts. Output impedance is 50 ohms. For 105-125V. AC 50/60 cps. Size: 8 x 10 x 4 3/4". Shpg. wt., 10 lbs.

- TE-242 Kit Net 26.95
- Model 324. As above, but factory wired and tested.
- TE-243 Net 39.95

MODEL 320K SIGNAL GENERATOR

Highly stable Hartley oscillator has range of 150 kc to 102 mc with fundamentals to 34 mc. 400-cycle AM modulation bands. Vernier tuning condenser complete with all components and instructions for easy assembly. Size: 10 x 8 x 4 3/4". For 110-120V. 60 cycles AC. Shpg. wt., 10 lbs.

- TE-238 Kit Net 19.95
- Model 320. As above, but factory wired and tested.
- TE-239 Net 29.95
- Model 322K. Similar kit to Model 320K except with individual calibration of each of the 5 bands.
- TE-240 Net 23.95
- Model 322. As above, but factory wired and tested.
- TE-241 Net 34.95

MODEL 147AK DELUXE SIGNAL TRACER

A deluxe instrument with unsurpassed testing facilities, engineered for high sensitivity as well as good audio quality. Features high gain RF and low gain audio channels. Both visual and aural monitors. With shielded RF crystal demodulator, valuable noise locator circuit, built in calibrated wattmeter, substitute test speaker, amplifier and output transformer. Output for VTVM or scope. Triode input circuit for extreme low noise. Hum free operation. Complete with all components and instructions with probes. For 105-125 vac 50/60 cycles. 8 x 10 x 4 3/4". Shpg. wt., 11 lbs.

- TE-216 Kit Net 24.95
- Model 147A. As above, but factory wired and tested.
- TE-217 Net 39.95

MODEL 368K TV-FM SWEEP GENERATOR & MARKER

Service engineered; Features an all electronic sweep. 5 ranges, from 3 mc to 216 mc. Output Impedance: 50 ohms. Variable Frequency Marker: 2 ranges, 5-75 mc in Fundamentals, to 225 mc in Harmonics. Fixed Frequency Marker. Crystal control using 4.5 mc crystal included with kit. External marker can be used. Sweep width is variable from 0-30 mc. For 105-125 VAC., 50/60 cps. Size: 8 3/4 x 13 1/2 x 7 1/4". Shpg. wt., 16 lbs.

- TE-234WX Kit Net 69.95
- Model 368. As above, but factory wired and tested.
- TE-235WX Net 119.95

MODEL 352K BAR GENERATOR

Reliable, accurate, portable, easy-to-use; a wonderful time-saver! Operates on channels 3, 4, 5, when connected to the antenna terminals. It produces 16 vertical bars to check HOR linearly. 12 horizontal bars to check VERT linearity. Shows picture size and V & H sync circuit stability. Output: 100,000 μv. Very useful for TV service work when all stations are off the air. Size: 7 1/2 x 5 x 4 1/2". Shpg. wt., 6 lbs.

- TE-244 Kit Net 14.95
- Model 352. As above, but factory wired and tested.
- TE-245 Net 19.95

MODEL 360K TV-FM SWEEP SIGNAL GENERATOR

Complete, accurate alignment of VHF-UHF TV and FM receivers. Frequency Range: 500K to 228 MC on fundamentals. Sweep width variable from 0-30 mc. Crystal marker oscillator with variable amplitude. Provision for external marker. Phasing control included. 8 1/2" vernier dial calibrated in frequencies. TV channels marked on front panel. Tubes: 1-6X5GT, 1-12AU7, 2-6C4. For 110-120V., 60 cycles AC. Size: 10 x 8 x 6 3/4" Complete with tubes; steel case, etched panels, parts, schematic and pictorial diagrams. Less crystal. Shpg. wt., 12 lbs.

- TE-246 Kit Net 34.95
- Model 360. As above, but factory wired and tested.
- TE-247 Net 49.95

MODEL 315K DELUXE SIGNAL GENERATOR

Range 75 kc to 150 mc on 7 calibrated bands. Accuracy better than 1%, stabilized by VR power supply circuit. Provision for external modulation or internal 400 cycle sine-wave modulation. Output 100,000 μv. Attenuator provided. Bandsread vernier tuning. Tubes: 6C4, 7F7, 6X5, VR-150. For 105-130V 60 cycles. Size: 12 x 13 x 7". All components and instructions supplied. Shpg. wt., 20 lbs.

- TE-248 WX Kit Net 39.95
- Model 315. As above, but factory wired and tested.
- TE-249WX Net 59.95

MODEL 377K AUDIO GENERATOR

When Bridge-type oscillator providing both sine and square wave: 1% resistors and 4-gang condenser used. Frequency range: Sine wave, 20-200,000 cps; square wave, 60-50,000 cps. Response ± 1.5 db, 60-150,000 cps. Distortion less than 1%. Hum less than 0.4%. Accuracy ± 3%. K-follower output of 10V across 1000 ohms rated load (100mw). Size: 7 1/4 x 11 1/4 x 7 1/4". Shpg. wt., 14 lbs.

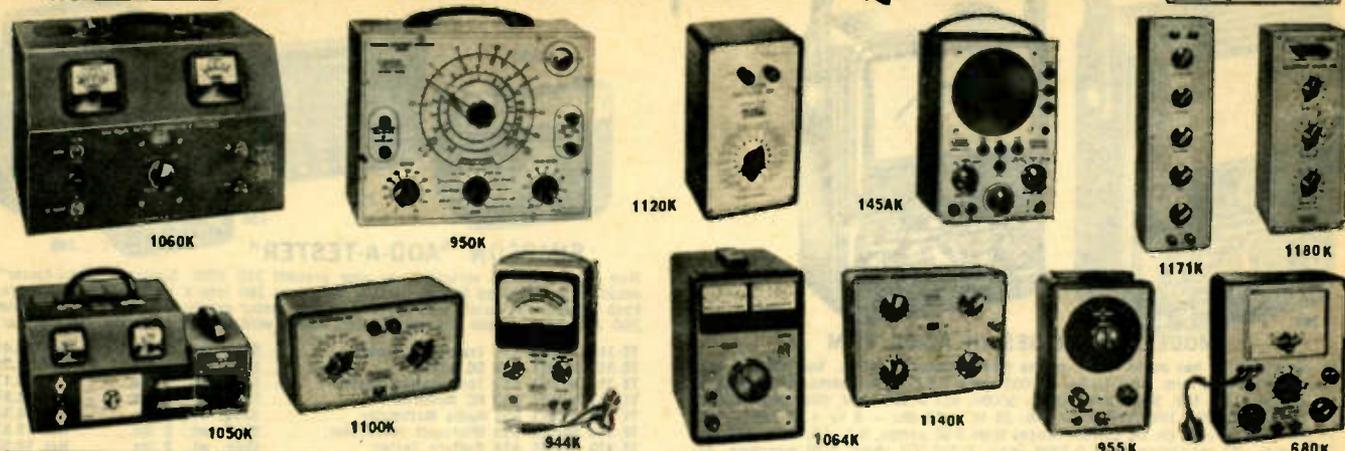
- TE-250 Kit Net 34.95
- Model 377. As above, but factory wired and tested.
- TE-251 Net 49.95

5MC AND 4.5 MC CRYSTALS

Precision crystals, fit std. socket (including EICO #360). Shpg. wt., 5 oz.

- TE-252 C-5, 5MC Crystal Net 3.95
- TE-253 C-4.5, 4.5 Mc crystal Net 3.95

EICO KITS AND WIRED TEST EQUIPMENT EICO



MODEL 1060 K EXTRA-FILTERED BATTERY ELIMINATOR & CHARGER

This versatile, rugged unit incorporates an extra low-ripple filter circuit. Ideal for latest all-transistor 6 or 12 volt equipments and any conventional ones using vacuum tubes. Selection of voltage range automatically provides appropriate current range. Fused transformer primary. Continuous voltage adjustment with Variac. 2 DC ranges and dual-range ammeter for accurate readings. Ranges: high range = 0-16V, 1.5% ripple at 2 amps, 2% at 6 amps; 6 amps continuous, 12 amps intermittent; low range = 0-8v, 0.3% ripple at 2 amps, 1.5% at 10 amps, 10 amps continuous, 20 amps intermittent. For 105-125 volts 50/60 cycle a.c. All components and instructions included. 8 3/4" x 10 1/2" x 7 3/4". Shpg. wt., 19 lbs.

TE-193 Kit Net 38.95
 Model 1060. As above, but factory wired and tested. Net 47.95

MODEL 1050K 6-12 VOLT BATTERY ELIMINATOR & CHARGER

Provides dependable 6-12 volt source where AC ripple component is tolerable. 2 DC ranges: 0-16 v, 6 amp continuous 12 amps intermittent; 0-8v 10 amps continuous 20 amps intermittent. Continuous voltage adjustment with Variac. Meters: voltmeter, 0-20 v., ammeter, 0-20 amps. All components and instructions included. For 105-125 volts a.c. 50/60 cycle. 8 3/4" x 10 1/2" x 7 3/4". Shpg. wt., 15 lbs.

TE-195 Kit Net 29.95
 Model 1050. As above, but factory wired and tested. Net 38.95

Model 1055K—An L-C filter gives additional filtering for \pm 1050K or similar unit. Size 5 x 4 x 5 3/4". Shpg. wt., 7 lbs.

TE-198 Kit Net 11.95
 Model 1055. As above, but factory wired and tested. Net 15.95

MODEL 1064K 6-12 VOLT BATTERY ELIMINATOR & CHARGER

An excellent low ripple unit useful for transistor, tube, "hybrid" auto radio repair or wherever minimum ripple is mandatory. Features 2 DC voltage ranges, 6 or 12 V. DC separate voltmeter and dual range ammeter—up to 10 amperes continuous. AC ripple: 0.3% @ 2 amperes. For 105-125 volts, 50/60 c; Size 8 1/2"Hx5 3/4"Wx 7 1/2"D. Shpg. wt., 14 lbs.

TE-262 Kit Net 43.95
 Model 1064 As above, but factory wired and tested. Net 52.95

MODEL 944K FLYBACK TRANSFORMER & YOKE TESTER

Positive check of all type flybacks and yokes, in or out of set — in just seconds! Operates on the extremely sensitive grid-dip principle — shows up even 1 shorted turn! Exclusive separate calibration for air core and iron core flybacks for accurate testing of all types. Checks any inductance when impedance is not too low. Large 4 1/2" meter. 3 separate colored scales. Tests continuity of yokes, coils, speakers, switches, etc. New compact sizes for extra-easy portability — Kit comes complete with instructions. Tube complement 1—6K6. Size 7 x 5 x 4". For 105-125 volts AC 50/60 cps. Shpg. wt., 5 lbs.

TE-202 Kit Net 23.95
 Model 944. As above, but factory wired and tested. Net 34.95

MODEL 1171K RESISTANCE DECADE

Ideal for general design and development work. Exceptionally accurate wide-range versatile instrument. 0.99,999 ohms in 1-ohm steps with 5 decades. Comparator position permits instant substitution of actual equivalent component of the resistance value indicated on the box. All 1/2% accurate 1 watt resistors. Quality switches. Rugged, trouble-free constructions. Smart professional styling — satin finish deep-etched aluminum panel, grey wrinkled steel case. Size 12" L, 3 1/2" W, 3" D. Shpg. wt., 3 lbs.

FE-204 Kit Net 24.95
 Model 1171. As above, but factory wired and tested. Net 29.95

MODEL 1180 CAPACITANCE DECADE

Precision silver-mica capacitors (\pm 1% accuracy, rated 350 VDC continuous, 500 VDC intermittent, 1000 VDC test) arranged in 3 decades for extremely wide range of 100 MMF to 0.111 MF in steps of 100 MMF. With all switches at zero, approximately 7 uuf. Insulation resistance of capacitors used, none under 50,000 megohms, most well over 250,000 megohms. Satin-finish deep-etched aluminum panel, gray wrinkled steel case. Size: 9Lx3 1/2"Wx3 1/2"D. Shpg. wt., 3 lbs.

TE-220 Kit Net 14.95
 Model 1180. As above, but factory wired and tested. Net 19.95

MODEL 1100K RETMA RESISTANCE SUBSTITUTION BOX

A time-saving instrument with wide variety of applications. Ideal for general design or development, also service work. Enables rapid substitution of wide range of RETMA resistance values from 15 ohms to 10 megohms in decade multiples of 15, 22, 33, 47, 68, 100 ohms. Uses standard 1 watt, \pm 10% RETMA resistors. Handy 5-way jack-top binding posts. Satin aluminum front panel. Size: 3 3/4" x 6 1/2" x 3 1/2". Shpg. wt., 2 lbs.

TE-208 Kit Net 6.95
 Model 1100. As above, but factory wired and tested. Net 10.95

MODEL 1120K RETMA CAPACITANCE SUBSTITUTION BOX

Ideal equipment for development, designing, servicing work. Enables rapid substitution of wide range of RETMA capacitance values from 0.0001 to 0.22 MFD in an operating circuit to determine value needed for best performance and to find value of badly damaged or illegible capacitors. Minimum accuracy \pm 10%. Uses silver-mica and molded plastic (or sealed in plastic) capacitors, rated approx. 600 volts. Size: 3 3/4" x 3 1/2". Shpg. wt., 2 lbs.

TE-218 Kit Net 5.95
 Model 1120. As above, but factory wired and tested. Net 9.95

MODEL 1140K SERIES-PARALLEL R-C COMBINATIONS BOX

An extremely valuable combination of the model 1100K Resistance Box and the Model 1120K capacitance Box with additional switching facilities that permit selection of any resistance alone, any capacitance alone, or any combination of resistance and capacitance in either series or parallel. Also open circuit and short circuit positions. Same specs as #1100 and #1120. With convenient jack-top binding posts. Shpg. wt., 4 lbs.

TE-212 Kit Net 13.95
 Model 1140. As above, but factory wired and tested. Net 19.95

MODEL 950K R.C. BRIDGE & R-C-L COMPARATOR

Latest bridge-type professional instrument featuring the valuable Comparator Range for measuring unknown capacitance, resistance and inductance with a complementary component as a standard. Transformer operated assures safe operation. Direct scale on panel reads 0.5 ohms — 500 megs resistance (4 ranges), 10 mmfd — 5000 mfd capacitance (4 ranges), and power factor. Kit includes precision calibrating resistor. Unique comparator range has ratio from 0.05 to 20 (400 to 1). Leakage testing of all capacitors at rated dc working voltage with internal (variable) 0-500 vdc source. Electron-ray tube as both bridge balance and capacitor indicator. Attractive, durable case, neat easy-to-read characters. Size: 8" x 10" x 4 3/4". Shpg. wt., 8 lbs.

TE-214 Kit Net 19.95
 Model 950. As above, but factory wired and tested. Net 29.95

NEW MODEL 680K TRANSISTOR AND CIRCUIT TESTER KIT

Provides accurate measurements of diodes and ICBO and ICEO. The VOM includes 5 DC current ranges, 2 DC volts ranges at 20,000 ohm/volt, and 3 resistance ranges. 3 1/2" D'Arsonval meter has 2% accuracy. Self-powered, uses 4 size AA and 1 "C" battery. Includes 3 permanently connected clip-on test leads on a panel socket for transistor connections; 2 banana jacks. Housed in a sturdy bakelite case. Size: 6 3/4"Hx5 1/4"Wx3"D. Shpg. wt., 3 lbs.

TE-735 680K Kit Net 25.95
 TE-736 680 Factory wired and tested Net 39.95

NEW MODEL 955K IN-CIRCUIT CAPACITOR TESTOR KIT

Checks for shorts (even in the presence of as little as 1 ohm shunt resistance). Checks for opens: capacitors as small as 15 mmf, in or out of circuit: Wien bridge circuit measures capacitance with \pm 10% accuracy between 0.1 mf and 50 mf. at any point on the 4" lucite dial-product, convertible into dissipation or power factor-indications visible on electron ray tube. Includes line adjust control. For 105-130 VAC. Size: 8 1/2"Hx5 3/4"Wx6"D. Shpg. wt., 4 lbs.

TE-737 955 Kit Net 19.95
 TE-738 955 Wired Net 39.95

MODEL 584K BATTERY TESTER KIT

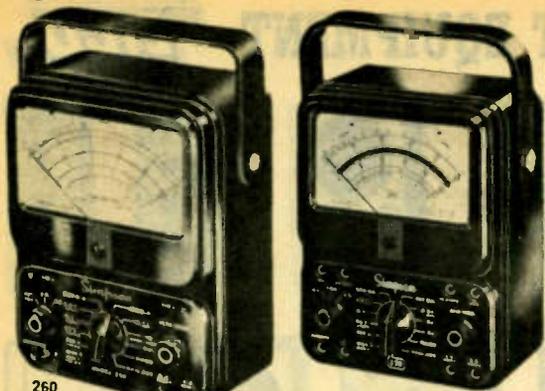
Accurately tests all A and B portable radio batteries in or out of receiver. Tests lantern batteries and may be adapted to other types. Provides true dynamic tests by checking battery terminal voltage, simulating conditions of actual operation. Test positions: volts — 1.5, 4.5, 6.0, 7.5, 9.0, 27.5, 45, 67.5, 75, 90, plus spare position. Test leads provided. 6 1/4" x 3 3/4" x 2". Shpg. wt., 2 lbs.

TE-200 Kit (NOT ILLUSTRATED) Net 9.95
 Model 584. As above, but factory wired and tested. Net 12.95

OTHER EICO TEST EQUIPMENT

TE-236 495K Voltage Calibrator Kit (Not Illus.) Net 12.95
 TE-237 495 Same as above, but factory wired Net 17.95
 TE-210 145AK Signal Tracer Kit Net 19.95
 TE-211 145A Same as above, but factory wired Net 28.95

Simpson QUALITY TEST EQUIPMENT



260

270

MODEL 260 SERIES III AC-DC VOM

Its dependability has made it one of the most popular of VOMs. Now offered in a new and improved form. Sensitivity—20,000 ohms/V.D.C., 5,000 ohms/V.A.C. Ranges: DC: 0-25V, 2.5V, 10V, 50V, 250V, 1000V, 5000V; AC: 0-25V, 10V, 50V, 250V, 1000V, 5000V; A.F.: 0-2.5V, 10V, 50V, 250V; DB: 20 to +10 db; -8 to +22 db; +6 to 36 db; +20 to +50 db. DC current ranges from 0-50 μ amps, 0-1, -10, -100, -500 ma; 0-10 amps. DC resistance from 0-2000 ohms, 0-200,000 ohms, 0-20 megohms. Accuracies: DC volts \pm 3% F.S.; AC volts \pm 5% F.S., DC resistance \pm 3% of arc from absolute value of resistance measured. Meter housed in Bakelite case, measures $5\frac{1}{4} \times 7\frac{3}{4}$ ". Comes with battery and test leads. Shpg. wt., 6 lbs.

TE-310 Model 260 RT. As above, but in "roll top" safety case. Shpg. wt., 9 lbs. Net 47.97

TE-311 Model 270 VOM. Includes all of the features of the 260 (above) plus a mirror scale, knife edge pointer, extra high voltage stability and 1 1/2% accuracy. Size: $5\frac{1}{4} \times 7\frac{3}{4}$ ". Furnished complete with case, batteries and instructions. Shpg. wt., 5 lbs. Net 53.85

TE-353 No Money Down Net 58.75

TE-354 Model 270RT with roll top case. $9\frac{1}{2} \times 7\frac{3}{4}$ ". Shpg. wt., 9 lbs. Net 64.63

MODEL 466 HANDSCOPE

Rugged, compact 5" general-purpose oscilloscope. For TV, FM or AM servicing. Vertical amplifier frequency response: \pm 1 db from 15 CPS to 100 KC; 6 db down at 250 KC; usable to 1 MC. Max. vertical deflection sensitivity: 30mv rms/inch. Horizontal Frequency response: \pm 1 db from 15 CPS to 20 KC; 6 db down at 100 KC. Horizontal deflection sensitivity: 0.7 volt rms/inch, max. Sawtooth sweep range: 15 CPS to 80 KC. Max. input voltage: 400 volts peak. Operates on 100-120 V. AC 60 cycles. Size: $12\frac{1}{4} \times 8\frac{1}{2} \times 16\frac{1}{4}$ ". Complete with test leads and operators manual.

TE-348WX Shpg. wt., 24 lbs. Net 146.95



MODEL 458 7" COLDSCOPE. Dual bandwidth for Blk. & Wh., Color TV. Freq. response Flat \pm 1.0 to 4.5 MC. Size: $11\frac{1}{2} \times 14\frac{1}{2}$ ". For 105/125 V 50/60 CPS. AC. Shpg. wt., 38 lbs. Net 244.95

TE-347WX (Not Illustrated) Net 244.95

MODEL 715 AC VTVM

High input impedance, multi-voltage ranges plus wide frequency response combine to make the 715 an ideal general purpose instrument. Meter scale provides DB markings on both voltage range positions. Employs \pm 1% precision resistors. Sensitivity is 10 millivolts full scale on lowest range. Accuracy: \pm 5% of full scale. Frequency Response: 10 cps to 400 KC \pm 1DB. Ranges: Volts: 0 to 300 rms; Decibel Range: -52 to +52 DBM; Scale Markings: -12 to +2 DB. Supplied with test leads and instructions. On-rates on 110-125V 50/60 cps. Shpg. wt., 4 lbs. Net 68.55

TE-358 Net 68.55



FOR BUDGET TERMS SEE PAGE 381



SIMPSON "ADD-A-TESTER"

Now add unlimited versatility to your present 260 VOM. Simpson "Add-a-Tester" adaptors (units listed below) literally turn your 260 into a whole array of testers. Each adaptor fits easily into any 260 or 270 meter produced since 1947, Simpson 260 Adaptors provide for normal 260 usage without disconnecting the adaptor.

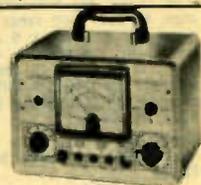
| | | | | |
|--------|---------------|-----------------------|-------------------|-----------|
| TE-314 | MODEL 650 | Transistor Tester. | Shpg. wt., 2 lbs. | Net 26.41 |
| TE-315 | MODEL 651 | DC VTVM. | Shpg. wt., 2 lbs. | Net 32.29 |
| TE-316 | MODEL 652 | Temperature Tester. | Shpg. wt., 2 lbs. | Net 38.17 |
| TE-317 | MODEL 653 | AC Ammeter. | Shpg. wt., 2 lbs. | Net 18.57 |
| TE-318 | MODEL 654 | Audio Wattmeter. | Shpg. wt., 2 lbs. | Net 18.57 |
| TE-319 | MODEL 655 | Microvolt Attenuator. | Shpg. wt., 2 lbs. | Net 18.57 |
| TE-320 | MODEL 656 | Battery Tester. | Shpg. wt., 2 lbs. | Net 19.55 |
| TE-681 | NEW MODEL 657 | Milillohmmeter. | Shpg. wt., 2 lbs. | Net 39.15 |
| TE-680 | NEW MODEL 661 | DC Ammeter. | Shpg. wt., 2 lbs. | Net 17.59 |

ACCESSORIES FOR MODELS 260 AND 270

| STOCK NO. | SIMP. NO. | DESCRIPTION | FOR MODEL | LBS | NET |
|-----------|-----------|--------------------------------|-----------|-----|-------|
| TE-312 | 0247 | HV Probe-25KV | 260,270 | 1 | 11.27 |
| TE-313 | 1818 | Leather carrying case | 260,270 | 2 | 8.37 |
| TE-682 | 8385 | Leads, Alligator Clips, 1 ter. | 260 | 1 | 1.71 |
| TE-683 | 0248 | HV Probe, 50KV | 260,270 | 1 | 12.25 |

MODEL 383A CAPACOHMETER

This in-circuit or out-of-circuit capacitor leakage tester will detect 60-70% of all bad capacitors connected in the circuit. No unsoldering required. Pulse-voltage test quickly detects "borderline" capacitors. Unit indicates leakage and measures capacitance of paper, mica or ceramic capacitors. Has an easy to read $4\frac{1}{2}$ " meter. Actually measures leakage in ohms; checks for direct short, open or intermittent, by-pass, coupling, blocking — from 10 mfd to 10 mfd under load. No fusing with bridge circuits and balancing controls. Better than 10% accuracy. The instrument can also be used to test for leaky wiring, sockets and transformers, etc. For 110 V., 60 cycles AC. Size $8\frac{1}{2} \times 11\frac{1}{2} \times 8\frac{1}{2}$ ". Comes with test leads and operators manual. Shpg. wt., 11 lbs. Net 88.15



EASY PAY PLAN
SEE PAGE 381

MODEL 311 VTVM

Sensitive VTVM. Ranges: DC/AC V. 0-1.5-150-500-1500V; P-P 0-4-14-40-140-400-1400-4000V. AF output voltages from 0.1V to 1500V. Will measure RF-Voltages at frequencies from 50 CPS. Resistance: X1, X10, X100, X1K, X10K, X1M. Zero center D.C.: - .75, 0, + .75. With D.C./A.C./ Ohms probe; Shpg. wt., $6\frac{1}{2}$ lbs. Net 68.55

TE-321 No Money Down Net 68.55

NO. 0731 RF PROBE. For 311 VTVM Shpg. wt., 1 lb. Net 11.27

TE-322 Net 11.27

NO. 0731 RF PROBE. For 311 VTVM Shpg. wt., 1 lb. Shpg. wt., 1 lb. Net 11.51

TE-323 Net 11.51



MODEL 268 MICRO-AMMETER VOM

Specifications: 20,000 ohm/volt multitester. Large 7" dial. Ranges AC/DC volts: 0-3-12-60-600-1200. DC Microamps: 0-60, DC milliamps: 0-1.2-12-120, and 0-12 amps. Output volts: to 300 VAC, DB scale. Ohms: RX1, X100, X10K. Size: $6\frac{1}{2} \times 4\frac{1}{2} \times 3\frac{1}{4}$ ". Complete with test leads. Shpg. wt., 5 lbs. Net 53.85

TE-685 Net 53.85

Model 267 — Similar to 268 except: AC voltage ranges to 250V. Ampere ranges for 0-50 μ a, 0-500MA and 0-10A. Net 53.85

TE-684 Net 53.85

No. 5262 Carrying Case For 268 & 267 VOM's. Shpg. wt., 2 lbs. Net 9.75

TE-687 Net 9.75

No. 7538 Test Prods, Elbow Banana Plugs, For 268 and 267 VOM's. Shpg. wt., 1 lb. Net 2.45

TE-686 Net 2.45

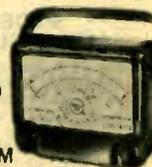
MODEL 269 V-O-MICROAMMETER

100,000 ohms/volt multitester with 7" dial. 33 ranges: DC current 0-16-160 μ a; 0-160 ma; 0-16 amps. DC volts: 0-1.6-8-40-160-400-1600-4000. AC: 3-8-40-160-800V. AF: 0-160V; Ohms: 0-200K, Megs: 0-200. Size: $7\frac{1}{4} \times 6\frac{1}{2} \times 3\frac{1}{4}$ ". With batteries, leads, probe. Wt., 6 lbs. Net 88.15

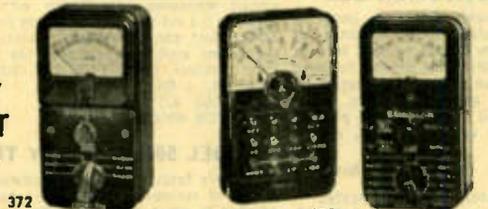
TE-324 No Money Down Net 88.15

No. 0181 HI-VOLTAGE PRDBE. 40KV range. For 269 Shpg. wt., 2 lbs. Net 13.23

TE-325 Net 13.23



QUALITY COMPACT METERS



372

355

240

MODEL 372 OHMMETER

Accuracy of \pm 3% Ranges: 0-500-5000-50,000-500,000 ohms; 0-5, 0-50 megohms. Complete with test leads, batteries. Shpg. wt., 3 lbs. Net 29.35

TE-336 No Money Down Net 29.35

MODEL 355 MIDJETESTER

Uses 100 μ amp, shielded meter movement. Range: AC/DC 0-1200V; ohms 0-100K; 0-10 Meg. $2\frac{3}{4} \times 4\frac{1}{2} \times 1$. Batteries, leads. Shpg. wt., 2 lbs. Net 34.25

TE-327 No Money Down Net 34.25

TE-328 Carrying Case For 355. Net 3.89

MODEL 240 AC/DC VOLT "HAMMETER"

Sensitivity: 1000 ohms/V AC/DC. DC/AC volts: 0-3000, DC ma: 0-750; ohms, 0-300-300,000. Size: $5\frac{7}{8} \times 3\frac{1}{2} \times 2\frac{1}{2}$ with battery, leads. Shpg. wt., 3 lbs. Net 31.31

TE-333 No Money Down Net 31.31

SELECTED TEST EQUIPMENT BY TRIPLET

POPULAR 630 SERIES PORTABLE VOMS

New
200,000
OHMS PER VOLT
MODEL
630-NS

- SUSPENSION METER MOVEMENT
- 64 RANGES



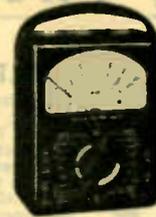
97⁵¹ No Money Down



MODEL 630



MODEL 630-PL



MODEL 630A



MODEL 630-APL

MODEL 630 VOM

A popular VOM with a large 5 1/2" meter for easy visibility and greater accuracy. Sensitivity 20,000 ohms per volt DC, 5,000 ohms per volt AC. Ranges: 0-3-12-60-300-1200-6000 volts. Ohms: 0-1K-10K-1 meg-100 meg, DC milliamperes: 0-.06-1.2-12-120 at 250 millivolts. DC amperes: 0-12. DB: -20 to +70 (0 DB = 1 mw. In 600 ohms.) Meter has a molded, fully insulated case, measures 3 1/2"x5 1/2"x7 1/2". Complete with leads, clips, batteries and instruction book. Shpg. wt., 6 lbs. **TE-368** Net 48.51

Model 630A VOM — Laboratory type VOM similar to 630 but features 1/2% resistors and more accurate movement for greater accuracy — complete with leads, clips, batteries and instruction book. Shpg. wt., 6 lbs. **TE-369** Net 56.31

MODEL 630-PL VOM

A compact VOM of modern design. Features streamlined design. AC frequency response 5-500,000 cycles per second, DC Polarity reversing switch. High sensitivity: 5000 ohms per volt AC, 20,000 ohms per volt DC. DC Volts: 0-2.5-10-50-250-1,000-5,000. AC Volts: 0-3-10-50-250-1000-5000. Decibels: -20 to +75. DC milliamperes: 0-1-10-100-1000 at 250 millivolts. DC Amperes: 0-10 Ohms: 0-1K-10K-1 meg-100 meg. Molded, fully insulated case, 3 1/2"x5 1/2"x7 1/2". Complete with leads, alligator clips, batteries and instruction manual. **TE-370** Shpg. wt., 6 lbs. Net 48.51

MODEL 630 APL VOM — Laboratory type VOM featuring 1/2% resistors and more accurate movement for greater accuracy — RANGES and other features same as Model 630 PL. Shpg. wt., 7 lbs. **TE-374** No Money Down Net 58.31



310



666-R



10

MODEL 310 VOM

MINIATURE VOM. DC volts: 0-3-12-60-300-1200 @ 20K ohms/v. AC volts: 0-3-12-60-300-1200 @ 5K ohms/v. DC μ a: 0-600; MA, 0-600; ohms to 200K. With batteries, leads. Size: 4 1/2"x2 1/4"x1 1/4". **TE-360** Shpg. wt., 1 lb. Net 36.75

666-R POCKET VOM

DC/AC V.-0 to 5000 ohms per volt. Ohms 0-300,000; Megs: 0-3. DC MA 0-100; AMPS: 0-1. Output volts 0-1,000. Battery, leads, 3 1/2"x5 1/2"x2 1/4". **TE-389** Shpg. wt., 4 lbs. No Money Down Net 31.85

MODEL 10 CLAMP ON AC AMMETER

Clamp on type ammeter, plugs into 310 VOM. Jaws clamp around single conductor to measure 0-6-12-30-60-120-300 amps AC. Shpg. wt., 3 1/2 lbs. **TE-361** Net 15.19

Model 379 — Black leather case for model 10. **TE-363** Shpg. wt., 8 oz. Net 5.88

Model 101 LINE SEPARATOR — Divides two conductor cords, increases sensitivity 10X and 20X. **TE-364** Shpg. wt., 2 lbs. Net 5.88

Model 100. Complete set includes Models 310 and 10, 101, 379, 311. Shpg. wt., 5 lbs. **TE-365** Net 63.21

No. 611. Leads adapt model 10 for use with any VOM having 3 volt AC scale at 5000 ohms per volt, such as Triplett 630, 631 series. **TE-366** Shpg. wt., 1 lb. Net 2.06

No. 311 leads separate model 310 from model 10 in cramped locations. **TE-367** Shpg. wt., 1 lb. Net 2.06

Model 369 black leather case for model 310. **TE-362** Shpg. wt., 8 oz. Net 3.14

VOM AND VTVM ACCESSORIES

No. T-79 A-145 R.F. probe for model 631 to extend measurements up to 250mc. Shpg. wt., 1 lb. **TE-373** Net 7.65

Model 639-N. Carrying case for testers 630, 630-A, 630-PL, 630APL, 630-NA, 631, 630T. Cover flap snaps back allowing full access to meter without removing case. Black Cowhide. **TE-377** Shpg. wt., 2 lbs. Net 9.70

Model 639-P. Same as 639-N Leather Case with sponge rubber lining. **TE-399** Shpg. wt., 2 lbs. Net 14.60

No. T-79-70 0-30,000 VDC Hi-Volt Probe for 630 and 631 Series. Shpg. wt., 8 oz. **TE-400** Net 14.21

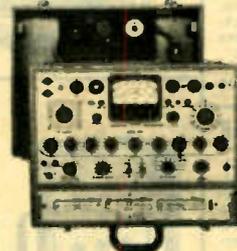
No. T-79-127 Replacement leads for 630 Series VOM's. **TE-405** Shpg. wt., 1 lb. Net 2.06

No. T-225-A33 stand for 630, 631. Shpg. wt., 1 lb. **TE-402** Net .98

Model 78B-196 — High Volt Probe DC to 50KV. For 850. **TE-408** Shpg. wt., 1 lb. Net 19.59

Model 859-OP Black Leather carrying case with sponge rubber padding for Model 850. **TE-409** Shpg. wt., 2 lbs. Net 19.11

MODEL 3444 TUBE ANALYZER



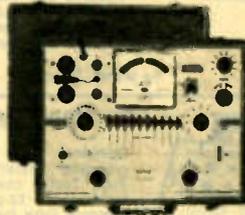
273⁹¹
NO MONEY DOWN

A true laboratory type dynamic mutual conductance tube tester in a portable case. Measures true GM without extra compensating factors using proper DC potentials, 5 KC signal source and a vacuum tube micro-ammeter. Self-checking circuit for GM accuracy. Also tests for: plate current cutoff; plots characteristic curves, checks gas, rectifiers under load, etc. Includes recessed socket savers. Gray leatherette covered case with removable cover. Size: 15 1/2"x18 1/2"x7 3/4". For 110-120 V, 60 cycle AC. Shpg. wt., 24 lbs. **TE-397WX** No Money Down Net 273.91

"CG" ADAPTER FOR 3444

Extends range to include special tube types. **TE-411** Shpg. wt., 2 1/2 lbs. Net 38.71

MODEL 3414 TUBE TESTER



Portable and for Counter

877¹¹
NO MONEY DOWN

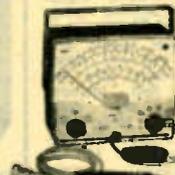
Here is a versatile, easy-to-use test instrument. Burned out tubes are rejected instantly upon insertion of tube. The neon indicator detects shorts quickly and accurately. Filament voltage of 0.65 to 117 volts is provided. Roll chart lists all popular radio, TV and Hi-Fi tubes. Large, three-color meter. Counter — Portable dark grey leatherette covered case is included. 15 1/2"x11 1/2"x6 1/2". Shpg. wt., 10 lbs. **TE-378WX** Net 87.71

TV PICTURE TUBE ADAPTER

Check picture tubes right in set or carton. Can be used with Triplett models 3413-B, 3423 and 3441. **TE-376** BV Adapter. Shpg. wt., 3 lbs. Net 7.06



631



850

MODEL 631 VTVM-VOM

VTVM sensitivity 9 meg/volt. DC: 0-120V; VOM: 0-3-12-60-300-12K @ 20K ohms/V; AC: 0-3-12-60-300-12K @ 5K ohms/V. DC μ a: 0-60 @ 250MV; DC MA: 0-1-2-12-120-1200 @ 250 mv; DC amps: 0-12 @ 250 mv; DB: -20 +63; ohms 0-1500-15K; Megs: 0-1.5-150. Molded case with batteries and leads. Size: 3 1/2"x5 1/2"x7 1/2". Shpg. wt., 6 lbs. **TE-372** No Money Down Net 68.11

MODEL 850 ELECTRONIC VOLT-OHMMETER

Large 7" scale plus protection against burnout are featured. Single probe, 11 Meg. input impedance. DC. Ohms to 1000 Meg., P-P voltage to 4000V. Size: 7 1/2"x6 1/2"x3 3/8". Shpg. wt., 7 lbs. **TE-407** Net 77.91

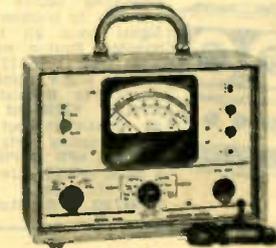
MODEL 800 VOM Mirrored scale, 20,000 ohms/volt DC. 70 ranges. Size: 7 1/2"x6 1/2"x3 3/8". **TE-404WX** Shpg. wt., 6 lbs. Net 87.71

MODEL 2590 TRANSISTOR TESTER

534¹¹

NO MONEY DOWN

A much needed instrument for every laboratory and service shop. Tests shorts, leakage, BETA, ICBO, ICBO, ICEO for both power and signal type transistors. Also checks leakage and forward currents on diodes. Operation is simple — roll charts or special technical data are eliminated. The only information needed to make a test is the transistor type. Finished in durable gray leatherette with luggage style handle and attractive aluminum panel. Size: 11 1/2"x8 1/2"x5 1/2". **TE-398** Shpg. wt., 9 lbs. Net 53.41



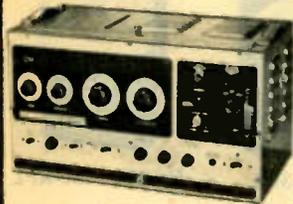
MODEL 3432A SIGNAL GENERATOR

Freq. coverage from 160KC to 110MC fundamental with 7 bands (200 MC harmonics). Shielded RF circuits with large etched aluminum dial. Stable, cathode follower output. 400 cycle audio with variable control for 0-100% modulation. Metal case, Size: 15 1/2"x11 1/2"x6 1/4". Shpg. wt., 45 lbs. **TE-392WX** (Not Illustrated) Net 107.31

OUTSTANDING TEST EQUIPMENT VALUES for the SERVICEMAN

B&K PROFESSIONAL TEST EQUIPMENT

MODEL 1076 TELEVISION ANALYST

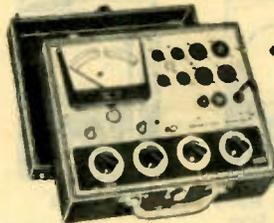


A miniature T.V. Transmitter for TV troubleshooting. Injects RF, IF, video, or audio signal into TV set for rapid and easy isolation of defective stages. Supplied with slide transparencies which provide standard Test patterns for adjustment of Linearity, Sensitivity, AGC, Bandwidth, Resolution, Size, and Aspect Ratio; White-Dot and Crosshatch patterns for adjustment of color convergence, color demodulator. RF & IF signals are video and audio-modulated. Separate

horiz. and vert. drive pulses, 4.5 MC sound channel, 400 cycle tone generator. IF range 25-45 MC. Injects horiz. and vert. sync pulses, grid and plate drive signals directly into output transformers. Checks Fly-Backs, yokes for opens, leakage, and shorted turns. Automatic B+ Boost and HV indicators. Vert. Yoke test signal. Many other features. For 110-120 volts, 60 cycles AC. 17x10 1/4x10. Shpg. wt., 34 lbs.

TE-645WX Net 293.95

MODEL 600 TUBE TESTER



• Tests all standard TV and Radio Tubes including the new Nuvistors

A B & K professional quality tube tester at a low cost. In addition to all standard TV and radio tube types, the model 600 tests Nuvistors, the new 10-pin tubes and 12-pin compactrons. The Model 600 also tests voltage regulators, thyristors, many industrial types and European # Hi-Fi tubes. Checks for all shorts, grid emission, leakage and gas and tube quality under dynamic

load conditions. Tests each section of multi-section tubes separately. Provides exclusive adjustable grid emission test. Sensitivity to over 100 megohms. Phosphor-bronze socket contacts. Complete tube listing in handy reference index. Extremely compact in handsome, sturdy leatherette-covered carrying case. Size 8 1/2x11x4 1/2". Shpg. wt., 7 lbs.

TE-647 Net 68.55

NEW MODEL 850 COLOR ANALYST

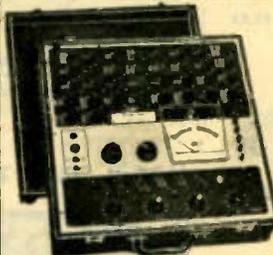


Makes color TV installation and servicing quick and accurate. Stable crystal-controlled system gives dot pattern, crosshatch, vertical lines, horizontal lines, burst pulse and individual colors. Unique B & K viewer permits positive identification and setting of colors and patterns. Produces green, cyan, Blue, B-Y, A, Magneta, R-Y, Red, I and Burst individually selected. R.F. signals are available for channels 3, 4 & 5. Exclusive B & K gun killer disables any combination of the 3 color guns. Eliminates continuous adjustment of background or screen controls. Sweep jack provides

15,750 CPS Sawtooth signal for demodulator alignment. AC only. Size: 9x12 1/4x8 1/2". Shpg. wt., 14 lbs.

TE-695WX No Money Down Net 195.96

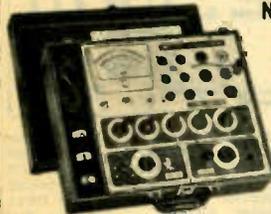
MODEL 700 DYNA-QUIK TUBE TESTER



The "700" measures true dynamic mutual conductance in seconds. Tests all new type tubes and provides for future new sockets. Checks for all shorts, grid emission, leakage and gas. Large 4 1/2" meter with easy-to-read "Replace-Good" scale for quick life tests. Lists commonly used tube types on panel with complete listing on cover reference chart. Includes 7, 9, and 10 pin tube straighteners and handsome leatherette-covered carrying case. 117V 50/60 cps AC. Size: 16 1/2x15 3/4x5 1/2". Shpg. wt., 21 lbs.

TE-652WX Net 166.55

NEW MODEL MODEL 625 DYNA-TESTER

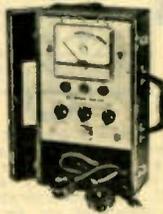


Combines tube tester, VOM and cathode rejuvener tester in one compact instrument. Tube Tester checks Nuvistors, Novars, 10 pin tubes and 12-pin Compactrons as well as common tube types. Checks for all shorts, grid emission, leakage and gas. Tests each section separately; tube quality and cathode emission under simulated operating conditions. VOM section has 2 ranges: 3 DC, 3AC 0-10, 100, 1,000V; 1 ohm range—3K center scale. CRT section checks picture tubes without removal from set. Tests & rejuvenates TV

tubes. Tests for shorts, leakage and emission. Restores emission and brightness. For 117V 50/60 cycle AC. Size: 12 1/2x15 1/2x5 1/4". Shpg. wt., 12 lbs.

TE-696WX No Money Down Net 137.15

MODEL 440 CRT REJUVA TESTER



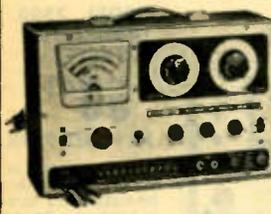
Most widely used today by service technicians. The deluxe all-in-one portable 440 gives you more value than ever. Quickly checks and corrects black and white, color TV picture tube troubles in a few minutes without removing tube from set. Tests and rejuvenates all picture tubes at correct filament voltages from 1 to 12 volts, including new 110° tubes. Checks and corrects each gun of color tube separately. Restores emission and brightness. Grid cut-off reading indicates the picture quality. Has 4 1/2" plastic meter. For 105-125 volts, 50/60 cps. Size: 14x8x4 3/4". Shpg. wt., 12 lbs.

TE-570 Net 73.45

MODEL CRT 420 CATHODE REJUVENATOR TESTOR. Compact, spots and corrects picture tube trouble right in the set. For 120 volts 50-60 cycle AC. 8 1/2x6 3/4x3 3/8". Shpg. wt., 8 lbs.

TE-650 (Not Illustrated) Net 53.85

NEW MODEL 960 TRANSISTOR RADIO ANALYST



The Analyst gives you a complete signal generating source for point-to-point signal injection to troubleshoot any transistor radio. Signal trace all circuits stage-by-stage in minutes. Built-in metered power supply provides from 1 to 12 volts in 1 1/2 volt steps. Unique single point probe needs only one contact to transistor under test. Includes built-in VTVM and ohmmeter. Also tests all transistors out of circuit. Meter has direct reading Beta scale. Automatically determines NPN or PNP transistors. For 110-120 V 50/60 cps AC. Size: 12 1/2x7 3/4x4 7/8". Shpg. wt., 7 lbs.

TE-697WX No Money Down Net 97.96

V O M A T I C 360 AUTOMATIC VOLT- OHM-MILLIAMMETER



First real VOM advance in 20 years, the Mode 360 speeds testing in a great variety of measurement applications. Features Burn-out proof meter and individual direct reading, full-size scales. Only one scale is visible at any one time, automatically. Once the range switch is set, it is impossible to read the wrong scale. Mirrored scale and knife-edge pointer further facilitate precise readings. DC volts in 6 ranges at 20,000 ohms per volt. Sensitivity and AC volts in 6 ranges at 5,000 ohms per volt sensitivity. Polarity reversing switch. Accuracy $\pm 3\%$ DC $\pm 5\%$ AC (full scale). Also measures capacitance in 3 ranges, watts in 7 ranges and DBM in 5 ranges. Complete with batteries and test leads. Size: 6 1/2x8 1/2x4 1/4". Shpg. wt., 5 lbs.

TE-648 Net 58.75

TE-649 LG-8 leather carrying case for above Net 11.71

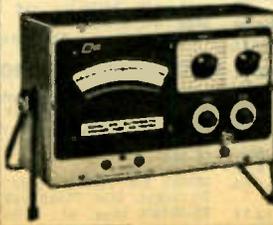
MODEL 1070 DYNA-SWEEP CIRCUIT ANALYZER



Circuit analyzer for trouble shooting horizontal, vertical sync and high voltage sections of TV sets. Provides horiz. plate driving signal to drive TV output transformer circuit; checks for shorted turns, leakage, opens, shorts and continuity. Tests for yoke troubles. Provides unique high voltage indicator. Completely self-contained. Operates in 110-120V, 50/60 cycle AC. Size 9 1/2x7x5. Shpg. wt., 10 lbs.

TE-576 No Money Down Net 73.45

DYNAMATIC 375 AUTOMATIC VACUUM-TUBE VOLTMETER



This professional automatic VTVM simplifies true reading of peak-to-peak voltage of complex wave forms. All scales are direct reading and only one scale is visible at any one time. It utilizes a single DC-AC ohms probe and anti-parallel mirror. Range: 0-1500 DC volts, AC volts (rms) and AC volts (peak-to-peak). DC current: 0-500 ma. Ohms: 0-1000 meg. $\pm 3\%$ Accuracy Full scale AC and DC. Includes 1 1/2V battery and sturdy metal case with combination swivel stand and handle. 117 volts AC 50/60 cps. Size: 10 3/4x6 3/4x4 1/2". Shpg. wt., 12 lbs.

TE-651WX Net 87.15



TEST EQUIPMENT—KITS AND WIRED



**RCA WV-77E(K)
VOLTOHMYST
IN KIT FORM**
ONLY **2995** KIT
43.95
WIRED

This new kit makes possible substantial savings in a high quality vacuum-tube voltmeter. Its 28 ranges include 7 DC voltages: 0-1.5, 5, 15, 50, 150, 500, 1500, with $\pm 3\%$ of full scale accuracy and input resistance of 11 megohms; 7rms AC voltages: 0-1.5, 5, 15, 50, 150, 500, 1500, with $\pm 5\%$ of full scale accuracy; 7 peak-to-peak AC voltages: 0-4, 14, 40, 140, 400, 1400, 4000 volts, with 5% accuracy; 7 overlapping ohms ranges from 0.2 ohms to 1000 megohms with center-scale values of 10, 100, 1000, 10K, 100K, 1 meg, and 10 meg. ohms. Other important features include zero-center for discriminator alignment; frequency response of 40 cps to 5mc. flat to within $\pm 5\%$ on the 1.5 to 15 volt rms and 4 to 40 volt p-p ranges; 1% deposited-carbon resistors; meter electronically protected against burnout. Power requirement is 5 watts at 105-125 v., 50-60 cps AC and V5035 battery. Supplied complete with DC and AC/ohms probes and cables and ground leads, battery, and instruction book. TE-141 Shpg. wt., 5 1/2 lbs. Net 29.95
WV-77E Same, completely wired and factory-calibrated. Net 43.95
TE-142



**RCA WV-38A(K)
VOLT-OHM-MILLIAMMETER
KIT**
ONLY **2995**
KIT
EASY
PAY PLAN **43.95**
WIRED
SEE PAGE 301

Here is a new VOM by RCA that you can get either as a kit or as a factory wired instrument. A must for any kind of electronic servicing. DC voltage has 8 ranges: 0-0.25, 1.0, 2.5, 10, 50, 250, 1000, 5000 volts, with $\pm 3\%$ of full scale accuracy. DC input resistance is 20,000 ohms per volt. AC voltage has 6 ranges: 2.5, 10, 50, 250, 1000, 5000 volts, with $\pm 5\%$ full scale accuracy. Input resistance is 5000 ohms-per-volt. Frequency response, measured with reference at 1000 cps is flat within 1/2 db. from 10 cps to 50Kc for 2.5, 10, 50-volt ranges. Resistance from 0-2,000 — 200,000 — 20,000,000 ohms in three ranges. DC current has 6 ranges: 0-1-10-100-500 milliamperes, and 0-10 amps, with full scale accuracy of $\pm 3\%$. Complete with batteries, ground lead and instruction booklet. Size 5 1/4 x 3 1/8 x 6 3/8".
TE-139 Shpg. wt., 4 lbs. Net 29.95
WV-38A Completely wired and factory tested. Net 43.95
TE-140

**RCA WO-33A(K)
3" SCOPE KIT**

ONLY **7995**
KIT
129.95 WIRED



The new, extremely portable and compact WO-33A 3-inch Oscilloscope is available as a kit or as a factory-wired instrument. It will handle any black-and-white or color-TV servicing job. Lots of gain and bandwidth. Vertical amplifier has two positions. On wide band position, sensitivity is 100 rms mv/in. and bandwidth within 3 db from 5.5 cps to 5.5 Mc. On narrow band position, sensitivity is 3 rms mv/in. and bandwidth within 3 db from 20 cps to 150Kc. Has external and \pm internal sync. Sync range to 4.5 Mc. Sawtooth range from 15 cps to 75 Kc. Line sweep can be adjusted 160° phase. Vertical circuit input impedance at lo-cap cable input is 10 megohms and 10 microfarads approximately. Complete with direct/lo-cap probe and cable, and instruction booklet. Assembly instruction sheet provided with the kit. Power requirement is 50 watt at 105-125 volts, 50/60 cps. Size 6 1/2 x 10 1/4 x 8 3/4".
TE-137WX Shpg. wt., 15 lbs. Net 79.95
WO-33A Completely wired and factory tested. Net 129.95
TE-138WX



**NEW MODEL WV-98C
SENIOR VOLTOHMYST**
ONLY **6250**
KIT
79.50 WIRED

The Famous RCA Senior VoltOhmyst in easy to build kit form. Big 6 1/2" scale permits direct reading of peak-to-peak waveforms. Meter is electronically protected against burnout. Rugged 200 microamp movement with less than 1% tracking error, $\pm 3\%$ accuracy, full scale on both AC and DC. Ranges: 7, RMS 0-1.5, 5, 15, 50, 150, 500, 1500; 7 ranges p-p, 0-4, 14, 42, 140, 420, 1400, 4200; DC, 8 ranges, 0-0.5, 1.5, 5, 15, 50, 150, 500, 1500V; resistance, 7 ranges, 0-1000 meg ohms. AC input impedance of 0-83 megohm shunted by 70 μ mf to 1.5 meg shunted by 60 μ mf. Input resistance 11 megohms. Freq. Response ± 1 db 30 cps to 3 MC. Single AC-DC/ohms probe. Rugged die-cast aluminum case. With probe, shielded cable. For 105-125 V 50/60 cycles. Shpg. wt., 7 lbs.
TE-148 No Money Down Net 62.50
TE-147WX WV-98C Factory Wired Net 79.50



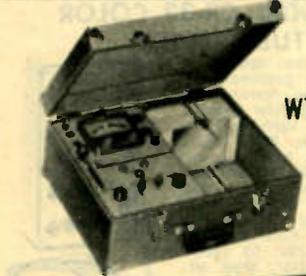
**WR-64A COLOR-BAR/DOT/
CROSS HATCH
GENERATOR**
18950

BUY ON TIME SEE PAGE 381
A combination of Color-Bar GENERATOR and DOT/CROSS HATCH Generator which is a must for checking overall operation of Color TV. Generates signals producing 10 bars of different colors simultaneously. Stable fixed number of bar and dot, patterns facilitate over-scan and linearity adjustments in both color and black-and-white sets. Features a chroma control for checking color sync lock and color AFC alignment and crystal controlled oscillators. A shielded output cable is provided. For 105-125 volts AC 60 cps. 12 1/2" W x 10" H x 7 1/2" D. Shpg. wt., 16 lbs.
TE-146WX Net 189.50



**WA-44C SINE-SQUARE
WAVE AUDIO
GENERATOR**
9850
EASY BUDGET PLAN SEE PAGE 381

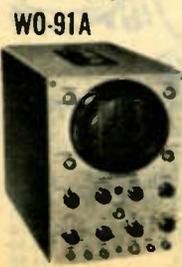
An Audio Generator, engineered for hi-fi servicemen. With the WA-44C, you can quickly locate defects in public address systems, hi-fi systems, and in the audio stages of radio and TV receivers. Features an extra-wide frequency range of 20-200,000 CPS. Simple one-scale dial for easy operation. Squarewaves are clean with less than 5% tilt. Separate 60 cps. output for intermodulation distortion measurements. Output voltage (at 100 K ohm and 75 μ mf. load). Sine wave, up to 8 volts RMS; Square wave, 10 volts P-P. Amplitude variation of output voltage at 30 cps to 100 Kcs: ± 1.5 db. Frequency stability: $\pm 2\%$. Dial calibration accuracy: $\pm 5\%$. Maximum total harmonic distortion: 0.25% from 30 cps to 15 Kcs. Maximum hum less than 0.1%. Case: 10 1/4 x 6 1/4 x 7". Shpg. wt., 10 1/2 lbs.
TE-143WX Net 98.50



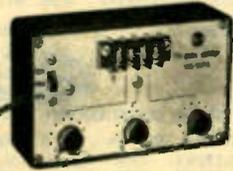
WT-110A

**WT-110A
AUTOMATIC TUBE TESTER**

All-new in approach to fast, accurate tube testing—Just insert punched card into the tester. Checks transconductance, gas, shorts, and interelectrode leakage. A complete test in a few seconds. The quality of the tube is indicated on "Renew—?—Good" meter scale. Includes set of 239 punched cards, 1 master punch card, 24 unpunched accessory cards, 1 card punch, and necessary information. For 115V, 60 cycles AC. Sturdy portable case 7 1/4 x 14 1/2 x 7 1/2". Shpg wt., 28 lbs.
TE-113WX Net 199.50
WG-325A 24 Blank Cards for WT-110A (1 lb) Net 2.25
TE-114 Net 2.25
WG-324A. Gas tube adapter for testing the tubes listed as follows: OA2, OA3, OB2, OC2, OC3, OD3, OZ4.
TE-134 Shpg. wt., 6 oz. Net 2.95



WO-91A



WG-307BK

**MODEL WO-91A
5" OSCILLOSCOPE**

5" scope for servicing color and black and white TV. Equipped with multi-scale graph screen. Dual band response: 10 cps to 4.5 MC ± 1 db or narrow band, 10 cps to 1.5 MC ± 6 db. 3-1 voltage calibrated, frequency compensated step attenuator for vert. amp. Vertical polarity reversal switch. Built-in calibration voltage. WG-300A probe supplied. For 105-125V, 50/60 cycles AC. Size: 13 1/2 x 9 x 16 1/2". Shpg. wt., 33 lbs.
TE-123WX No Money Down Net 249.50

WG-307B (K) TV BIAS SUPPLY KIT

This RCA TV bias supply is designed for use in servicing and aligning both color and Black and White sets. Provides 3 separate DC output voltages. Easy to assemble kit. For 110-125 V, 60 cycles AC. Size: 6 1/4 x 3 3/4 x 2". Shpg. wt., 1.3 lbs.
TE-149 Net 11.95

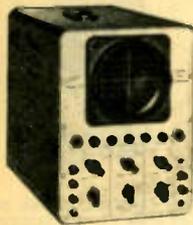
RCA ACCESSORIES

- WG-299D. DC/AC-OHMS Probe with shielded cable and coaxial connector. Shipping wt., 1 lb. Net 7.95
- TE-126
- WG-300B. Direct/Lo-Cap Probe & Cable for use with oscilloscopes. Shipping wt., 1 lb. Net 9.95
- TE-127
- WG-301A. CRYSTAL DIODE PROBE to extend range of Volt-Ohmyst to 250 Mc. Slip-on type. Shipping wt., 8 oz. Net 7.75
- TE-128
- WG-302A. RF/IF/AF/SIGNAL TRACING PROBE for use with WG-91A and WG-300G probe. Shipping wt., 8 oz. Net 8.50
- TE-129
- WG-289. HIGH VOLTAGE PROBE extends VoltOhmyst range to 50,000 volts. Shipping wt., 1 lb. Net 7.15
- TE-135
- WG-206. 1090 MEGOHM MULTIPLIER for WG-289. Shipping wt., 2 oz. Net 2.60
- TE-136
- WG-270A CARRYING CASE for WV-38A (K) Shpg. wt., 2 lbs. Net 4.95
- TE-144

HICKOK

Highest Quality Test Equipment

WIDE BAND SCOPE

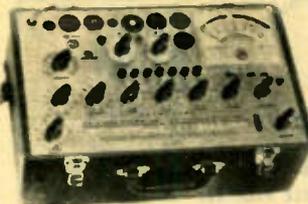


MODEL 675A

- Response out to 4.5 MC for color TV servicing

A high quality scope developed for the service technician. Illuminated, calibrated screen with astigmatic focus provides a clear trace. Freq. Response: Vert. Amp. —DC to 4.5 MC; Flat through 3.58 MC. Sensitivity 20 MV RMS per inch. Hor. Amp. 1 cps to 450 KC. Sensitivity 250 MV RMS per inch. Vertical & Horizontal Attenuator. Fully frequency compensated. 10-1 vernier gain control. Intensity Modulation, Z-Axis input on front panel. Operates on 105-125 V, 50-400 cps. 125 watts @ 115V. Furnished with low capacity probe, ground lead and instruction book. Size: 13Hx10Wx16"D. Shpg. wt., 43 lbs. **TE-274WX** No Money Down Net 299.90

DYNAMIC TUBE, TRANSISTOR and DIODE CHECKER



MODEL 800

A precision instrument featuring a new leakage and shorts test that checks leakage between tube elements up to 10 megohms. 4-5-6-7 pin octal, loctal, noval, 7 pin miniature and 2 transistor sockets are provided. Three micromho scales of 0-3000, 6,000, 15,000 are directly indicated on the meter dial. The large five inch meter is multi-colored, the multi-scaled dial is anti-static coated, and of the wrap-around design to increase light, and allow a wide scale which is easily readable. The meter contains a built in roll chart listing all popular tubes. The tester is quality built throughout and thoroughly engineered to provide the best tube tester value anywhere. Panel is gold anodized with red and black lettering. 16 3/4x11 3/4x7 1/2"D. Shpg. wt., 21 lbs. **TE-272WX** No Money Down Net 179.50

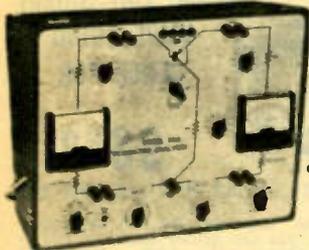
NEW DELUXE PORTABLE TUBE TESTER MODEL 6000A



- High Speed Operation
- Checks All New Tubes
- Sensitive Leakage & Shorts test

A time saving portable tube tester for both industrial maintenance and service technicians. Tests compactrons, Novars, 5 and 7-pin Nuvistors and the new 10-pin types. Replaceable plug-in master socket panel is obsolete proof. Sensitive 5" meter registers GM 0-3000, 6,000, 15,000, μmhos. Registers inter-element leakage instantly on 5 neon lamps. Push-button action for dynamic, gas and filament continuity tests. Provides "Good-Bad" quality test for NPN and PNP transistors and forward conduction efficiency tests on diodes. Constant line voltage. Built-in roll chart tests over 1000 tubes. Roll chart subscription plan. In leatherette case with detachable lid. Size: 16 3/4x11 3/4x7 1/2"D. Shpg. wt., 21 lbs. **TE-303WX** No Money Down Net 239.50

PORTABLE TRANSISTOR ANALYZER



MODEL 850P

- Ideal For "Breadboard" Use

Easy-to-use transistor analyzer is ideal for use as a "breadboard" for transistor circuit-design. Featuring a wide range of applied voltages. It can never become obsolete. Checks parameters in any of three configurations: Common Base, Common Emitter and Common Collector for either NPN or PNP types; Alpha, Beta, Rin, Rout, Ico, Iceo, Icbo, Power gain. Choice of variable output and emitter bias resistances plus "short" and "open." 2 identical input and output O.C. meters with ± 2% full scale accuracy. Battery operated. Complete with leads. Size: 8Dx16 1/2Wx13 1/2"H. Shpg. wt., 26 lbs. **TE-271WX** No Money Down Net 169.50

DYNAMIC BETA IN-CIRCUIT TRANSISTOR TESTER

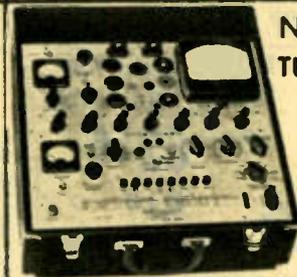


MODEL 890

- For fast, accurate troubleshooting

Hickok's Dynamic Beta In-Circuit Transistor Tester — the 890 — utilizes unique test circuit to measure AC Beta IN OR OUT of circuit with 5% accuracy. Color keyed test leads clip to the appropriate transistor leads. Measures these in-circuit parameters: AC Beta, IC, Rin, Z ohms. Measures AC Beta, IC, Rin and Icbo out of circuit. SPECIFICATIONS: Icbo measurement range, 0-5ua; Beta Ranges, 0-50, 0-100, 0-200; Collector test current, Variable from 0-10 MA; Collector test voltages, Variable 1.5V, 3.0V, 4.5V; IC Range, 0-10MA; AC test signal, 1,000 cps; Rin Transistor Range, 50-10,000 ohms; Input impedance, "Z" ohms, 100-100,000 ohms. Portable completely self-contained, fully transistorized. Complete with test leads. Shpg. wt., 12 lbs. **TE-299WX** No Money Down Net 137.50

New! LAB TUBE TESTER



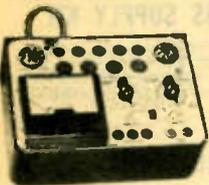
MODEL 539C

- Six Micromho Ranges

- Checks Novars, Nuvistors, Compactrons

Precision Laboratory portable tester for complete, dependable evaluation of electron tubes. Tests Novars, Nuvistors (5 and 7 pin), Compactrons, 10 pin-types. Also tests VR Tubes, selenium rectifiers and germanium diodes. Built-in replaceable roll charts. Features 6 μmho ranges: 60,000-30,000-15,000-6,000-3,000-600 for accurate Gm testing. 4 AC signals 0.25, 0.5, 1, or 2.5V RMS for the grid. Metered line voltage check. Measures and heater current in ma, and leakage to 50 megohms. Tests gas content, efficiency of cathode, tube and tube matching. For 110-125 Vac 60 cps. 16 3/4x18 3/4x7 1/2". Shpg. wt., 35 lbs. **TE-302WX** No Money Down Net 485.00

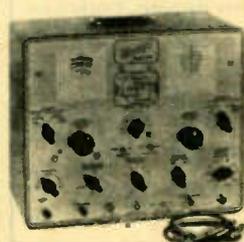
"CADDY PAL" MODEL 820



- TUBE AND CRT TESTER
- VTVM
- OHMMETER
- TRANSISTOR CHECKER

The 820 is a low cost, compact tube transistor tester and VTVM designed and engineered for the TV Serviceman. The tube-tester section employs 11 sockets, and performs the critical "fringe tests" of gas, grid emission, contact potential, leakage and shorts. Heater voltages of 2-19 volts are supplied, and provisions for 150-300-450-600 mill tubes, plus horizontal and vertical deflection types and picture tubes are also included. All readings are made directly on the meter through a V.T.V.M. circuit. The vacuum tube voltmeter ohmmeter section reads 1.5 to 750 volts in four overlapping ranges designed to place most common voltages at the center of each range. Readable to 0.02 volts. The ohmmeter is composed of three resistance ranges which cover 1 ohm to 100 megohms. The 820 transistor checker tests both PNP and NPN and features highly accurate individual tests for both high and low power types. Case is enameled steel and measures 3 1/2x8 1/2x6". Panel is grey and gold with black nomenclature. Shpg. wt., 5 1/2 lbs. All accessories including ground lead, test lead, test probe and handy tube-test data reference chart are included. **TE-270WX** No Money Down Net 99.55

TV SWEEP & MARKER ALIGNMENT GENERATOR



MODEL 615

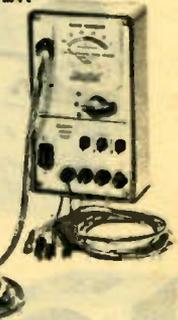
- For Black and White or Color

- For complete TV Alignment

A complete TV sweep and marker generator for visual alignment of TV receivers. Permits complete television IF and RF alignment and harmonic output on UHF. Frequency: 2.5 — 5.5 M, 19 — 50 MC, 54 — 108 MC and harmonic 108 — 216 MC. Built-in retrace blanking is controllable from front panel to provide zero base reference line. 4.5 MC crystal provides dual markers for IF or RF alignment, and very accurate 4.5 MC signal for inter-carrier sound alignment. Variable sweep width: 0-15 MC. Switching arrangement and panel connector permit internal marker mixing with FM or external marker. Portable steel case. Size: 13 1/4x16 1/4x7 1/2"D. Shpg. wt., 39 lbs. **TE-273WX** No Money Down Net 359.50

NEW MODEL CR-33 COLOR PICTURE TUBE TESTER

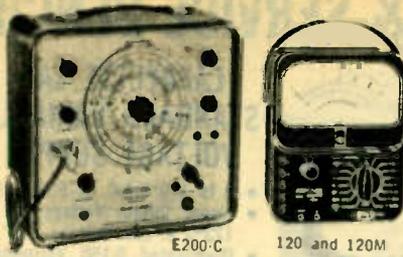
Checks color tubes right in the set. Eliminates guesswork and time consuming removal and readjustment of color controls. This compact lightweight instrument checks RED, GREEN, and BLUE gun beam currents individually; has self-contained switches for instant purity set-up; checks all three-gun color tubes including 21 AXP22(A), 21CYP22 and 21FBP22. Operates on 105-125V, 60 cycles. Size: 6 1/4x3 3/4x2 1/4". Shpg. wt., 3 lbs. **TE-304** Net 39.95



OTHER OUTSTANDING HICKOK TEST EQUIP.

| Stock No. | Mfr. No. | Description | Lbs. | Net |
|-----------|----------|------------------------|------|--------|
| TE-278WX | 455A | Industrial Multimeter | 6 | 89.50 |
| TE-280WX | 225K | Electronic VOM Kit | 23 | 69.95 |
| TE-286WX | 660 | Color Dot-Bar TV Gen | 21 | 245.00 |
| TE-287WX | 752 | Field Port Tube Tester | 27 | 315.00 |
| TE-292 | CRT | CRT Adapter | 2 | 15.75 |
| TE-296WX | 870 | Port. Tran. Checker | 21 | 355.00 |
| TE-298WX | 810 | Trans. Radio Anly. | 16 | 138.50 |
| TE-301WX | 470 | Electronic VOM | 10 | 94.95 |
| TE-300WX | 690 | VHF-UHF Marker Gen. | 34 | 362.00 |

PRECISION ELECTRONIC TEST EQUIPMENT



E200-C 120 and 120M

MODEL E200-C DELUXE SIGNAL MARKER GENERATOR

A deluxe professional instrument for reliable TV, FM, AM alignment use. Covers frequency range of 88 kc to 240 mc in 9 bands, 6 1/2" direct-reading tuning dial with 0-100 vernier drive assures accurate and easy operation. Accuracy 1% on all bands and exceptional frequency stability. 0-100% variable internal modulation. Outputs: unmodulated RF; 400-cycle modulated RF; and 400-cycle sine wave. With built-in AVC-AGC substitution voltage (variable 0-50 VDC). In deluxe steel cabinet supplied with coax output cable and illustrated manual — Servicing by Signal Substitution, 11 1/2 x 13 3/4". For 110-120 v 50-60 cps. Shpg. wt., 17 lbs.

TE-520WX Net 107.75

MODEL 120 MULTI-RANGE TESTER

Lab type, compact VOM provides a large 5 1/4" meter of 50 μa sensitivity and ± 2% accuracy. Ranges: AC/DC output volts 0-1.2-3-12-60-300-600-1200-6000; sensitivity — 20k ohm v on DC, 5 k ohm v on AC; DC current, 0-60-300 μa, 0-1.2-12-120-600 ma, 0-12 amps; ohms, 0-200-2K-200K ohms, 0-2-20 megohms; DB, —20 to +77 in 8 ranges, 1% multipliers. In custom-molded phenolic case. Complete with batteries, test leads and manual. Size, 5 7/8 x 7 3/4". Shpg. wt., 5 lbs.

TE-525 Net 44.05

MODEL 120M VOM

Designed where utmost accuracy is required. Uses 1/2% multipliers. 1% mirror-scale meter. Has polarity reversal switch. All other physical and electrical specs are same as Model 120.

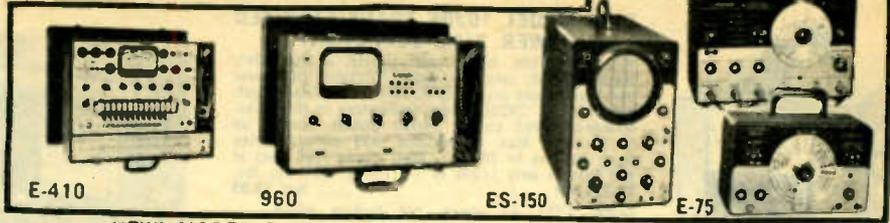
TE-526 Net 54.83

Accessories for 120 and 120M

LC-3 Leather case, ever ready type. Shpg. wt., 3 lbs. Net 10.29

TE-527 Net 10.29

TV-2B HV safety probe up to 30 KVDC. Shpg. wt., 2 lbs. Net 15.63



E-410

960

ES-150

E-75

NEW! MODEL E-410 SWEEP SIGNAL GENERATOR

Engineered for modern FM and TV visual alignment and ease of operation, it provides for fundamental sweep frequencies from 3 mc to 213 mc in five ranges. A crystal oscillator (4.5 mc crystal incl.) supplies accurate markers and built-in Marker-Adder permits marker pips without distortion of response curve. Sweep width: continuously variable from 0-30 mc. Internal blanking automatically eliminates retrace. Dual attenuator provides coarse and fine RF output. 13x8 1/2 x 7".

TE-722WX Shpg. wt., 15 lbs. Net 156.75

MODEL E-75 RF SIGNAL GENERATOR

Designed for high stability and accuracy. Frequency range 160 Kc to 120 Mc on fundamentals. 120 Mc to 240 Mc on second harmonics; total of 8 bands. TV i.f., FM and other useful frequencies specially marked on dial. IF cycle audio is used for modulation (percentage modulation continuously variable) and is available at separate output, up to 15 volts. RF output is high—over 100,000 μv. For 117v., 50/60 cps. 11 1/2 x 7 x 5".

TE-715 Shpg. wt., 9 lbs. Net 48.95

ES-150 5" WIDE BAND OSCILLOSCOPE

Deluxe scope featuring essentially flat vertical frequency response from DC to 4.5 Mc. within 5 db at 5 Mc. Vertical channel utilizes 3-stage push-pull, balanced DC amplifier—AC sensitivity 25 mv RMS/in. Cathode follower horizontal input. Linear time base; 10 cps to 100Kc, TV-V and TV-H, plus provisions for external capacitor sweep down to 1 cps. Scope includes built-in vertical polarity reversal switch, automatic pos. and neg. sync, and built in voltage calibrator. For 117v., 50/60 cps. 13 3/4 x 8 3/4 x 17 1/4".

TE-716WX Shpg. wt., 30 lbs. Net 146.95

NEW! 960 TRANSISTOR AND CRYSTAL DIODE TESTER

A comprehensive test set for practical, reliable testing of transistors and crystal diodes. Five Icbp ranges cover all types of transistors—low, medium, high power; NPN and PNP types. 17 collector potential steps from 0.5 VDC to 100 VDC. Direct-reading Beta ranges —5 separate injection circuits. 17 DC voltages for reverse current tests of crystal diodes with separate forward tests. 5 1/2" microamp-sensitivity Pace meter. High speed geared roll chart. Portable case with compartment and hinged, removable cover. 18x10 1/2 x 6 1/4".

TE-723WX Shpg. wt., 15 lbs. Net 107.75

MODEL 10-60 ELECTRONIC TUBE AND TRANSISTOR TESTER

An advanced industrial-type instrument that tests tubes over complete path of operation. Tests all modern tubes including sub-miniatures; filament voltages from 0.75 to 117 volts; low voltage short-circuit guards against damage to tubes; 5-window geared roll chart. Checks TV picture tubes. Transistor and crystal diode testing in accordance with leading semi-conductor manufacturers—0.5 VDC to 160 VDC in 22 steps; wide-spread Icbp ranges. 20x15x7". 110-120 VAC, 50-60 cycle.

TE-521WX Shpg. wt., 25 lbs. Net 232.21

MODEL 48 VTVM. (Not illustrated). Versatile, rugged all-purpose VTVM. Full vision 4 3/4" Pace meter. 117v., 50-60 cps. 5 3/8 x 7 1/2 x 4 1/4".

TE-554 Shpg. wt., 6 lbs. Net 54.83

MODEL 650 GRID CIRCUIT ANALYZER TUBE TESTER. (Not illustrated). Leatherette covered portable carrying case. 9x13x4 1/2".

TE-553 Shpg. wt., 9 lbs. Net 68.55

SENCORE TEST EQUIPMENT



TC-114

TR-115

TR-110

SM-112

TC114 "MIGHTY MITE II" TUBE TESTER

Tests all the latest tubes, including Compactrons, Sylvaia Ten Pins, RCA Novars and 5 pin Nuvistors, plus picture tubes. Checks shorts, leakage and emission for twice as many tubes as can be checked by other, comparably-priced testers. Dimensions: 10 1/4 x 9 1/2 x 3 1/2". Shpg. wt., 9 lbs.

TE-568 Net 73.01

MODEL TR115 TRANSISTOR CHECKER

New, versatile transistor checker designed against obsolescence. Tests transistors for opens, shorts, leakage and current gain; includes current gain test for power transistors. Equipped to handle all new Beta transistors. Checks forward-to-reverse current ratio in all crystal diodes and in selenium rectifiers. Replaceable test charts attached on rear. With test leads for fast hookup. 4 1/2 x 5 x 2 1/4". Shpg. wt., 2 lbs.

TE-569 Net 24.45

TR-110 TRANSI-MASTER

A complete transistor checker, signal tracer, voltmeter, battery tester and milliammeter all in one! Tests all transistors in-circuit with a new, unique AC GAIN check, and out of circuit with a more accurate DC gain and leakage check. Special generator provides an audio or modulated RF signal to permit signal tracing from speaker back to antenna. Voltmeter with 12 volt scale can check batteries and voltage dividers under operating conditions. Milliammeter with 0-50 ma scale can monitor circuit current drain. Powered by 2 size "C" batteries. 8 7/8 x 3". Shpg. wt., 6 lbs.

TE-565 Net 58.31

NEW! SM112 COMBINATION VTVM—VOM

For the first time, deluxe VTVM with laboratory accuracy for 115 VAC, which can become a portable VOM at the flick of a switch! Six AC and DC ranges from 0 to 1000 volts on both VTVM and VOM. VTVM has 6 peak-to-peak ranges and 6 resistance ranges, from 6 to 1000 megohms; constitutes 10 megohm load. VOM has 2 resistance ranges from 0 to 1 megohm, plus a current scale from 0 to 1000 ma DC; constitutes 15,000 ohm load on low range, 5 megohm load on high range. SM112 uses one 1.5 "D" cell. Size: 7 1/2 x 8 3/4". Shpg. wt., 8 lbs.

TE-655 Net 68.55

MODEL H36 R-C SUBSTITUTOR

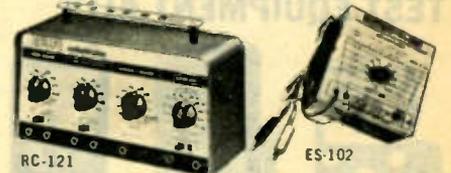
Now at your fingertips, 36 most often needed components with this handy substitution unit. Contains: 12-1 watt 10% resistors, 10 to 5600 ohms; 12-1/2 watt 10% resistors, 10K to 5.6 megohms; 10-600 volt capacitors, 100 mfd to .5 mfd, 1-10 mfd 450 v electrolytic; 1-40 mfd 450v electrolytic. Three-pole, 12-position switch selects each component individually. Size: 2 1/4 x 3 3/4". (Not illustrated)

TE-558 Shpg. wt., 2 lbs. Net 12.49

SS-105 SWEEP CIRCUIT TESTER

Provides a universal horizontal oscillator for direct substitution with variable output from 0-200 volts, peak-to-peak. Checks the condition of horizontal output tube and associated components with horizontal output cathode current. Provides a universal deflection yoke to determine vobe failure accurately. Will indicate condition of flyback transformer. Also a direct-reading voltmeter, 0-1000V, and a universal vertical oscillator. Size 7 x 6 x 3 1/2". Shpg. wt., 6 lbs. (Not illustrated)

TE-559 Net 41.99



RC-121

ES-102

NEW! RC121 COMPONENT SUBSTITUTOR

Provides a complete range of carbon resistors, power resistors, capacitors, electrolytics and rectifiers for on the spot substitution. Each component can be used independently of the other. Over 25 combinations of capacitor values can be substituted by using the electrolytics as duals, singles or paralleling them to double capacity. Exclusive Surge Protector prevents any arc, spark, or heating of capacitors being bridged. Automatically discharges both electrolytics when released. Complete with four test leads. 10x5x4".

TE-658 Shpg. wt., 5 lbs. Net 39.15

ES-102 ELECTRO-SUB

Checks all electrolytic capacitors in seconds, merely select the electrolytic and substitute it. 10 big electrolytics from 4 to 350 mfd to substitute safely in any circuit from 2 to 450 volts. Automatic capacitor discharge within seconds, unique surge protector circuit prevents accidental heating of capacitor being "bridged," completely safe. Size: 4 3/4 x 2 1/4 x 4 3/4". Shpg. wt., 3 lbs.

TE-555 Net 15.63

HG-104 TRANSISTORIZED HARMONIC GEN.

Automatically generates audio, IF, and RF signals simultaneously. Effective in troubleshooting tube radios, hi-fi, TV and other audio circuits. Size: 4 1/2 x 3 3/4 x 2".

TE-557 Shpg. wt., 2 lbs. Net 9.75

Model TM-116 Tube Tester Adapter. For Latest Tubes

TE-656 Shpg. wt. 2lbs. Net 24.45

OTHER SENCORE TEST EQUIPMENT

TE-556 PS-103 Transi-Pac Shpg. wt., 2 lbs. 19.55

TE-564 RS-106 Rectifier Tester Shpg. wt., 2 lbs. 12.49

TE-653 FS-3 Fuse Tester Shpg. wt., 1 lb. 8.77

TE-657 BE-113 Dual Align-O-Pak Shpg. wt., 2 lbs. 12.51

POWER SUPPLIES for the LABORATORY & SERVICE BENCH



EICO MODEL 1020K TRANSISTORIZED POWER BIAS SUPPLY KIT

Highly versatile, stable and reliable. A completely transistorized, very low ripple, portable DC power and bias supply providing continuously variable output voltages. 2N256 power transistors in the transformer-operated circuit permit output voltage up to 30 volts. Max. permissible load current varies from 150 ma to 300 ma. Max. ripple (120 cps) at full load is only 1/200 of 1%. Shpg. wt., 4½ lbs. TE-224 Kit Net 19.95

Model 1020. As above, but factory wired. TE-225 Net 27.95

EICO MODEL 1073K METERED VARIABLE AC BENCH SUPPLY KIT

A deluxe bench supply which is invaluable for production line testing, quality control, and service work. Adjustable linear output voltage, 0-140 VAC from 120 VAC power line input. 2 current ranges: 0-1, 0-3 amperes. Range may be switched under load. For 120 VAC 60 cps. Size: 8½x5½x7" D.

TE-264 Kit Shpg. wt., 9 lbs. Net 35.95
Model 1073. As above, but factory wired and tested. TE-265 Net 47.95

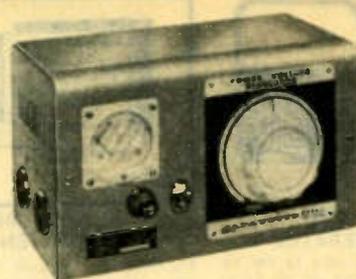
EICO Model 1078 similar to Model 1073 with these added characteristics. Operates on 50/60 cps. Current range: 0-2 ½, 0-7 ½ amps.

TE-266 Kit Net 42.95
Model 1078, as above, but factory wired & tested. TE-267 Net 54.95

ELECTRO EC-1 DC POWER SUPPLY

A quality compact bench-type power supply, takes up only 4½" on your bench. Well filtered. Ideal for auto radio, transistor portable servicing, and as a low cost reliable DC voltage source. 4-position voltage adjustment switch (to 12V DC) including "off" position. 5 amps output continuous ripple — less than 0.5% @ 5 amps. Pilot lamp, carrying handle. For 117V 50/60 cycles. Size: 10¾x4¾x6¾" D.

TE-672 Shpg. wt., 12 lbs. Net 29.95
Model EC-2 Similar to EC-1 but with combination voltmeter/ammeter, 16 volt output. TE-673 No Money Down Net 39.95



LAFAYETTE LAB STANDARD VARIABLE VOLTAGE SUPPLY

- 0 to 140 V.A.C. at 500 Watts
- Linear Output Voltage Up to 123% of Line Voltage
- Illuminated 0-150 Voltmeter, Accurate to ± 1% of Full Scale
- Regulation ± 0.6% at 75 Watts, 3.0% at 500 Watts

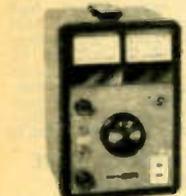
An exceptionally accurate, highly efficient, smooth variable voltage control. Continuously adjustable voltage from 0 to 140 Volts from A.C. power line. Ruggedly encased for front-panel, behind-panel, wall or bench mounting. Illuminated meter reads 0-150V with an accuracy of 1% of full-scale. Output under maximum load is linear up to 123% of line voltage. Regulation ± 0.6% at 75 watts, 3.0% at maximum. Ideally suited to laboratory, inspection, classroom, servicing, motor control, soldering, light dummy, any application where a source of variable voltage is required. Compact design, measures only 9¾x14¾x5½"H. Max. output, no load, 142 V RMS. Operates from 117 V., 50-60 cycle line. Fused at 5 amps. Duplex, 2 prong output receptacles. 6 ft., 2 wire line cord. Shpg. wt., 13 lbs. Imported TR-114 Net 19.75

ELECTRO PS-3 REGULATED TRANSISTORIZED POWER SUPPLY

High degree of filtering and wide range of regulated output make the "PS-3" an excellent power source for transistor circuit design or bias supply for vacuum tube circuitry. 2% accuracy meter monitors both voltage and current. SPECS: Output voltage, 0-25 VDC; output current 0-200 MA (0-15VDC) & 0-100 MA (15-25 VDC); ripple: Less than 1 mV RMS @ rated output; Load regulation: 100 MV max. Fused for overload protection. Neon pilot light. For 110-130V, 60 cps AC. Size: 6½x5x6"D.

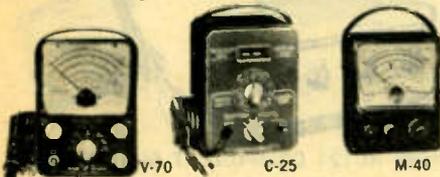
TE-674 Shpg. wt., 5 lbs. Net 79.50

UP TO 24 MONTHS TO PAY SEE PAGE 381



PACO

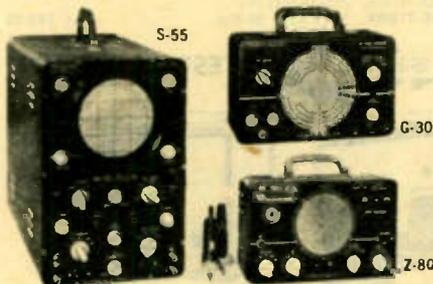
TEST EQUIPMENT KITS



MODEL V-70 VTVM KIT
7 DC and RMS AC voltage ranges to 1500 volts. 7 peak to-peak voltage ranges to 4000 Volts. 7 ohmmeter ranges to 1000 megohms. Special PACE 5" acrylic cased meter. Attractive, easy-reading two color panel. Rugged ripple-finished steel cabinet, size 7½x5½x4¼". Complete with all parts and instructions. TE-455 Shpg. wt., 6 lbs. Net 31.95
Model V-70W, as above, but factory wired. TE-456 Shpg. wt., 8 lbs. Net 49.95
TE-457. AV-1 HF Crystal Probe for above 1 lb Net 6.95
AV-2 High Voltage Safety Probe. Permits reading up to 60,000 V. Shpg. wt., 1 lb. Net 6.95
TE-458 Net 6.95

MODEL M-40 V. D. M. KIT

Highly sensitive V.O.M. for the radio-TV service shop, classroom, or in communication and electronic maintenance. Accurate, reliable, long-lived performance is assured by careful selection of components and expert engineering. 1% Deposited-film and wire-wound resistors used throughout. The unit offers high sensitivity of 20k ohms/v DC, 10k ohms/v AC. Features 4% 50 µ-amp meter with ± 2% accuracy. Ranges: DC volts, 0-1.5-6-30-150-600-1500-6000; AC volts, 0-3-12-60-300-1200-3000-12000; DC Current, 60 µ amp, 0-1.5-15-150 ma, 0-1.5-15 amps; Ohms, 0-2000-200K-20 meg. In molded phenolic case. Complete with detailed instruction manual Size, 5¼"x6¾"x2¾". Shpg. wt., 4 lbs. TE-480 Net 31.95
Model M-40W. As above, but factory wired. TE-481 Net 39.95
AM-1 HV Probe. For M-40 Permits reading to 30,000 V. TE-482 Shpg. wt., 1 lb. Net 6.95



NEW MODEL C-25 IN CIRCUIT CAPACITOR TESTER KIT

A new time saving trouble-shooting instrument for the service bench. Quickly detects open or shorted by-pass, coupling, and blocking capacitors without removing them from the circuit. The PACO Capacity Dial makes possible a direct in-circuit test of electrolytic capacitors by reading the capacitance right from the instrument dial. Tests electrolytics from 2 to 400 mfd in two ranges. Rugged ripple-finish steel cabinet with attractive two-color panel. Dimensions 7½" x 5¾" x 4¼". Shpg. wt., 6 lbs. TE-453 Kit Net 19.95

Model C-25W, as above, but factory wired. TE-454 Net 29.95

MODEL S-55

WIDE BAND OSCILLOSCOPE KIT

A deluxe, laboratory-type instrument covering the entire range between DC and 5Mc. Ideal for color TV. Vertical channel. Sensitivity 70 mv/in for DC and 25 mv RMS/in for AC. Frequency response within 3 db to 4.5 Mc for DC and AC. Horizontal channel: Sensitivity: 0.6 V RMS/in. Frequency response within 3 db to 400 Kc. Cathode follower horizontal input circuit. Linear time base, automatic positive and negative sync, built in peak-to-peak voltage calibrator. In toured steel cabinet with two-color easy reading panel. For 117V., 50/60 cps. Size 13¾x8¾x17¼". Shpg. wt., 30 lbs. TE-478W Kit Net 95.95
Model S-55W, as above, but factory wired. TE-479WX Net 155.95
AS-1 Scope Probe Set. Includes 10/1 LO-Cap, crystal demodulator, shielded direct probes. Shpg. wt., 2 lbs. TE-477 Net 15.95

MODEL B-10 BATTERY ELIMINATOR AND CHARGER KIT

Features built-in low-ripple L/C filter. Output continuously variable, 0-8 and 0-16 VDC, available at both standard and low-ripple (less than 0.3%) terminals. Standard output current capacity on 6-volt range: 10 amps continuous, 20 amps intermittent; on 12 volt range, 6 amps continuous, 12 amps intermittent. Low-ripple output current capacity is 5 amps at 6 and 12 VDC. Two DC meters monitor voltage and current. Circuits are protected against overload by both a thermo-relay and a fuse. Size: 11½x7x5". For 117 VAC, 50-60 cps. TE-463 B-10 Kit. Shpg. wt., 21 lbs. Net 43.95
TE-464 B-10W Factory wired ready to operate Net 53.95

MODEL Z-80 RF-AF SIGNAL TRACER KIT

Here is a most unusual and versatile signal tracer kit of exceptional value. Designed for use with AM, FM, TV and audio circuitry, its extra-high gain enables direct tracing of the actual signal at the receiver antenna input terminals. Has both visual and aural indicators plus output terminals for use with VTVM or scope. Other features include: noise test circuit; wattmeter circuit; test amplifier; substitute speaker and output transformer; fine and coarse attenuators; also 2-way AF-RF shielded probe with built-in selector switch. Complete with detailed instruction manual for easy assembly. In attractive steel cabinet. Size: 11½" x 7" x 5". For 117v, 50/60 cps. TE-473 Shpg. wt., 10 lbs. Net 32.95

Model Z-80W. As above, but factory wired. TE-474 Shpg. wt., 12 lbs. Net 47.95

MODEL G-30 RF SIGNAL GENERATOR KIT

A deluxe unit in every respect but price. Conservative engineering and the use of high quality components throughout assure stable and accurate performance. Ideal for all TV, FM, AM, audio testing and servicing work. Frequency range: 160 kc to 240 mc in 8 bands; to 120 mc on fundamentals. Outputs—Over 100,000 µv RF; Up to 15v, 400 cps audio; Modulated RF. Front panel control for variable modulation. 2-step attenuator. Supplied with complete instruction manual for easy assembly. In attractive steel cabinet. Size 7x11½x5". For 117v, 50/60 cps. Shpg. wt., 9 lbs. TE-470 Net 32.95

Model G-30-PC. Same as above, but with the entire "front end" tuned circuit pre-calibrated and pre-wired. TE-472 Net 39.95
Model G-30W. As above, but factory wired. TE-471 Net 44.95

LAFAYETTE OFFERS OUTSTANDING TEST EQUIPMENT VALUES

SENIOR V.T.V.M. With 6 1/2" METER



Not a Kit . . .
This is a
completely wired
and calibrated
instrument

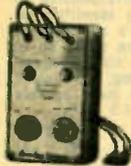
29³⁵

- ±3% Accuracy of Full Scale
- Giant 6 1/2" Meter Face
- Direct Reading DB Scale

COMPARE THESE FEATURES

D.C. VOLTMETER. Ranges 0 to 3, 30, 150, 300, 1500 volts. Accuracy ± 3% of full scale. Input resistance: 11 megohms. ZERO CENTER VOLTMETER (for discriminator alignment) Ranges 0 to 1.5, 15, 75, 150, 750 volts. Accuracy ± 3% of full scale. Input resistance: 11 megohms. AC VOLTMETER. RMS RANGE: 0 to 3, 39, 150, 300, 1500 volts. Peak to Peak Ranges: 0 to 8, 80, 400, 800 volts. Accuracy ± 3% of full scale. OHMMETER: Ranges 0 to 1000 megohms (5 overlapping ranges). Center scale values: 10, 100, 1000, 100,000 ohms. 10 megohms. DECIBEL METER (for all audio measurements) Ranges: -10 to +5, +6 to +25, +26 to +45 decibels. All bases on zero Db. at 1.73 volts on 500 ohm line. Pilot light indicates when unit is "on." Complete with D.C. V.T.V.M. probe and cable plus pair of standard test leads. Housed in a rugged grey high-impact case, with color matched etched aluminum panel and portable handle. Size: 5 1/2"x7 1/2".
TE-500 Shpg. wt., 6 lbs. Net 29.35

PARALAN IN-CIRCUIT TRANSISTOR TESTER



This amazing instrument can check all types of transistors (including power types), while they are still soldered in their respective circuits! Checks for shorts, open circuits, leakage, oscillation and comparative gain. Will test diodes and rectifiers of all

types, and indicate whether a transistor is a PNP or NPN type. The in-circuit transistor checker comes complete with insulated test leads marked "emitter", "base", "collector", and is powered by two standard penlight cells (included). Ready to operate—test leads are connected to their respective transistor elements, and condition of the transistor is shown by neon indicators on front panel. Unit is extremely compact—only 6 1/4"x3 3/4"x2 3/4".
TE-502 Shpg. wt., 1 1/2 lbs. Net 15.95

Replacement batteries for above (2 required)
BA-155 Net ea. .095

SECO TEST EQUIPMENT



GCT-9S GRID CIRCUIT TUBE TESTER
Easy to operate — tests for Grid Emission, leakage, shorts and gas in one operation. Checks all TV tubes. For 105-120V 60 cycle AC. Size 6 1/2"Wx6 1/2"Hx2 1/2"D. Shpg. wt., 4 lbs. Net 32.29

MODEL 100 DYNAMIC TRANSISTOR CHECKER
Tests PNP and NPN transistors in or out of circuit. Provides positive check for "opens," shorts and gain using indicator lamp. Powered by one 1.5V "C" cell. Size: 3 1/4"Wx6 1/4"Hx2 1/4"D. Shpg. wt., 1 1/2 lbs. Net 19.55

20,000 OHMS-PER-VOLT V.O.M. GIANT 6 1/2" METER

- Giant 6 1/2" Meter
- Mirrored Scale
- Hi-Impact Styrene Case

29³⁵

NO MONEY DOWN



A V.O.M. with laboratory quality features such as a mirrored scale and use of selected resistors to assure accurate reading on all ranges. SPECS: 6 D.C. Voltage ranges 0-3000 volts @ 20,000 ohms per-volt; 6 A.C. voltage ranges, 0-3000 V @ 5,000 ohms-per-volt; 5 resistance ranges, 0-200,000 ohms, 0 to 2/20 megohms; 5 D.C. current ranges 0-7.5 amperes; 3 DB ranges: -6db to +52db. Complete. Fully wired and tested with operating instructions and test leads. Size: 4 1/2"x6 1/2"x7 3/4". Shpg. wt., 4 lbs. TE-503 Net 29.35

I. H. 8" TELE-CHECK

- Check TV Yokes & CRTS

44⁹⁵

No Money Down



Model CR-118 is a portable CRT substitution unit ideally suited for home or service shop use. Quickly locates and identifies CRT and Yoke troubles. Completely self-focusing: no lon trap needed. Complete with 8XP4, 90° yoke, 6-foot CRT socket extension leads and anode-yoke connecting leads. For electrostatic or electromagnetic TV receivers. Size 9 1/4"x12 1/2". Shpg. wt., 11 1/2 lbs. TE-501 No Money Down Net 44.95

CR-168 same as CR-118 but with 8YP4 and 110° universal yoke. Shpg. wt., 12 lbs. TE-725 No Money Down Net 54.50

Model CR-168S same as CR-168 plus universal test speaker. Shpg. wt., 13 lbs. TE-726 No Money Down Net 64.50

EBY POCKET TESTER



Measures only 3x4x1 1/4", yet this amazing unit is 8 instruments in 1. Measures AC-DC volts from 0-1000 on low range. High (50KV) Range makes it ideal for measuring high voltage. Uses include: T.V. signal tracer, a condenser tester, a variable frequency audio oscillator, AGC substitute voltage supply, a visual output meter for alignment work, and continuity tester. Complete with instructions. Shpg. wt., 3 lbs. TE-626 Net 5.95

EMICO PLUG-IN LINE VOLTAGE TESTER



Pocket-sized low cost AC line voltage tester. Eliminates guesswork. Permits accurate instantaneous check of line voltage AT THE RECEPTACLE. Easy to read black-on-white scale has 5-volt graduations between 50 and 150 volts. Swivel head rotates 90° for ease of reading in any position. 2" meter has a damped movement accurate to within 5% at full scale. Rugged black steel case. Shpg. wt., 8 oz. TE-627 Net 3.37

COMBINATION SIGNAL GENERATOR AND SIGNAL TRACER

- Signal Generator: 250 KC to 120 MC
- Signal Tracer: Front Panel Output for VTVM, Scope or Probes
- Separate R.F. & Audio Signal Probes
- Uses Rugged Industrial Type Tubes



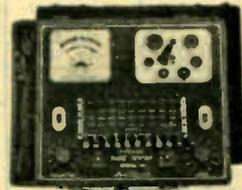
Two Instruments in One for only

27⁸³

No Money Down

A remarkable value—two service units which can be used separately or in conjunction with each other. Signal generator functions as a full service unit with a range of 250 kilocycles to 120 megacycles. Uses a stable electron coupled R.F. oscillator and has an attenuator for both RF and Audio circuits. All popular frequencies are marked in color. The Signal Tracer uses a high gain cascode preamplifier with front panel outputs for use with VTVM, scope or phones. Low distortion triode output stage with attenuator. Powerful 4 1/2 PM speaker. Separate probes for R.F. and Audio Signal Tracing. Size: 7 1/2"x9 1/2"x5 3/4". Shpg. wt., 9 lbs. TE-504 No Money Down Net 27.83

SUPERIOR 85 TRANS-CONDUCTANCE DYNAMIC TUBE TESTER



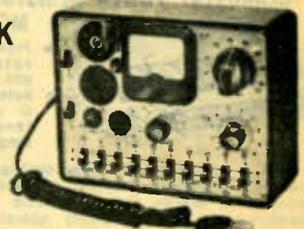
- TESTS OVER 1000 TUBE TYPES
- USES TIME-SAVING SYMBOLS

51⁴⁵

No Money Down

Employs latest improved trans-conductance circuit — tests tubes under simulated operating conditions. Amplification factor, plate resistance and cathode emission are all correlated in one meter reading. Scientifically selected symbols are used in place of difficult-to-remember letters to speed up element switching step. "Free-Point" lever type element switch assembly permits application of test voltages to any of the elements of a tube. Improved type meter with sealed air-damping chamber provides accurate, vibrationless readings. Spring return safety switch; 7 and 9-pin tube straighteners; circuit tests for shorts and leakages up to 5 megohms; chart with over 1,000 modern tube types. Housed in handsome portable cabinet with slip-on cover. 16 1/4"x14 7/8". Shpg. wt., 7 lbs. TE-515 Net 51.45

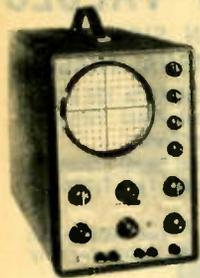
EMC 211K TUBE TESTER KIT



14⁶⁰

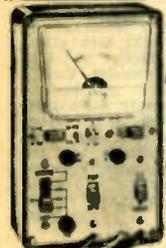
One of the most compact completed flexible tube testers available in kit form. It checks all octal, loctal, 9 prong and miniature tubes for shorts, leakages, opens, intermittents as well as for quality. Also checks magic eye, VR tubes, and new Nu-vista tubes. Each section of multipurpose tubes is checked separately and quality test is read directly on a two color meter using the standard emission test. Size: 6 3/4"x5 1/4"x2 1/4"D. Shpg. wt., 3 lbs. Complete with instructions and tube chart manual. TE-630 Net 14.60

LAFAYETTE CARRIES ALL LEADING BRAND NAME TEST EQUIPMENT



NEW EICO MODEL 427-K
5" GENERAL PURPOSE OSCILLOSCOPE KIT
69.95
NO MONEY DOWN

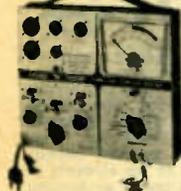
A general purpose oscilloscope employing advanced circuitry. Features direct-coupled push-pull vertical amplifier. Response flat from DC to 500KC, -6 db @ 1MC. 4-step plus CAL vertical attenuator. Sensitivity 10 mv p-p. Horizontal Amp. response flat from 2 cps to 450KC. Intensity, Focus and Astigmatism controls on the front panel. Voltage calibrator for peak-to-peak measurements. Sweeps 10 cps to 100 kc. With Tubes. 105-125V 60 cps AC. 8 1/2" x 12 1/2" x 16 1/4" D. Shpg. wt., 26 lbs.
 TE-305WX Net 69.95
 TE-306WX As above, but factory wired Net 109.95



NEW EMC MODEL 212 TRANSISTOR ANALYZER KIT
13.23

Battery powered, checks all transistors for beta in 3 ranges to 200; leakage on 3 colored scale; as current amplifiers. Tests all transistors in circuit without removing them. Can be used to signal trace AF, I.F. or R.F. circuits. Also measures batteries voltage on 0-12 volt peak and DC current drain on 0-80 milliamperes scale. Checks condition of diodes. Supplied with test leads and instructions. Size: 3 3/4" x 6 1/4" x 2" D. Shpg. wt., 2 lbs.
 TE-631 212 Kit Net 13.23
 TE-632 As above, but factory wired Net 18.13

NEW! TUBE AND CIRCUIT TESTER
29.95 NO MONEY DOWN



- Tube Checker Checks approximately 2000 Tubes
- Handy VOM For Circuit Testing

Satisfy your every need. Checks approximately 2000 tubes for emission, shorts and leakage. Front panel function switch converts it to a handy volt-ohm meter for circuit testing. Three voltage ranges for fast circuit testing, either AC or DC — 0 to 1200 volts. Measures resistance up to 5 megohms — completely self-contained. Easy to follow set-up booklet included, clips on back of unit. Measures 7 1/2" x 9 3/8". Shpg. wt., 5 lbs.
 TE-679 Net 29.95

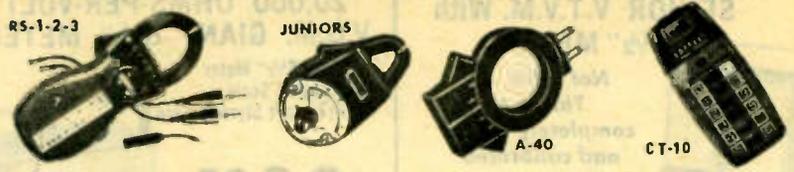
CLAROSTAT POWER RESISTOR DECADE MODEL 240C



- Provides ohmage values from 1-999,000
- Determines known or unknown resistance value by simply dialing

A must in electronic work when dealing with known or unknown resistances. Provides a permanent source of resistors in exactly the right value. Consists of 6-resistance decades identically operated in 1 ohm increments to provide readings from 1-999,999 ohms. Determines known or unknown resistances. Tolerance 2% for all decades but No. 1 — 5%. Max. power dissipation: 1000V DC or 660V AC per decade. Max. current rating from 0.005 amp to 5.0 amps. Uses Clarostat GREENHOHM Wire-wound ceramic resistors supplied with 2-sets of terminals for banana-plug, spade-lug or plain wire connections. Specially designed cabinet provides adequate ventilation. Size: 13 1/8" x 7 1/2" x 5 1/2" H. Shpg. wt., 14 lbs.
 TE-678WX No Money Down Net 110.00

AMPROBE "SNAP-AROUND" AC VOLT-AMMETERS



Amprobe meters measure AC current and AC voltage without breaking the circuit. To measure current, snap the trigger-operated jaws around single conductor. Meter instantly indicates correct reading. Use furnished safety leads for voltage measurements. Rotary scale shows only scale in use. Pointer lock "freezes" pointer for subsequent reading of indication. Recessed selector knob permits one-hand operation. Insulated jaws and insulated case provide extra protection. Accurate to ± 3%. Designed for 60 cycle circuits. Have impact-proof cases, unbreakable plastic magnifying meter window. Uses printed circuit design, self-shielded meter movement. Shpg. wt., approx. 2 lbs.

AMPROBE JUNIORS
 Lighter duty, smaller versions of standard Amprobes. Will measure up to 1/2" dia. conductors 4 3/4" long, 1 3/8" thick, 2 1/2" wide. 1.8" long scale. Rugged construction with ribbed, non-slip case. Shpg. wt., 1 lb. for 60 cycle AC.

AMPROBE RS-1
 This meter features six ranges; AC AMPS: 0-5-15-40-100, AC Volts 0-150-600. Measures up to 1 1/4" dia. conductors, to 1 3/4" x 1/2" bars, 7 1/2" long, 2 3/4" wide, 1 1/2" thick. Scale length 2 1/4". Includes genuine top-grain cowhide leather case. Shpg. wt., 2 lbs.
 TE-607 Net 39.85

AMPROBE RS-2
 This meter is substantially identical to model RS-1 except has 0-150-300 volts AC range. Shpg. wt., 2 lbs.
 TE-608 Net 39.85

AMPROBE DELUXE RS-3
 Extra versatile probe also includes 0-2000 ohm range, 25 ohms midscale. AC Volts ranges 0-150-300-600, AC Amps 0-5-15-40-100-300. Includes case, ohmmeter, battery attachment and voltmeter leads. Shpg. wt., 2 lbs.
 TE-609 Net 52.50

CARRYING CASES
 Genuine top-grain cowhide leather. Model C — for RS-1, RS-2 and RS-3. Shpg. wt., 12 oz. Net 4.00
 Model P1 for all junior models. Shpg. wt., 12 oz. Net 2.85
 Model TP Leather Carrycase for CT-10 Cable Tracer Shpg. wt., 12 oz. Net 3.50
 TE-638

| STOCK NO. | MODEL | AC AMPS | AC VOLTS | NET PRICE |
|-----------|-------|---------|-----------|-----------|
| TE-613 | Y10 | 0-10 | 0-125-250 | 19.85 |
| TE-614 | Y25 | 0-25 | 0-125-250 | 19.85 |
| TE-615 | Y50 | 0-50 | 0-125-250 | 19.85 |
| TE-616 | Y100 | 0-100 | 0-125-250 | 19.85 |
| TE-617 | Y525 | 0-25 | 0-150-600 | 19.85 |
| TE-618 | Y550 | 0-50 | 0-150-600 | 19.85 |
| TE-619 | Y500 | 0-100 | 0-150-600 | 19.85 |

MODEL A-40 AMPROBE ENERGIZER
 This unit performs 3 functions: By connecting between appliance being tested and power source, the "Energizer" "splits" two conductor cables, permits clamping of jaws around one conductor. Current can be measured either directly or with a 10X increased sensitivity for precise readings on small appliances and motors. It has receptacles for connecting to voltmeter leads, thus measuring voltage under full load conditions.
 TE-620 Shpg. wt., 1/2 lb. Net 3.75

NEW AMPROBE CT-10 CABLE CHASER
 Revolutionary new cable tracer permits searching and identifying up to 10 separate circuits simultaneously (without aid). Numbered panel lights corresponding to station blocks light up to unmistakably identify conductors. Completely self-powered, there's no needless handling of wires. Accommodates all wire sizes; up to #10 directly and clip leads for larger sizes. Rugged case with ribbed sides for easy handling, 10 station markers and 3 alligator clip test leads make up this complete instrument. Battery operated, 1.5 volts.
 TE-637 Net 39.50
 BA-230 Mercury battery for above Net .51

CORNELL-DUBILIER



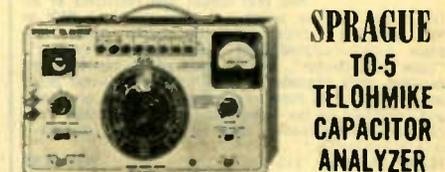
"HANDICHECK" "IN CIRCUIT" CAPACITOR CHECKER MODEL BF-90
 Provides the serviceman with a rapid means to quickly determine the condition of a capacitor without removing it from the circuit. An electron ray indicator tube registers open, short, or intermittent conditions for capacitors from 30 mfd to 2000 mfd. Size 5 1/2" x 7" x 10". Shpg. wt., 8 lbs.
 TE-620 Net 40.91

CAPACITANCE DECADES
 All units rated 600 VDC; 220 VAC. No.'s TE-601-2-3-4 use oil impregnated paper capacitors; TE-600 uses mica dielectric capacitors. Tolerances: TE-602, 604 ± 3%; TE-600, 601, 603 ± 5%. Size: 3 3/4" x 5 1/2" x 3 1/2". Shpg. wt., 4 lbs.

| Stock No. | Mfg. Type | Range Mfd. | Mfd./Step | Net |
|-----------|-----------|------------|-----------|-------|
| TE-600 | CDA-5 | .0001-.011 | .0001 | 13.92 |
| TE-601 | CDB-5 | .01-1.1 | .01 | 13.92 |
| TE-602 | CDB-3 | .01-1.1 | .01 | 16.02 |
| TE-603 | CDC-5 | 1.0-10 | 1.0 | 24.16 |
| TE-604 | CDC-3 | 1.0-10 | 1.0 | 26.70 |

RESISTANCE DECADES
 Two hand rotary switches enables decade to take on 110 values of resistance. Units can be used individually or in series of two or three. Shpg. wt., 3 lbs.

| Stock No. | Mfg. Type | Range Ohms | Ohms/Step | Net |
|-----------|-----------|------------------|-----------|-------|
| TE-623 | RDA | 1-110 | 1 | 15.04 |
| TE-624 | RDB | 100-11,000 | 100 | 15.34 |
| TE-625 | RDC | 10,000-1,100,000 | 10,000 | 15.34 |



SPRAGUE TO-5 TELOHMIKE CAPACITOR ANALYZER
 A moderately priced instrument for complete analysis of all types of capacitors at a guaranteed accuracy of ± 3% for values to 200 mfd. and ± 5% from 200 mfd up. Capacitance bridge measures capacity in five ranges from 1 mfd to 2000 mfd, with pushbutton range selection. Large meter directly indicates insulation resistance up to 20,000 megohms for paper, ceramic and mica capacitors. Wien bridge measures power factor of electrolytic capacitors from 0 to 55% in three ranges. Leakage current of electrolytic capacitors measured directly on meter, with continuously variable test voltage up to 600 volts. Pushbuttons are color coded. Upon release of all buttons, capacitor is automatically discharged. In addition, this unit measures turns ratio of transformers. Two tone finish, 8 7/8" x 14 1/8" x 6 1/2". Shpg. wt., 18 lbs. with manual and test leads for 115 V AC/50-60 cycles.
 TE-490WX Net 92.50
 TO-5X, for 115-230VAC/25-60 cycles.
 TE-491WX Shpg. wt., 18 lbs. Net 98.75
 TO-5RM, same as TO-5, for rack mounts.
 TE-492WX Shpg. wt., 18 lbs. Net 102.50



KINGSTON PROBEMASTER
 A unique test instrument combining the features of a highly versatile probe with a neon checker. Its built-in capacitive network permits bypassing stages, checking open capacitors, isolating defective stages without external signal generator, and elimination of time consuming capacitor substitution. Shpg. wt., 1 lb.
 TE-497 Net 4.95

Minivac 601 DIGITAL COMPUTER

95⁰⁰
NO MONEY
DOWN

**Not A Toy — Performs Functions
of Full Size Computer — Solves
Scientific and Business Problems**



Model 6010

The Minivac 601 can be used by anyone with an inquiring mind. Designed to introduce teenagers and adults to the fascinating world of machines that "think". The 601 demonstrates how computers operate, what they can and cannot do by simulating computer applications in business, science and military. It can learn, remember, calculate, and make decisions. Indispensable to teachers, businessmen who need to keep up with modern technology, a first hand opportunity to explore space age techniques and experimentation. A set of six comprehensive manuals are provided with each Minivac 601. These provide step-by-step experiments demonstrating how computers do arithmetic, use logic, provide automatic control, and language translation. . . . It even plays games as an opponent, partner or referee. The Minivac is ready to

- Teaches Basic Concepts of Computer Operation and Technology
- A Product of 2 Years of Research

use the moment you unpack it. Operates on a low 12 volt system—it is as safe to use as an electric train. Minivac consists of a 24" console with 12 indicator lights, 1 circuit breaker, 6 DPDT memory storage relays, 6 secondary memory storage switches, 6 data input push buttons, 16 position switch (motor driven); game matrix; 194 dual terminals and 100 program wires. The console measures 24x13x5 1/2"H. Shpg. wt., 17 lbs. Power input 110 V AC.
HE-647W Net 95.00

NEW MINIVAC 6010. A deluxe version of the 601 which is capable of handling a larger variety of more advanced computer programs. Ideal for industrial use. A seventh capacitor/resistor manual will accompany the 6010. Now with the additional features of individual protective dust covers for relays, improved slide switches and pushbuttons for tighter specs and greater reliability.
HE-644WX Net 155.00

MINIVAC CAPACITOR-RESISTOR KIT FOR THE 601
Enlarge your MINIVAC 601's capacity as a computer simulator with these new components. This kit makes it possible to construct and understand over 24 more advanced experiments. Kit includes 6 capacitors, 27 resistors and programming connectors and the Capacitor/Resistor manual.
HE-648 Net 24.50

FALLOUT DETECTION METER Made by VICTOREEN

**Largest Maker of Civil
Defense Instruments**



49⁹⁵ NO MONEY
DOWN

- Large Easy-to-Read Meter
- Simple One-Switch Operation
- Rugged Metal All-Weather Construction
- Includes Full Survival & Operating Instructions

Designed especially for use by private citizens, this is a civilian model of the official instrument used by federal agencies. Enclosed in a rugged steel case, this instrument has been designed and constructed to withstand extreme shock and immersion. Transistorized circuit requires virtually no maintenance and operates from two easily obtainable flashlight batteries. Extremely simple to use and understand—a child can be taught to operate it. This instrument is an absolute necessity for schools, fallout shelters, offices and plants. Includes manual with full survival and operating instructions.
TE-667 Shpg. wt., 5 lbs. Net 49.95
Replacement Batteries (2 required) 1.5 volts
BA-157 Net ea. .13

BENDIX RADIATION MEASUREMENT SET

Certified by Bendix to Meet or Exceed Office
of Civil Defense Mobilization Specifications



- Simple To Use
- Direct Reading
- Pocket Size
- Rugged—Reliable—Portable

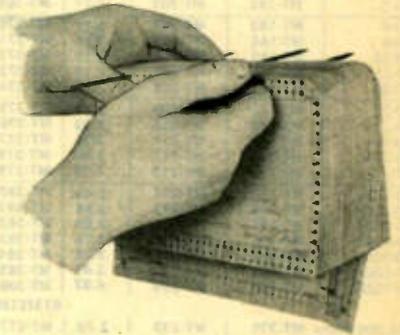
Set Includes:
Bendix CD V-736 Ratemeter (0-120 r/hr)—Indicates precisely how much radiation is present at a given moment
Bendix CD V-746 Dosimeter (0-600 r/hr)—Records total radiation exposure
BENDIX VD V-756 Charger—Charges and retests the Ratemeter and Dosimeter to zero

1995
Each

1795
Each
Lots of 3

The Bendix Radiation Measurement Set is extremely simple to use. To read the calibrated scales just hold them up to a light source. The Charger is used to reset the hairline indicators to zero before new readings are taken. The Ratemeter measures the amount of radiation at a given moment. There are two scales: one calibrated from 0-120 r/hr for reading one minute after exposure; the second calibrated from 0-12 r/hr for reading 10 minutes after exposure should the first be below 10 r/hr. The Ratemeter may also be used in industry for determining protection in any isotope program. The Dosimeter records total radiation exposure and is calibrated from 0-600 roentgens.
TE-666 Complete Set, Shpg. wt., 5 lbs. Net 19.95
TE-668 Pocket Dosimeter, Shpg. wt., 1 lb. Net 11.25
TE-669 Pocket Ratemeter, Shpg. wt., 1 lb. Net 11.25

GENIAC PORTABLE MEMORY CARD FILE



HOW TO FILE A
CARD IN 25 PLACES
SIMULTANEOUSLY

1796

For the busy scientist, engineer, teacher, business man or student who must keep basic information on file. NOW the Geniac Portable Memory Unit, (PMU), a low cost information retrieval system can conservatively sort 400 cards per minute—using no electrical parts or gadgets. Sorting is by rods. Information is coded into the cards by matching pre-punched holes around the edge of the card. No previous knowledge is necessary. Once coded the card is filed at random and will automatically appear during sorts for the various categories. Serves as a useful adjunct to company integrated information systems. The basic PMU contains a matching hand punch, sorting rods and 300 cards.
F-832 Shpg. wt., 6 lbs. Net 17.96
F-833 Additional Cards, pkg. of 100 Net 3.92

SHURITE PANEL METERS—METER RECTIFIERS

SHURITE PANEL METERS



GLASS FRONT
Type 950

CLEAR
PLASTIC
Type 850



GLASS
FRONT
Type 550



GLASS FRONT LESS ZERO ADJUST
Type 550 Type 950 Net

Economy model panel meters with fast response, excellent torque-to-weight ratio, long scales, and accuracy well within standard 5%. AC are double-vane repulsion type with jeweled bearing. DC are polarized-vane solenoid type of moving magnet construction. Require a 2 1/2" hole. "H" indicates high resistance. L Low Internal Resistance. CLEAR PLASTIC: Attractive plastic meters with 2 1/2" W x 2 1/2" H crystal polystyrene front for exceptional visibility and protection. Frosted finish interior. GLASS FRONT: Sturdy metal case, glass-front meters. Round model is clamp-mounted; square model is flange-mounted. Average Shpg. wt., 1/4 lb. Sensitive type, 50 ohms resistance.

ATTENTION INDUSTRIAL USERS!
Special Quantity Discounts on Shurite Meters on This Page
10-24 DEDUCT 10% 25-49 DEDUCT 15%

| Range | GLASS FRONT LESS ZERO ADJUST | | GLASS FRONT WITH ZERO ADJUST | | PLASTIC FRONT TYPE 850 | |
|-------|------------------------------|----------|------------------------------|----------|------------------------|------------------|
| | Type 550 | Type 950 | Type 550 | Type 950 | Less Zero Adjust | With Zero Adjust |

| DC MILLIAMMETERS | | | | | | |
|------------------|--------|--------|------|--------|--------|-------------|
| 0-1 | | | | | | MT-128 3.07 |
| 0-3L | | | | | | MT-129 3.58 |
| 0-3 | MT-102 | MT-116 | 2.79 | MT-293 | MT-305 | MT-462 2.99 |
| 0-5 | MT-103 | MT-117 | 2.55 | MT-294 | MT-306 | MT-130 2.74 |
| 0-10 | MT-104 | MT-118 | 2.30 | MT-295 | MT-307 | MT-131 2.50 |
| 0-15 | MT-105 | MT-119 | 2.11 | MT-296 | MT-308 | MT-132 2.30 |
| 0-25 | MT-106 | MT-120 | 2.11 | MT-297 | MT-309 | MT-133 2.30 |
| 0-50 | MT-107 | MT-121 | 2.11 | MT-298 | MT-310 | MT-134 2.30 |
| 0-100 | MT-108 | MT-122 | 2.11 | MT-299 | MT-311 | MT-135 2.30 |
| 0-150 | MT-109 | MT-123 | 2.11 | MT-300 | MT-312 | MT-136 2.30 |
| 0-200 | MT-110 | MT-124 | 2.11 | MT-301 | MT-313 | MT-137 2.30 |
| 0-300 | MT-111 | MT-125 | 2.11 | MT-302 | MT-314 | MT-138 2.30 |
| 0-400 | MT-112 | MT-126 | 2.11 | MT-303 | MT-315 | MT-139 2.30 |
| 0-500 | MT-113 | MT-127 | 2.11 | MT-304 | MT-316 | MT-140 2.30 |

| DC AMMETERS | | | | | | |
|-------------|--------|--------|------|--------|--------|-------------|
| 0-1 | MT-141 | MT-156 | 2.11 | MT-328 | MT-343 | MT-464 2.30 |
| 0-3 | MT-142 | MT-157 | 2.11 | MT-329 | MT-344 | MT-171 2.30 |
| 0-5 | MT-143 | MT-158 | 2.11 | MT-330 | MT-345 | MT-172 2.30 |
| 0-8 | MT-144 | MT-159 | 2.11 | MT-331 | MT-346 | MT-173 2.30 |
| 0-10 | MT-145 | MT-160 | 2.11 | MT-332 | MT-347 | MT-174 2.30 |
| 0-15 | MT-146 | MT-161 | 2.11 | MT-333 | MT-348 | MT-175 2.74 |
| 0-25 | MT-147 | MT-162 | 2.11 | MT-334 | MT-349 | MT-176 2.74 |
| 0-50 | MT-148 | MT-163 | 2.11 | MT-335 | MT-350 | MT-177 2.74 |
| 3-0-3 | MT-149 | MT-164 | 2.21 | MT-336 | MT-351 | MT-178 2.74 |
| 5-0-5 | MT-150 | MT-165 | 2.21 | MT-337 | MT-352 | MT-179 2.74 |
| 5-0-5 | MT-151 | MT-166 | 2.21 | MT-338 | MT-353 | MT-177 2.74 |
| 10-0-10 | MT-152 | MT-167 | 2.35 | MT-339 | MT-354 | MT-178 2.74 |
| 20-0-20 | MT-153 | MT-168 | 2.35 | MT-340 | MT-355 | MT-179 2.74 |
| 30-0-30 | MT-154 | MT-169 | 2.35 | MT-341 | MT-356 | MT-180 2.74 |
| 50-0-50 | MT-155 | MT-170 | 2.70 | MT-342 | MT-357 | MT-181 2.74 |

| DC VOLTMETERS | | | | | | |
|---------------|--------|--------|------|--------|--------|-------------|
| 0-1 | MT-179 | MT-200 | 2.11 | MT-366 | MT-387 | MT-221 2.30 |
| 0-3 | MT-180 | MT-201 | 2.11 | MT-367 | MT-388 | MT-222 2.30 |
| 0-3-0-3 | MT-181 | MT-202 | 2.11 | MT-368 | MT-389 | MT-223 2.30 |
| 0-5 | MT-182 | MT-203 | 2.11 | MT-369 | MT-390 | MT-224 2.30 |
| 0-6 | MT-183 | MT-204 | 2.11 | MT-370 | MT-391 | MT-225 2.30 |
| 0-8 | MT-184 | MT-205 | 2.11 | MT-371 | MT-392 | MT-226 2.60 |
| 0-10 | MT-185 | MT-206 | 2.11 | MT-372 | MT-393 | MT-227 2.55 |
| 0-15 | MT-186 | MT-207 | 2.11 | MT-373 | MT-394 | MT-228 2.74 |
| 0-20 | MT-187 | MT-208 | 2.11 | MT-374 | MT-395 | MT-229 2.74 |
| 0-25 | MT-188 | MT-209 | 2.40 | MT-375 | MT-396 | MT-230 2.74 |
| 0-25H | MT-189 | MT-210 | 2.79 | MT-376 | MT-397 | MT-231 2.99 |
| 0-50 | MT-190 | MT-211 | 2.35 | MT-377 | MT-398 | MT-232 2.99 |
| 0-50H | MT-191 | MT-212 | 3.04 | MT-378 | MT-400 | MT-233 2.99 |
| 0-75 | MT-192 | MT-213 | 2.40 | MT-379 | MT-401 | MT-234 2.99 |
| 0-100 | MT-193 | MT-214 | 2.40 | MT-380 | MT-402 | MT-235 2.99 |
| 0-100H | MT-194 | MT-215 | 2.94 | MT-381 | MT-403 | MT-236 2.99 |
| 0-150 | MT-195 | MT-216 | 2.55 | MT-382 | MT-404 | MT-237 2.99 |
| 0-150H | MT-196 | MT-217 | 3.19 | MT-383 | MT-405 | MT-238 2.99 |
| 0-300H | MT-197 | MT-218 | 3.28 | MT-384 | MT-406 | MT-239 2.99 |
| 0-500H | MT-198 | MT-219 | 3.43 | MT-385 | MT-407 | MT-240 2.99 |
| 0-750H | MT-199 | MT-220 | 4.02 | MT-386 | MT-408 | MT-241 2.99 |

| RESISTANCE METERS | | | | | | |
|---|--------|--------|------|--------|--------|------|
| 10,000 ohms | MT-229 | MT-230 | 2.70 | MT-417 | MT-418 | 2.89 |
| MT-447 FLANGE ADAPTER RING FOR ROUND METERS — 2 1/2" BLACK FINISH | | | | | | 3.23 |

SHURITE AC METERS GLASS FRONT LESS ZERO ADJUST

| RANGE | TYPE 550 | TYPE 950 | NET |
|--------------------|----------|----------|------|
| A.C. MILLIAMMETERS | | | |
| 0-10 | MT-232 | MT-238 | 3.43 |
| 0-25 | MT-233 | MT-239 | 3.28 |
| 0-50 | MT-234 | MT-240 | 3.28 |
| 0-100 | MT-235 | MT-241 | 3.28 |
| 0-250 | MT-236 | MT-242 | 3.28 |
| 0-500 | MT-237 | MT-243 | 3.28 |

| | | | |
|---------------|--------|--------|------|
| A.C. AMMETERS | | | |
| 0-1 | MT-248 | MT-255 | 3.10 |
| 0-3 | MT-249 | MT-256 | 3.10 |
| 0-5 | MT-250 | MT-257 | 3.19 |
| 0-10 | MT-251 | MT-258 | 3.19 |
| 0-15 | MT-252 | MT-259 | 3.10 |
| 0-30 | MT-253 | MT-260 | 3.28 |
| 0-50 | MT-254 | MT-261 | 3.48 |

| | | | |
|-----------------|--------|--------|------|
| A.C. VOLTMETERS | | | |
| 0-4 | MT-268 | MT-278 | 3.33 |
| 0-6 | MT-269 | MT-279 | 3.33 |
| 0-10 | MT-270 | MT-280 | 3.33 |
| 0-15 | MT-271 | MT-281 | 3.33 |
| 0-25 | MT-272 | MT-282 | 3.33 |
| 0-50 | MT-273 | MT-283 | 3.68 |
| 0-150 | MT-274 | MT-284 | 3.77 |
| 0-300 | MT-275 | MT-285 | 4.26 |
| 0-600 | MT-276 | MT-286 | 4.80 |
| 0-750 | MT-277 | MT-287 | 5.30 |

PLASTIC FRONT TYPE 850

| RANGE | LESS ZERO ADJUST | NET | WITH ZERO ADJUST | NET |
|--------------------|------------------|------|------------------|------|
| A.C. MILLIAMMETERS | | | | |
| 0-10 | MT-448 | 3.83 | MT-449 | 3.97 |
| 0-25 | MT-450 | 3.48 | MT-451 | 3.81 |
| 0-50 | MT-444 | 3.48 | MT-420 | 3.81 |
| 0-100 | MT-445 | 3.48 | MT-421 | 3.81 |
| 0-250 | MT-446 | 3.48 | MT-422 | 3.81 |
| 0-500 | MT-447 | 3.48 | MT-423 | 3.81 |

| | | | | |
|---------------|--------|------|--------|------|
| A.C. AMMETERS | | | | |
| 0-1 | MT-452 | 3.38 | MT-453 | 3.53 |
| 0-3 | MT-262 | 3.38 | MT-424 | 3.53 |
| 0-5 | MT-263 | 3.38 | MT-425 | 3.53 |
| 0-10 | MT-264 | 3.38 | MT-426 | 3.53 |
| 0-15 | MT-265 | 3.38 | MT-427 | 3.53 |
| 0-30 | MT-266 | 3.48 | MT-428 | 3.81 |
| 0-50 | MT-267 | 3.88 | MT-429 | 4.02 |

| | | | | |
|-----------------|--------|------|--------|------|
| A.C. VOLTMETERS | | | | |
| 0-10 | MT-288 | 3.53 | MT-430 | 3.87 |
| 0-15 | MT-454 | 3.53 | MT-455 | 3.87 |
| 0-25 | MT-289 | 3.53 | MT-431 | 3.87 |
| 0-50 | MT-290 | 3.87 | MT-432 | 4.21 |
| 0-150 | MT-291 | 3.92 | MT-433 | 4.26 |
| 0-300 | MT-292 | 4.46 | MT-434 | 4.80 |



SHURITE BATTERY TESTERS

Pocket testers with bright plated cases, metal dials, and prods. Sturdily built. Test batteries without load. Ideal for testing batteries used in transistor circuits, model railroads, hearing aids, portable radios, etc. Shpg. wt., 8 ozs.

HEARING AID BATTERY TESTER
Ideal for checking 1.5, 15, 22.5, 30, 33, and 45 volt batteries.
MT-448 Net 3.77

| DC VOLTMETERS | | | | | |
|---------------|--------|------|--------|----------|------|
| TYPE | RANGE | NET | TYPE | RANGE | NET |
| MT-435 | 0-5 | 2.45 | MT-439 | 0-5-50 | 3.43 |
| MT-436 | 0-7 | 2.45 | MT-440 | 0-7.5-90 | 3.68 |
| MT-437 | 0-50 | 2.84 | MT-441 | 0-2-6 | 3.88 |
| MT-438 | 0-2-50 | 3.43 | MT-442 | 0-2-150 | 3.77 |

| DC AMMETERS | | |
|-------------|-------|------|
| TYPE | RANGE | NET |
| MT-443 | 0-3 | 2.49 |
| MT-444 | 0-15 | 2.49 |
| MT-445 | 0-40 | 3.10 |

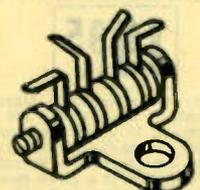
NEW! SUB-MINIATURE TUNING & BATTERY METER

FOR TRANSISTOR CIRCUITS ONLY 3/4" W x 7/8" H x 3/4" D DEEP

Make your miniature transistor radio a deluxe receiver with this tuning and battery meter. Sensitive 300 μ amp. D'Arsonval movement. Easy to read — clearly marked scale — red pointer. Meter has shielded case. Plastic bumpers protect pointer. With hook-up circuit. Scale marked: OFF, TUNE AND BATT. with intermediate graduations. Shpg. wt., 4 ozs. Imported.

TM-18 Net 2.45

SPECIAL METER RECTIFIER



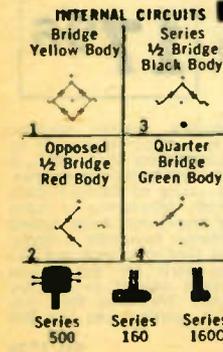
A full wave, economical meter rectifier of exceptionally linear characteristics. Universal replacement for all multimeters, such as Lafayette's miniature V.O.M.'s. Single screw mount. Long terminals, 5 oz. Imported.

RE-22 Net .45

CONANT METER RECTIFIERS

Copper oxide rectifiers for meters and relay circuits. Max. AC Input 5 Volts. DC reverse voltage 2.25. Frequency response: Series 500 0.1 MC, others 0-75 MC. Mounting: series 500 6-32 stud, series 160 #2 screw, series 160C fuse clip. All with 3" leads. Av. shpg. wt., 5 oz.

| Stock No. | Conant Type | Series | Int. Circ. | No. Tms. | Forward DC MA | Output DC MA | Av. Net |
|-----------|-------------|--------|------------|----------|---------------|--------------|---------|
| RE-28 | M | 500 | 1 | 4 | 100 | 50 | 2.06 |
| RE-29 | HS | 500 | 3 | 3 | 100 | 50 | 1.50 |
| RE-30 | T | 500 | 4 | 3 | 100 | 50 | 1.50 |
| RE-31 | H | 500 | 5 | 2 | 100 | 50 | 1.18 |
| RE-32 | B | 160 | 1 | 4 | 10 | 5 | 2.06 |
| RE-33 | BHS | 160 | 3 | 3 | 10 | 5 | 1.50 |
| RE-34 | BT | 160 | 4 | 3 | 10 | 5 | 1.50 |
| RE-35 | BH | 160 | 5 | 2 | 10 | 5 | 1.18 |
| RE-36 | BC | 160-C | 1 | 4 | 10 | 5 | 2.06 |
| RE-37 | BHS-C | 160-C | 3 | 3 | 10 | 5 | 1.50 |





PANEL METERS

THE BIG LOOK IN SMALL PANEL METERS

- Distinctive Appearance • Completely Sealed Cases
- Excellent Readability • Self-Shielded DC Core-Magnet Mechanisms

Up to 28% increase in scale length and with big, clear-to-read numerals, for at-a-glance readability. Sealed cases on 2 1/2" and 3 1/2" inch designs. 4 1/2" inch designs feature a snap-on, snap-off cover. Self-shielded core-magnet mechanisms on all d-c meters eliminates interaction, ends special calibration for mounting on magnetic or non-magnetic panels, and minimizes stray field effect. The damping factor of a-c ratings, insulation level and overload capacity of all meters meet requirements of ASA specifications C39.1 Accuracy 2% of full scale. Scale length: DW-91=2.1"; DO-91=2.9"; DO-92=3.93". AW-91=2.0" AD-91=2.9"; AO-92=3.93" Average Shpg. wt., 13 oz.



DC AMMETERS (Self-Contained) 2 1/2" TYPE DW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-1A | 3MU-424 | | | |
| 0-2A | 3MU-426 | | | |
| 0-5A | 3MU-428 | 11.20 | 8.40 | 7.28 |
| 0-10A | 3MU-431 | | | |
| 0-20A | 3MU-434 | | | |
| 0-30A | 3MU-436 | | | |
| 3 1/2" TYPE 0091 | | | | |
| | | Net Each | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-1A | 3MU-425 | | | |
| 0-2A | 3MU-427 | | | |
| 0-5A | 3MU-429 | | | |
| 0-10A | 3MU-432 | 12.00 | 9.00 | 7.80 |
| 0-20A | 3MU-435 | | | |
| 0-30A | 3MU-437 | | | |
| 4 1/2" TYPE 0092 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-5A | 3MU-430 | 14.40 | 10.80 | 9.36 |
| 0-10A | 3MU-433 | 14.40 | 10.80 | 9.36 |

AC VOLTMETERS (Self-Contained) 2 1/2" TYPE AW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-10V | 3MU-505 | 11.20 | 8.40 | 7.28 |
| 0-15V | 3MU-507 | 11.20 | 8.40 | 7.28 |
| 0-30V | 3MU-510 | 11.20 | 8.40 | 7.28 |
| 0-50V | 3MU-512 | 12.00 | 9.00 | 7.80 |
| 0-150V | 3MU-515 | 12.80 | 9.60 | 8.32 |
| 0-300V | 3MU-518 | 14.40 | 10.80 | 9.36 |
| 3 1/2" TYPE A091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-10V | 3MU-506 | 12.00 | 9.00 | 7.80 |
| 0-15V | 3MU-508 | 12.00 | 9.00 | 7.80 |
| 0-30V | 3MU-511 | 12.00 | 9.00 | 7.80 |
| 0-50V | 3MU-513 | 12.80 | 9.60 | 8.32 |
| 0-150V | 3MU-516 | 13.60 | 10.20 | 8.84 |
| 0-300V | 3MU-519 | 15.20 | 11.40 | 9.88 |
| 4 1/2" TYPE A092 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-10V | 3MU-509 | 14.40 | 10.80 | 9.36 |
| 0-50V | 3MU-514 | 15.20 | 11.40 | 9.88 |
| 0-150V | 3MU-517 | 16.00 | 12.00 | 10.40 |
| 0-300V | 3MU-520 | 17.60 | 13.20 | 11.44 |

DC VOLTMETER (Self-Contained) 2 1/2" TYPE DW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-1.5V | 3MU-400 | | | |
| 0-5V | 3MU-403 | | | |
| 0-10V | 3MU-405 | 12.00 | 9.00 | 7.80 |
| 0-15V | 3MU-408 | | | |
| 0-30V | 3MU-410 | | | |
| 0-50V | 3MU-413 | | | |
| 0-150V | 3MU-417 | 12.80 | 9.60 | 8.32 |
| 0-300V | 3MU-420 | 13.60 | 10.20 | 8.84 |
| 3 1/2" TYPE 0091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-1.5V | 3MU-401 | | | |
| 0-5V | 3MU-404 | | | |
| 0-10V | 3MU-406 | 12.80 | 9.60 | 8.32 |
| 0-15V | 3MU-409 | | | |
| 0-30V | 3MU-411 | | | |
| 0-50V | 3MU-414 | | | |
| 0-100V | 3MU-416 | 13.60 | 10.20 | 8.84 |
| 0-150V | 3MU-418 | 13.60 | 10.20 | 8.84 |
| 0-300V | 3MU-421 | 14.40 | 10.80 | 9.36 |
| 0-500V | 3MU-423 | 15.20 | 11.40 | 9.88 |

ZERO-CENTER DC AMMETER (Self-Contained) 2 1/2" TYPE DW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 10-0-10A | 3MU-452 | 11.20 | 8.40 | 7.28 |
| 30-0-30A | 3MU-454 | 11.20 | 8.40 | 7.28 |
| 3 1/2" TYPE 0091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 10-0-10A | 3MU-453 | | | |
| 30-0-30A | 3MU-455 | 12.00 | 9.00 | 7.80 |
| 50-0-50A | 3MU-456 | | | |

AC VOLTMETER (Transformer rated) 2 1/2" TYPE AW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-750V | 3MU-523 | 12.80 | 9.60 | 8.32 |
| 3 1/2" TYPE A091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-600V | 3MU-521 | 13.60 | 10.20 | 8.84 |
| 0-750V | 3MU-524 | 13.60 | 10.20 | 8.84 |
| 4 1/2" TYPE A092 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-600V | 3MU-522 | 16.00 | 12.00 | 10.40 |
| 0-750V | 3MU-525 | 16.00 | 12.00 | 10.40 |

| Rating | Stock No. | Net Each | | |
|--------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-1.5V | 3MU-402 | | | |
| 0-10V | 3MU-407 | 15.20 | 11.40 | 9.88 |
| 0-30V | 3MU-412 | | | |
| 0-50V | 3MU-415 | | | |
| 0-150V | 3MU-419 | 16.00 | 12.00 | 10.40 |
| 0-300V | 3MU-422 | 16.80 | 12.60 | 10.92 |

DC AMMETER (For use with 50 MV external shunt) 2 1/2" TYPE DW91

| Rating | Stock No. | Net Each | | |
|--------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-50A | 3MU-438 | 11.20 | 8.40 | 7.28 |
| 0-75A | 3MU-441 | | | |
| 0-100A | 3MU-443 | | | |
| 0-150A | 3MU-446 | | | |

(Price does not include shunt or shunt leads)

DC MILLIAMMETER 2 1/2" TYPE DW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-1MA | 3MU-457 | | | |
| 0-5MA | 3MU-460 | | | |
| 0-10MA | 3MU-463 | | | |
| 0-50MA | 3MU-466 | 11.20 | 8.40 | 7.28 |
| 0-100MA | 3MU-469 | | | |
| 0-150MA | 3MU-472 | | | |
| 0-200MA | 3MU-475 | | | |
| 0-300MA | 3MU-477 | | | |
| 0-500MA | 3MU-479 | | | |
| 3 1/2" TYPE 0091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-1MA | 3MU-458 | | | |
| 0-5MA | 3MU-461 | | | |
| 0-10MA | 3MU-464 | | | |
| 0-50MA | 3MU-467 | 12.00 | 9.00 | 7.80 |
| 0-100MA | 3MU-470 | | | |
| 0-150MA | 3MU-473 | | | |
| 0-200MA | 3MU-476 | | | |
| 0-300MA | 3MU-478 | | | |
| 0-500MA | 3MU-480 | | | |
| 4 1/2" TYPE 0092 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-1MA | 3MU-459 | | | |
| 0-5MA | 3MU-462 | | | |
| 0-10MA | 3MU-465 | 14.40 | 10.80 | 9.36 |
| 0-50MA | 3MU-468 | | | |
| 0-100MA | 3MU-471 | | | |
| 0-150MA | 3MU-474 | | | |

AC AMMETERS (Self-Contained) 2 1/2" TYPE AW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-5A | 3MU-526 | 12.00 | 9.00 | 7.80 |
| 0-10A | 3MU-529 | 12.00 | 9.00 | 7.80 |
| 3 1/2" TYPE A091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-5A | 3MU-527 | 12.80 | 9.60 | 8.32 |
| 0-10A | 3MU-530 | 12.80 | 9.60 | 8.32 |
| 0-20A | 3MU-532 | 13.60 | 10.20 | 8.84 |
| 0-30A | 3MU-533 | 13.60 | 10.20 | 8.84 |
| 4 1/2" TYPE A092 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-5A | 3MU-528 | 15.20 | 11.40 | 9.88 |
| 0-10A | 3MU-531 | 15.20 | 11.40 | 9.88 |

AC AMMETER (Self-Contained) 3 1/2" TYPE A091

| Rating | Stock No. | Net Each | | |
|--------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-50A | 3MU-534 | | | |
| 0-75A | 3MU-535 | | | |
| 0-100A | 3MU-536 | 12.80 | 9.60 | 8.32 |
| 0-150A | 3MU-537 | | | |
| 0-200A | 3MU-538 | | | |

ZERO-CENTER DC MILLIAMMETER 2 1/2" TYPE DW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 1-0-1MA | 3MU-481 | 11.20 | 8.40 | 7.28 |
| 3 1/2" TYPE 0091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 1-0-1MA | 3MU-482 | 12.00 | 9.00 | 8.40 |
| 3 1/2" TYPE 0091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-50A | 3MU-439 | | | |
| 0-75A | 3MU-442 | | | |
| 0-100A | 3MU-444 | 12.00 | 9.00 | 7.80 |
| 0-150A | 3MU-447 | | | |
| 0-200A | 3MU-448 | | | |
| 0-300A | 3MU-449 | | | |
| 0-500A | 3MU-450 | | | |
| 0-1000A | 3MU-451 | | | |

(Price does not include shunt or shunt leads)

ZERO CENTER DC MICROAMMETER 2 1/2" TYPE DW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 20-0-20UA | 3MU-497 | 20.00 | 15.00 | 13.00 |
| 50-0-50UA | 3MU-499 | 14.40 | 10.80 | 9.36 |
| 100-0-100UA | 3MU-501 | 12.80 | 9.60 | 8.32 |
| 500-0-500UA | 3MU-503 | 11.20 | 8.40 | 7.28 |
| 3 1/2" TYPE 0091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 20-0-20UA | 3MU-498 | 20.80 | 15.60 | 13.52 |
| 50-0-50UA | 3MU-500 | 15.20 | 11.40 | 9.88 |
| 100-0-100UA | 3MU-502 | 13.60 | 10.20 | 8.84 |
| 500-0-500UA | 3MU-504 | 12.00 | 9.00 | 7.80 |

AC MILLIAMMETERS 2 1/2" TYPE AW91

| Rating | Stock No. | Net Each | | |
|------------------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-10MA | 3MU-539 | 12.00 | 9.00 | 7.80 |
| 0-100MA | 3MU-542 | 12.00 | 9.00 | 7.80 |
| 3 1/2" TYPE A091 | | | | |
| Rating | Stock No. | 1-9 | 10-24 | 25-49 |
| 0-10MA | 3MU-540 | 12.80 | 9.60 | 8.32 |
| 0-50MA | 3MU-541 | 12.80 | 9.60 | 8.32 |
| 0-100MA | 3MU-543 | 12.80 | 9.60 | 8.32 |

| Rating | Stock No. | Net Each | | |
|--------|-----------|----------|-------|-------|
| | | 1-9 | 10-24 | 25-49 |
| 0-50A | 3MU-440 | 14.40 | 10.80 | 9.36 |
| 0-100A | 3MU-445 | | | |

(Price does not include shunt or shunt leads)

TRIPLETT PANEL METERS

METER SPECIFICATIONS

The panel meter with the quality of distinction. Accurate to within 2% of full scale. DC meters employ D'Arsonval moving coil movements; AC types use double-iron repulsion movements. Finest alloy-steel permanent magnets. Jeweled bearings and steel alloy pivots for dependable service. Cushioned ceramic bumpers protect pointer against Overtravel. Easy-to-read black scales on white enamel metal dial faces. Molded black bakelite case. Av. shpg. wt., 1 1/2 lbs.



2 1/2", 3"

4 1/2"

GLASS-FRONT PANEL METERS

LAFAYETTE CAN SUPPLY THE COMPLETE LINE OF TRIPLETT METERS. See chart at bottom of page for meter dimensions.

ATTENTION—INDUSTRIAL BUYERS!
SPECIAL QUANTITY DISCOUNTS
ON TRIPLETT METERS
LOTS OF 10-24 DEDUCT 10%
LOTS OF 25-49 DEDUCT 15%
LOTS OF 50 & UP DEDUCT 20%

| DC MICROAMMETERS | | | | | | | | AC MILLIAMMETERS | | | | | | | | | |
|------------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|------------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|-------|
| Range | 221T 2 1/2" Rnd | 227T 2 1/2" Rect | 1 to 9 Each | 321T 3 1/2" Rnd | 327T 3" Rect | 1 to 9 Each | 420 4 1/2" Rect | 1 to 9 Each | 231S 2 1/2" Rnd | 237S 2 1/2" Rect | 1 to 9 Each | 331S 3 1/2" Rnd | 337S 3" Rect | 1 to 9 Each | 430 4 1/2" Rect | 1 to 9 Each | |
| 0-20 | MT-475 | MT-476 | 10.40 | MT-477 | MT-478 | 20.00 | MT-479 | 21.20 | 0-10 | MT-755 | MT-756 | 11.40 | MT-757 | MT-758 | 12.10 | MT-759 | 12.80 |
| 0-50 | MT-480 | MT-481 | 16.40 | MT-482 | MT-483 | 16.90 | MT-484 | 14.20 | 0-15 | MT-760 | MT-761 | 11.40 | MT-762 | MT-763 | 12.10 | MT-764 | 12.80 |
| 0-100 | MT-485 | MT-486 | 14.30 | MT-487 | MT-488 | 14.90 | MT-489 | 16.10 | 0-25 | MT-765 | MT-766 | 11.40 | MT-767 | MT-768 | 12.10 | MT-769 | 12.80 |
| 0-200 | MT-490 | MT-491 | 12.20 | MT-492 | MT-493 | 12.90 | MT-494 | 14.10 | 0-50 | MT-770 | MT-771 | 11.40 | MT-772 | MT-773 | 12.10 | MT-774 | 12.80 |
| 0-500 | MT-495 | MT-496 | 11.70 | MT-497 | MT-498 | 12.20 | MT-499 | 13.40 | 0-100 | MT-775 | MT-776 | 11.40 | MT-777 | MT-778 | 12.10 | MT-779 | 12.80 |
| 50-0-50 | MT-500 | MT-501 | 14.30 | MT-502 | MT-503 | 14.90 | MT-504 | 16.10 | 0-200 | MT-780 | MT-781 | 11.40 | MT-782 | MT-783 | 12.10 | MT-784 | 12.80 |
| 100-0-100 | MT-505 | MT-506 | 12.20 | MT-507 | MT-508 | 12.90 | MT-509 | 13.40 | 0-500 | MT-785 | MT-786 | 11.40 | MT-787 | MT-788 | 12.10 | MT-789 | 12.80 |
| 500-0-500 | MT-510 | MT-511 | 10.90 | MT-512 | MT-513 | 11.60 | MT-514 | 12.80 | | MT-790 | MT-791 | 11.40 | MT-792 | MT-793 | 12.10 | MT-794 | 12.80 |

| DC MILLIAMMETERS | | | | | | | | AC AMMETERS | | | | | | | | | |
|------------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|-------|
| Range | 221T 2 1/2" Rnd | 227T 2 1/2" Rect | 1 to 9 Each | 321T 3 1/2" Rnd | 327T 3" Rect | 1 to 9 Each | 420 4 1/2" Rect | 1 to 9 Each | 231S 2 1/2" Rnd | 237S 2 1/2" Rect | 1 to 9 Each | 331S 3 1/2" Rnd | 337S 3" Rect | 1 to 9 Each | 430 4 1/2" Rect | 1 to 9 Each | |
| 0-1 | MT-515 | MT-516 | 10.90 | MT-517 | MT-518 | 11.60 | MT-519 | 12.80 | 0-1 | MT-795 | MT-796 | 11.40 | MT-797 | MT-798 | 12.10 | MT-799 | 12.80 |
| 0-1.5 | MT-520 | MT-521 | 10.90 | MT-522 | MT-523 | 11.60 | MT-524 | 12.80 | 0-2 | MT-800 | MT-801 | 11.40 | MT-802 | MT-803 | 12.10 | MT-804 | 12.80 |
| 0-3 | MT-525 | MT-526 | 10.90 | MT-527 | MT-528 | 11.60 | MT-529 | 12.80 | 0-3 | MT-805 | MT-806 | 11.40 | MT-807 | MT-808 | 12.10 | MT-809 | 12.80 |
| 0-5 | MT-530 | MT-531 | 10.90 | MT-532 | MT-533 | 11.60 | MT-534 | 12.80 | 0-5 | MT-810 | MT-811 | 11.40 | MT-812 | MT-813 | 12.10 | MT-814 | 12.80 |
| 0-10 | MT-535 | MT-536 | 10.90 | MT-537 | MT-538 | 11.60 | MT-539 | 12.80 | 0-10 | MT-815 | MT-816 | 11.40 | MT-817 | MT-818 | 12.10 | MT-819 | 12.80 |
| 0-15 | MT-540 | MT-541 | 10.90 | MT-542 | MT-543 | 11.60 | MT-544 | 12.80 | 0-15 | MT-820 | MT-821 | 11.40 | MT-822 | MT-823 | 12.10 | MT-824 | 12.80 |
| 0-25 | MT-545 | MT-546 | 11.30 | MT-547 | MT-548 | 12.00 | MT-549 | 13.20 | 0-25 | MT-825 | MT-826 | 11.40 | MT-827 | MT-828 | 12.10 | MT-829 | 12.80 |
| 0-50 | MT-550 | MT-551 | 11.30 | MT-552 | MT-553 | 12.00 | MT-554 | 13.20 | 0-30 | MT-830 | MT-831 | 11.40 | MT-832 | MT-833 | 12.10 | MT-834 | 12.80 |
| 0-75 | MT-555 | MT-556 | 11.30 | MT-557 | MT-558 | 12.00 | MT-559 | 13.20 | 0-30 | MT-835 | MT-836 | 11.40 | MT-837 | MT-838 | 12.10 | MT-839 | 12.80 |
| 0-100 | MT-560 | MT-561 | 11.30 | MT-562 | MT-563 | 12.00 | MT-564 | 13.20 | 0-75 | | | | MT-842 | MT-843 | 13.30 | MT-844 | 14.50 |
| 0-150 | MT-565 | MT-566 | 11.30 | MT-567 | MT-568 | 12.00 | MT-569 | 13.20 | | | | | | | | | |
| 0-200 | MT-570 | MT-571 | 11.30 | MT-572 | MT-573 | 12.00 | MT-574 | 13.20 | | | | | | | | | |
| 0-250 | MT-575 | MT-576 | 11.30 | MT-577 | MT-578 | 12.00 | MT-579 | 13.20 | | | | | | | | | |
| 0-300 | MT-580 | MT-581 | 11.30 | MT-582 | MT-583 | 12.00 | MT-584 | 13.20 | | | | | | | | | |
| 0-400 | MT-585 | MT-586 | 11.30 | MT-587 | MT-588 | 12.00 | MT-589 | 13.20 | | | | | | | | | |
| 0-500 | MT-590 | MT-591 | 11.30 | MT-592 | MT-593 | 12.00 | MT-594 | 13.20 | | | | | | | | | |
| 0-750 | MT-595 | MT-596 | 11.30 | MT-597 | MT-598 | 12.00 | MT-599 | 13.20 | | | | | | | | | |
| 0-1000 | MT-600 | MT-601 | 11.30 | MT-602 | MT-603 | 12.00 | MT-604 | 13.20 | | | | | | | | | |

| DC AMMETERS | | | | | | | | AC VOLTMETERS | | | | | | | | | |
|-------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|-------|
| Range | 221T 2 1/2" Rnd | 227T 2 1/2" Rect | 1 to 9 Each | 321T 3 1/2" Rnd | 327T 3" Rect | 1 to 9 Each | 420 4 1/2" Rect | 1 to 9 Each | 231S 2 1/2" Rnd | 237S 2 1/2" Rect | 1 to 9 Each | 331S 3 1/2" Rnd | 337S 3" Rect | 1 to 9 Each | 430 4 1/2" Rect | 1 to 9 Each | |
| 0-1 | MT-605 | MT-606 | 10.90 | MT-607 | MT-608 | 11.60 | MT-609 | 12.80 | 0-1.5 | MT-845 | MT-846 | 11.40 | MT-847 | MT-848 | 12.10 | MT-849 | 12.80 |
| 0-3 | MT-610 | MT-611 | 10.90 | MT-612 | MT-613 | 11.60 | MT-614 | 12.80 | 0-3 | MT-850 | MT-851 | 11.40 | MT-852 | MT-853 | 12.10 | MT-854 | 12.80 |
| 0-5 | MT-615 | MT-616 | 11.80 | MT-617 | MT-618 | 12.30 | MT-619 | 13.50 | 0-5 | MT-855 | MT-856 | 11.40 | MT-857 | MT-858 | 12.10 | MT-859 | 12.80 |
| 0-10 | MT-620 | MT-621 | 11.80 | MT-622 | MT-623 | 12.30 | MT-624 | 13.50 | 0-10 | MT-860 | MT-861 | 11.40 | MT-862 | MT-863 | 12.10 | MT-864 | 12.80 |
| 0-15 | MT-625 | MT-626 | 11.80 | MT-627 | MT-628 | 12.30 | MT-629 | 13.50 | 0-15 | MT-865 | MT-866 | 11.40 | MT-867 | MT-868 | 12.10 | MT-869 | 12.80 |
| 0-25 | MT-630 | MT-631 | 11.80 | MT-632 | MT-633 | 12.30 | MT-634 | 13.50 | 0-25 | MT-870 | MT-871 | 11.40 | MT-872 | MT-873 | 12.10 | MT-874 | 12.80 |
| 0-30 | MT-635 | MT-636 | 11.80 | MT-637 | MT-638 | 12.30 | MT-639 | 13.50 | 0-50 | MT-875 | MT-876 | 11.40 | MT-877 | MT-878 | 12.10 | MT-879 | 12.80 |
| 0-50 | MT-640 | MT-641 | 11.80 | MT-642 | MT-643 | 12.30 | MT-644 | 13.50 | 0-100 | MT-880 | MT-881 | 11.40 | MT-882 | MT-883 | 12.10 | MT-884 | 12.80 |

| VOLUME UNIT METERS | | | | | | | | DC VOLTMETERS | | | | | | | | | |
|--------------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|-------|
| Range | 221T 2 1/2" Rnd | 227T 2 1/2" Rect | 1 to 9 Each | 321T 3 1/2" Rnd | 327T 3" Rect | 1 to 9 Each | 420 4 1/2" Rect | 1 to 9 Each | 231S 2 1/2" Rnd | 237S 2 1/2" Rect | 1 to 9 Each | 331S 3 1/2" Rnd | 337S 3" Rect | 1 to 9 Each | 430 4 1/2" Rect | 1 to 9 Each | |
| 0-1 | MT-605 | MT-606 | 10.90 | MT-607 | MT-608 | 11.60 | MT-609 | 12.80 | 0-1 | MT-645 | MT-646 | 11.80 | MT-647 | MT-648 | 12.30 | MT-649 | 13.50 |
| 0-3 | MT-610 | MT-611 | 10.90 | MT-612 | MT-613 | 11.60 | MT-614 | 12.80 | 0-3 | MT-650 | MT-651 | 11.80 | MT-652 | MT-653 | 12.30 | MT-654 | 13.50 |
| 0-5 | MT-615 | MT-616 | 11.80 | MT-617 | MT-618 | 12.30 | MT-619 | 13.50 | 0-5 | MT-655 | MT-656 | 11.80 | MT-657 | MT-658 | 12.30 | MT-659 | 13.50 |
| 0-10 | MT-620 | MT-621 | 11.80 | MT-622 | MT-623 | 12.30 | MT-624 | 13.50 | 0-10 | MT-660 | MT-661 | 11.80 | MT-662 | MT-663 | 12.30 | MT-664 | 13.50 |
| 0-15 | MT-625 | MT-626 | 11.80 | MT-627 | MT-628 | 12.30 | MT-629 | 13.50 | 0-15 | MT-665 | MT-666 | 11.80 | MT-667 | MT-668 | 12.30 | MT-669 | 13.50 |
| 0-25 | MT-630 | MT-631 | 11.80 | MT-632 | MT-633 | 12.30 | MT-634 | 13.50 | 0-25 | MT-670 | MT-671 | 11.80 | MT-672 | MT-673 | 12.30 | MT-674 | 13.50 |
| 0-30 | MT-635 | MT-636 | 11.80 | MT-637 | MT-638 | 12.30 | MT-639 | 13.50 | 0-50 | MT-675 | MT-676 | 11.80 | MT-677 | MT-678 | 12.30 | MT-679 | 13.50 |
| 0-50 | MT-640 | MT-641 | 11.80 | MT-642 | MT-643 | 12.30 | MT-644 | 13.50 | 0-100 | MT-680 | MT-681 | 11.80 | MT-682 | MT-683 | 12.30 | MT-684 | 13.50 |

| DECIBEL METERS | | | | | | | | DC MILLIVOLTMETERS | | | | | | | | |
|----------------|-----------------------|----------------|------------------|----------------|--------------------|----------------|----------------|--------------------|---------------------|----------------|--------------------|-----------------|----------------|--------------------|----------------|-------|
| Range | 321-T 3 1/2" Round | 1 to 9 Each | 327-T 3" Rect | 1 to 9 Each | 420 4 1/2" Rect | 1 to 9 Each | 1 to 9 Each | 221T 2 1/2" Rnd | 227T 2 1/2" Rect | 1 to 9 Each | 321T 3 1/2" Rnd | 327T 3" Rect | 1 to 9 Each | 420 4 1/2" Rect | 1 to 9 Each | |
| MT-909 | 18.80 | | MT-910 | 18.80 | | MT-911 | 18.80 | 0-50 | MT-740 | MT-741 | 10.90 | MT-742 | MT-743 | 11.80 | MT-744 | 12.80 |
| MT-912* | 19.00 | | MT-913* | 19.00 | | MT-914* | 20.20 | 0-100 | MT-745 | MT-746 | 10.90 | MT-747 | MT-748 | 11.80 | MT-749 | 12.80 |
| | | | | | | | | 0-150 | MT-750 | MT-751 | 10.90 | MT-752 | MT-753 | 11.80 | MT-754 | 12.80 |

**JBT MODEL 31-EX
ELAPSED TIME
METER**

Records operating time of AC equipment. Registers in 1/10th hour steps to 9,999.9 hours, then automatically resets. Highly accurate, even where voltage or temperatures varies widely. Flange 3/4", mounts in 2 1/4" hole, overall depth 3/4". For 110-120v., 60 cycle AC. Shpg. wt., 1 1/4 lbs.
 Net 15.63

**JBT AC
FREQUENCY
METERS**

Vibrating reed meters for measuring frequency of AC power sources. * In 5-cycle steps; † In 1-cycle steps. ± 0.3% at 77°F. Flange 3/4", mounts in 2 1/4" hole, overall depth 3/4". For 100-130 volts. Shpg. wt., 12 oz.
 MT-951, Model 34-Fx. 56-64 cycles† Net 26.70
 MT-952, Model 33-Fx. 380-420 cycles* Net 33.42

METER DIMENSIONS
 Round Flush Mounting

| Mod. | Flange | Body Dia. | *Depth | Scale |
|-------|--------|-----------|--------|-------|
| 221-T | 2 1/4" | 2 1/2" | 1 5/8" | 1.76" |
| 231-S | 2 1/4" | 2 1/2" | 1 3/8" | 1.58" |
| 321-T | 3 1/2" | 2 3/4" | 1 5/8" | 2.49" |
| 331-S | 3 1/2" | 2 3/4" | 1 3/8" | 2.22" |

Rectangular Flush Mounting

| Mod. | Flange | Body Dia. | *Depth | Scale |
|-------|-----------------|-----------|--------|-------|
| 227-T | 2 1/2" x 2 3/8" | 2 1/2" | 1 1/4" | 1.76" |
| 237-S | 2 1/2" x 2 3/8" | 2 1/2" | 1 7/8" | 1.58" |
| 327-T | 3 x 3" | 2 3/4" | 1 1/4" | 2.49" |
| 337-S | 3 x 3" | 2 3/4" | 1 7/8" | 2.22" |
| 420 | 4 1/2" x 4 1/2" | 2 3/4" | 1 5/8" | 4.14" |
| 430 | 4 1/2" x 4 1/2" | 2 3/4" | 1 3/8" | 3.6" |

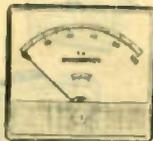
* OVERALL DEPTH INCLUDING TERMINALS

TRIPLETT TYPE PL PLASTIC-FRONT METERS



TRIPLETT TYPE PL PLASTIC-FRONT METERS

New, attractive panel meters with unbreakable plastic fronts featuring extra scale length, greatly improved visibility and maximum protection of meter face. Accuracy within 2% of full scale. DC types employ sensitive D'Arsonval movements; AC types use double-iron repulsion movements. Can withstand severe vibration. Avg. shpg. wt., 1 1/2 lbs. Include range and model no. when ordering.



THIS IS A PARTIAL LISTING. PL PANEL METERS ARE AVAILABLE IN ALL GLASS-FRONT PANEL METER RANGES.

SPECIAL QUANTITY PRICES
 LOTS OF 10-24 DEDUCT 10%
 LOTS OF 25-49 DEDUCT 15%
 LOTS OF 50-UP DEDUCT 20%

| DC MICROAMMETERS | | | | | | | | | | |
|------------------|------------------------|------------------------|----------------|------------------------|--------------------|----------------|------------------------|----------------|--|--|
| Range | 221-PL 2 1/2" Round | 227-PL 2 1/2" Rect. | 1 to 9 Each | 321-PL 3 1/2" Round | 327-PL 3" Rect. | 1 to 9 Each | 420-PL 4 1/2" Rect. | 1 to 9 Each | | |
| 0-50 | MT-915 | MT-916 | 16.40 | MT-917 | MT-918 | 16.90 | MT-919 | 18.20 | | |
| 0-100 | MT-920 | MT-921 | 14.30 | MT-922 | MT-923 | 14.90 | MT-924 | 16.10 | | |
| 0-200 | MT-925 | MT-926 | 12.20 | MT-927 | MT-928 | 12.90 | MT-929 | 14.10 | | |

| DC MILLIAMMETERS | | | | | | | | | | |
|------------------|--------|--------|-------|--------|--------|-------|--------|-------|--|--|
| Range | MT-930 | MT-931 | 10.90 | MT-932 | MT-933 | 11.60 | MT-934 | 12.80 | | |
| 0-1 | MT-930 | MT-931 | 10.90 | MT-932 | MT-933 | 11.60 | MT-934 | 12.80 | | |
| 0-25 | MT-935 | MT-936 | 11.30 | MT-937 | MT-938 | 12.00 | MT-939 | 13.20 | | |
| 0-50 | MT-940 | MT-941 | 11.30 | MT-942 | MT-943 | 12.00 | MT-944 | 13.20 | | |
| 0-100 | MT-945 | MT-946 | 11.30 | MT-947 | MT-948 | 12.00 | MT-949 | 13.20 | | |
| 0-150 | MT-955 | MT-956 | 11.30 | MT-957 | MT-958 | 12.00 | MT-959 | 13.20 | | |
| 0-200 | MT-960 | MT-961 | 11.30 | MT-962 | MT-963 | 12.00 | MT-964 | 13.20 | | |
| 0-300 | MT-965 | MT-966 | 11.30 | MT-967 | MT-968 | 12.00 | MT-969 | 13.20 | | |
| 0-500 | MT-970 | MT-971 | 11.30 | MT-972 | MT-973 | 12.00 | MT-974 | 13.20 | | |

| DC AMMETERS | | | | | | | | | | |
|-------------|--------|--------|-------|--------|--------|-------|--------|-------|--|--|
| Range | MT-975 | MT-976 | 11.80 | MT-977 | MT-978 | 12.30 | MT-979 | 13.50 | | |
| 0-5 | MT-975 | MT-976 | 11.80 | MT-977 | MT-978 | 12.30 | MT-979 | 13.50 | | |
| 0-10 | MT-980 | MT-981 | 11.80 | MT-982 | MT-983 | 12.30 | MT-984 | 13.50 | | |
| 0-25 | MT-985 | MT-986 | 11.80 | MT-987 | MT-988 | 12.30 | MT-989 | 13.50 | | |
| 0-50 | MT-990 | MT-991 | 11.80 | MT-992 | MT-993 | 12.30 | | | | |

| DC VOLTMETERS | | | | | | | | | | |
|--|--------|--------|-------|--------|--------|-------|--------|-------|--|--|
| 1000 ohms per volt — Film-Type Multiplier Resistors. | | | | | | | | | | |
| Range | MT-994 | MT-995 | 11.80 | MT-996 | MT-997 | 12.30 | MT-998 | 13.50 | | |
| 0-50 | MT-994 | MT-995 | 11.80 | MT-996 | MT-997 | 12.30 | MT-998 | 13.50 | | |

| AC MILLIAMMETERS | | | | | | | | | | |
|------------------|------------------------|------------------------|----------------|------------------------|------------------------|----------------|------------------------|----------------|--|--|
| Range | 231-PL 2 1/2" Round | 237-PL 2 1/2" Rect. | 1 to 9 Each | 331-PL 3 1/2" Round | 337-PL 3 1/2" Rect. | 1 to 9 Each | 430-PL 4 1/2" Rect. | 1 to 9 Each | | |
| 0-100 | MT-999 | MU-10 | 11.40 | MU-11 | MU-12 | 12.10 | MU-13 | 12.80 | | |

| AC AMMETERS | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Range | MU-14 | MU-15 | 11.40 | MU-16 | MU-17 | 12.10 | MU-18 | 12.80 | | |
| 0-5 | MU-14 | MU-15 | 11.40 | MU-16 | MU-17 | 12.10 | MU-18 | 12.80 | | |
| 0-10 | MU-19 | MU-20 | 11.40 | MU-21 | MU-22 | 12.10 | MU-23 | 12.80 | | |
| 0-25 | MU-24 | MU-25 | 11.40 | MU-26 | MU-27 | 12.10 | MU-28 | 12.80 | | |
| 0-50 | MU-29 | MU-30 | 11.40 | MU-31 | MU-32 | 12.10 | MU-33 | 12.80 | | |

| AC VOLTMETERS | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Range | MU-34 | MU-35 | 11.40 | MU-36 | MU-37 | 12.10 | MU-38 | 12.80 | | |
| 0-50 | MU-34 | MU-35 | 11.40 | MU-36 | MU-37 | 12.10 | MU-38 | 12.80 | | |
| 0-150 | MU-39 | MU-40 | 12.80 | MU-41 | MU-42 | 13.10 | MU-43 | 13.80 | | |
| 0-300 | MU-44 | MU-45 | 13.50 | MU-46 | MU-47 | 14.30 | MU-48 | 15.00 | | |

| VOLUME UNIT METERS | | | | |
|--|----------------|------------------------|----------------|--|
| 3900 ohms impedance. 1 milliwatt. Ref. level for 600 ohm line. | | | | |
| 321-PL 3 1/2" Round | 1 to 9 Each | 420-PL 4 1/2" Rect. | 1 to 9 Each | |
| MU-49 | 21.00 | MU-50 | 26.40 | |

| DECIBEL METERS | | | | |
|---|----------------|------------------------|----------------|--|
| Range up 6 down 10db. Zero db = 1.73 volts. Reference level 6 milliwatts. Calibrated for 500 ohm line. Internal resistance 5000 ohms. | | | | |
| 321-PL 3 1/2" Round | 1 to 9 Each | 420-PL 4 1/2" Rect. | 1 to 9 Each | |
| MU-51 | 17.60 | MU-52 | 18.80 | |

| PL METER DIMENSIONS | | | | |
|---------------------|-----------------|-----------|--------|--------|
| Model No | Flange | Body Dia. | Depth | Scale |
| 221-PL | 2 1/2" | 2 1/2" | 1" | 2.197" |
| 227-PL | 2 1/2" x 2 3/8" | 2 3/8" | 1 1/8" | 2.197" |
| 231-PL | 2 1/2" | 2 1/2" | 1" | 1.92" |
| 237-PL | 2 1/2" x 2 3/8" | 2 3/8" | 1 1/8" | 1.92" |
| 321-PL | 3 1/2" | 2 3/4" | 1" | 3.11" |
| 327-PL | 3 3/8" x 3 1/8" | 2 3/8" | 1 1/8" | 3.11" |
| 331-PL | 3 1/2" | 2 3/4" | 1" | 2.65" |
| 337-PL | 3 3/8" x 3 1/8" | 2 3/8" | 1 1/8" | 2.65" |
| 420-PL | 4 1/2" x 4 1/2" | 2 3/4" | 1 1/8" | 4.14" |

* Round + Rect.

SIMPSON WIDE-VUE PANEL METERS



Extra large face. All DC meters (except 0-25 and 0-50 DC microammeters) have self-shielded Core Magnet. Is not influenced by steel or proximity to magnetic fields. Accuracy 2%, except VU meters 5%. Shpg. wt., 1 1/2 lbs.

SPECIAL QUANTITY PRICES
 WRITE FOR QUOTATION IN LOTS OF 10 AND 25

| AC VOLTMETERS | | | | | | | | | |
|---------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Range | Resistance Ohms | 1257 2 1/2" | 1 to 9 Each | 1357 3 1/2" | 1 to 9 Each | 1359 4 1/2" | 1 to 9 Each | | |
| 0-10 | 133 | MU-75 | 12.05 | MU-76 | 12.85 | MU-77 | 14.11 | | |
| 0-150 | 25,000 | MU-78 | 12.79 | MU-79 | 13.67 | MU-80 | 14.70 | | |
| 0-300 | 50,000 | MU-81 | 12.79 | MU-82 | 13.67 | MU-83 | 14.70 | | |

| AC AMMETERS — SELF-CONTAINED | | | | | | | | | |
|------------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Range | Resistance Ohms | 1257 2 1/2" | 1 to 9 Each | 1357 3 1/2" | 1 to 9 Each | 1359 4 1/2" | 1 to 9 Each | | |
| 0-1 | .287 | | | MU-84 | 12.20 | MU-85 | 14.26 | | |
| 0-5 | .012 | | | MU-86 | 12.20 | MU-87 | 14.26 | | |
| 0-10 | .003 | | | MU-88 | 12.20 | MU-89 | 14.26 | | |
| 0-15 | .0015 | | | MU-90 | 12.20 | MU-91 | 14.26 | | |
| 0-25 | .0003 | | | MU-92 | 12.64 | MU-93 | 14.70 | | |
| 0-50 | .0001 | | | MU-94 | 12.64 | MU-95 | 14.70 | | |

| DC GALVANOMETER | | | | | | | | | |
|-----------------|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Scale | Sensitivity Microamps | 1227 2 1/2" | 1 to 9 Each | 1327 3 1/2" | 1 to 9 Each | 1327 4 1/2" | 1 to 9 Each | | |
| 50-0-50 | 500-0-500 | MU-96 | 12.64 | MU-97 | 13.39 | | | | |

| DECIBEL METER REFERRED TO 6 MW 500 OHM LINE | | | | | | | | | |
|---|-------------------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Type | Resistance 5000 ohms | 1347 3 1/2" | 1 to 9 Each | 1349 4 1/2" | 1 to 9 Each | | | | |
| General Purpose | | MU-98 | 18.21 | MU-99 | 19.84 | | | | |

| VU METERS REFERRED TO 1 MW, 600 OHM LINE | | | | | | | | | |
|--|------------------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Type | Range | 1347 3 1/2" | 1 to 9 Each | 1349 4 1/2" | 1 to 9 Each | | | | |
| A Scale | +20 + 3 VU on top arc | MU-100 | 22.05 | MU-101 | 22.05 | | | | |
| B Scale | +20 + 3 VU on bot. arc | | | | | | | | |

| DC VOLTMETERS | | | | | | | | | |
|---------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Range | Resistance Ohms | 1227 2 1/2" | 1 to 9 Each | 1327 3 1/2" | 1 to 9 Each | 1329 4 1/2" | 1 to 9 Each | | |
| 0-10 | | MU-102 | 13.52 | MU-103 | 13.96 | MU-104 | 15.43 | | |
| 0-15 | | MU-105 | 13.52 | MU-106 | 13.96 | MU-107 | 15.43 | | |
| 0-25 | | MU-108 | 13.52 | MU-109 | 13.96 | MU-110 | 15.43 | | |
| 0-50 | 1000 volt | MU-111 | 13.52 | MU-112 | 13.96 | MU-113 | 15.43 | | |
| 0-100 | | MU-117 | 13.52 | MU-115 | 13.96 | MU-116 | 15.43 | | |
| 0-150 | | MU-114 | 13.52 | MU-118 | 13.96 | MU-119 | 15.43 | | |
| 0-300 | | MU-120 | 13.52 | MU-121 | 13.96 | MU-122 | 15.43 | | |
| 0-500 | 2000 volt | MU-123 | 13.52 | MU-124 | 13.96 | MU-125 | 15.43 | | |
| | | MU-126 | 13.96 | MU-127 | 14.70 | MU-128 | 15.87 | | |

| DC AMMETERS — SELF-CONTAINED SHUNTS | | | | | | | | | |
|-------------------------------------|--------------------|--------|----------------|--------|----------------|--------|----------------|--|--|
| Range | Resistance Ohms | MU-135 | 1 to 9 Each | MU-136 | 1 to 9 Each | MU-137 | 1 to 9 Each | | |
| 0-1 | .650 | | | MU-129 | 14.70 | MU-130 | 13.38 | | |
| 0-2 | .025 | | | MU-131 | 14.70 | MU-132 | 13.38 | | |
| 0-3 | .0166 | | | MU-133 | 14.70 | MU-134 | 13.38 | | |
| 0-5 | .010 | MU-135 | | MU-136 | 14.70 | MU-137 | 13.38 | | |
| 0-10 | .0033 | MU-138 | | MU-139 | 14.70 | MU-140 | 13.38 | | |
| 0-15 | .003 | | | MU-141 | 14.70 | MU-142 | 13.38 | | |
| 0-25 | .002 | | | MU-143 | 14.70 | MU-144 | 13.38 | | |
| 0-50 | .001 | | | MU-145 | 14.70 | MU-146 | 13.38 | | |

| DC MICROAMMETERS | | | | | | | | | |
|------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Range | Resistance Ohms | 1227 2 1/2" | 1 to 9 Each | 1327 3 1/2" | 1 to 9 Each | 1329 4 1/2" | 1 to 9 Each | | |
| 0-25 | 2200 | MU-147 | 18.81 | MU-148 | 19.64 | MU-149 | 21.75 | | |
| 0-50 | 2000 | MU-150 | 16.32 | MU-151 | 16.76 | MU-152 | 18.06 | | |
| 0-100 | 2000 | MU-153 | 14.70 | MU-154 | 15.29 | MU-155 | 17.05 | | |
| 0-200 | 1000 | MU-156 | 13.38 | MU-157 | 13.96 | MU-158 | 15.43 | | |
| 0-500 | 200 | MU-159 | 13.85 | MU-160 | 13.67 | MU-161 | 14.85 | | |
| 50-0-50 | 2000 | MU-162 | 14.25 | MU-163 | 15.43 | MU-164 | 17.20 | | |

| DC MILLIAMMETERS | | | | | | | | | |
|------------------|--------------------|--|----------------|---|----------------|---|----------------|--|--|
| Range | Resistance Ohms | MU-165 <th>1 to 9 Each</th> <th>MU-166 <th>1 to 9 Each</th> <th>MU-167 <th>1 to 9 Each</th> <th></th> <th></th> </th></th> | 1 to 9 Each | MU-166 <th>1 to 9 Each</th> <th>MU-167 <th>1 to 9 Each</th> <th></th> <th></th> </th> | 1 to 9 Each | MU-167 <th>1 to 9 Each</th> <th></th> <th></th> | 1 to 9 Each | | |
| 0-1 | 46 | MU-165 | 12.64 | MU-166 | 13.23 | MU-167 | 13.96 | | |
| 0-5 | 23 | MU-168 | 12.64 | MU-169 | 13.23 | MU-170 | 13.96 | | |
| 0-10 | 7 | MU-171 | 12.64 | MU-172 | 13.23 | MU-173 | 13.96 | | |
| 0-25 | 2 | MU-174 | 12.93 | MU-175 | 13.52 | MU-176 | 14.70 | | |
| 0-50 | 1 | MU-177 | 12.93 | MU-178 | 13.52 | MU-179 | 14.70 | | |
| 0-100 | 1.5 | MU-180 | 12.93 | MU-181 | 13.52 | MU-182 | 14.70 | | |
| 0-150 | 1 | MU-183 | 12.93 | MU-184 | 13.52 | MU-185 | 14.70 | | |
| 0-200 | .75 | MU-186 | 12.93 | MU-187 | 13.52 | MU-188 | 14.70 | | |
| 0-250 | .50 | | | MU-189 | 13.52 | MU-190 | 14.70 | | |
| 0-300 | .50 | M | | | | | | | |

LAFAYETTE QUALITY PANEL METERS

NEW! SQUARE PANEL METERS

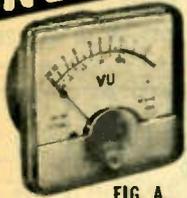


FIG. A

- High Quality D'Arsonval Movements
- Accuracy 2% of Full Scale
- 3 1/8" sq., only 1 1/8" Overall Behind Panel
- Bakelite Cases
- Jewelled Bearings



FIG. B

GENERAL SPECIFICATIONS

High quality, precision built meters with better than 2% of full scale accuracy. 3 1/8" square, 2 3/4 x 1 3/8" dial faces, 1 1/8" overall depth, 1 3/8" behind panel including terminals. Require 2 3/4" diameter mounting hole. 1/4" screw terminals plus solder lugs, 4 threaded mounting studs in corners. Zero adjust screw. Shpg. wt., 1 lb. Imported.

ILLUMINATED SCALE VU METER (FIG. A)

CLEAR PLASTIC FRONT METER — Standard 3900 ohm "B" scale volume indicator calibrated and damped in accordance with standard VU meter practice. Lower scale reads 0-100% modulation, upper scale reads -20 to +3 VU (0 VU corresponds to 100%). Accurate to ±0.2 VU from 35-1000 cps, ±0.5 VU from 30-15,000 cps. With suddenly applied sine wave signal, meter will reach 99% of correct reading within 0.3 seconds; overshoot beyond correct reading is 1 to 1 1/2%. A root-mean-square instrument with full wave bridge rectifier, includes built-in 6-8 volt bulb. Complete with instructions. Imported.

TM-80 Net 7.50

0-50 DC MICROAMMETER (FIG. B)

0-50 DC MICROAMMETER — Highly damped, sensitive movement, calibrated in 50 one-microamp linear scale divisions. Cushioned ceramic bumpers protect pointer against overtravel and damage with moderate overloads. Red pointer. Black Bakelite Front. Imported.

TM-70 Net 7.50

0-1 DC MILLIAMMETER (FIG. B)

0-1 DC MILLIAMMETER — Sensitive, quick-acting basic movement. Linear calibrations in .02 ma. divisions. Black scale, red pointer. Black, Bakelite Front.

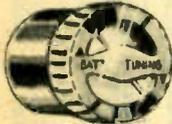
TM-60 Imported Net 3.95

0-150 AC VOLTMETER (FIG. B)

0-150 AC VOLTMETER — Full-wave bridge rectifier type. 1000 ohms per volt. With precision carbon-film multiplier resistor. 5 volts per division, linear scale. Black Bakelite Front. Imported.

TM-50 Net 3.95

NEW! ULTRA-MINIATURE TUNING AND BATTERY METER



ONLY 3/8" IN DIA., 3/4" IN LENGTH

195

This ultra-miniature meter can be installed easily in a 3/4" diameter hole. Its total length (front to back, including lugs for connections) is 3/4" and its reading face is circular, 1/2" in diameter (taking up an area of less than 1/2 square inch!) Current sensitivity: 200 Ma. Internal resistance: 320 ohms ± 10%. Shpg. wt., 3 oz. Imported.

TM-27 Net 1.95

NEW! EDGE-WISE PANEL METERS



VU METER



0-150 AC



0-1 DC

- 2% FULL SCALE ACCURACY
- PRECISION D'ARSONVAL MOVEMENTS
- FRONT PANEL AREA ONLY 3/4x1"

For use where panel space is limited. Requires about 1/2 the panel area of conventional 2 1/2" meters. Lightweight; only 10 ozs. Has precision D'Arsonval meters with 2% or better full scale accuracy. Front panel dimension is 3/4x1". Overall depth is 3 1/2" behind panel including terminals. Has stud-type solder terminals and zero adjust screw. Shpg. wt., 3/4 lbs. Imported

VU METER

VU METER—Calibrated and damped in accordance with standard VU meter practice. Upper scale reads -20 to +3 VU. Lower scale reads 0-100% modulation. Accurate to ±0.5 VU from 30-15,000 cps. Imported

TM-23 Net 5.95

0-150 AC VOLTMETER

0-150 AC VOLTMETER—Full-wave bridge rectifier type. 1000 ohms per volt. 5 volts per division, linear scale.

TM-22 Net 5.69

0-1 DC MILLIAMMETER

0-1 DC MILLIAMMETER—CALIBRATED FROM 0-1 ma in 0.02 ma. divisions. Black scale, red pointer. Imported

TM-21 Net 5.69

NEW! Miniature PANEL METERS

- D'ARSONVAL MOVEMENTS
- BAKELITE CASES • JEWELLED BEARINGS
- 1 1/8" AND 1 1/4" SQ. FACES, 1 1/4" OVERALL BEHIND PANEL • ACCURACY 2% OF FULL SCALE

UNUSUALLY LOW PRICED FOR SUCH EXCELLENT QUALITY! Ruggedly built miniature panel meters with excellent accuracy. Silvered dials and black numerals and pointers. Accuracy 2% of full scale. 1 1/8" square fronts, 1 1/2" overall front-to-back, with 1 1/4" behind panel including 1/4" terminals. Require 1 1/2" diameter round hole in panel, 4 corner holes with 1/4" center. Terminal polarity on DC models clearly marked. Zero adjustment screw on front of panel. Screw terminals. All have clear plastic front except * which have black Bakelite. Clear plastic meters have 1 1/8" dial faces, supplied with mounted screws. Black Bakelite have 1 1/4" faces. Shpg. wt., 8 oz. Imported

ILLUMINATED VU METER

VU METER — Illuminated dial for easy, wide-angle readability at all times. Volume level indicator, calibrated in standard -20 to +3 VU and 0-100% ranges. Uses precision carbon film multiplier resistor and full wave rectifier. Damped in accordance with standard VU meter requirements. Reference level 1 mw in 600 ohm line. 10,000 ohms internal resistance. "0" VU is 1.225 volts sine wave AC across meter connected to 600 ohm source with 600 ohm load. May be used with T-pad attenuator. 0-100% scale used to indicate percent use of transmitter output. Imported

TM-10 Net 3.95

DC MILLIAMMETERS

| | | | |
|--------|----------|--------------|----------|
| TM-400 | 0-1 DC | MILLIAMPERES | Net 3.75 |
| TM-401 | 0-5 DC | MILLIAMPERES | Net 3.75 |
| TM-402 | 0-50 DC | MILLIAMPERES | Net 3.75 |
| TM-403 | 0-100 DC | MILLIAMPERES | Net 3.75 |

DC MICROAMMETER

| | | | |
|--------|---------|--------------|----------|
| TM-200 | 0-50 DC | MICROAMPERES | Net 4.95 |
|--------|---------|--------------|----------|

AMMETERS

| | | | |
|--------|------------|---------------|----------|
| TM-510 | 50-0-50 DC | AMPERES | Net 3.95 |
| TM-511 | 0-10 DC | AMPERES | Net 3.95 |
| | | R. F. AMMETER | |
| TM-500 | 0-5 RF | AMPERES | Net 3.95 |

VOLTMETERS

| | | | |
|---------|----------|-------|----------|
| TM-100 | 0-15 DC | VOLTS | Net 3.75 |
| TM-101* | 0-200 DC | VOLTS | Net 3.75 |
| TM-300 | 0-150 AC | VOLTS | Net 3.75 |
| TM-301 | 0-300 AC | VOLTS | Net 3.75 |

NEW! MINIATURE FM & AM TUNING METERS

NEW! TM-24 EDGEWISE BALANCE & TUNING METER

- Mounts Anywhere—2 3/4"Wx1 1/4"Dx7 3/4"H Overall.

Use these precision moving coil DC Ammeter meter movements as stereo balance indicators or as tuning indicators for FM tuners. Pointer at center of the scale indicates zero or null position. Current Sensitivity: ± 100µa. Complete with installation schematics. Shpg. wt., 1 lb. Imported

TM-24 Net 2.95

- GALVANOMETER MOVEMENT
- 50 µA SENSITIVITY
- FRONT PANEL AREA ONLY 7/8x1"

Miniature FM and AM tuning meters can be easily installed on any tuners. The remarkable sensitivity enables you to tune in stations with surprising ease. Galvanometer movement of the indicator assures complete accuracy. Despite its miniature size, the tuning meter is ruggedly built. Insulation resistance between case and terminals: 20 megohms/500 V. Solder lugs are provided at the back. Plastic case cover. Complete with instruction sheets. Size: 7/8x3/4x1". Shpg. wt., 4 ozs.

FM TUNING METER

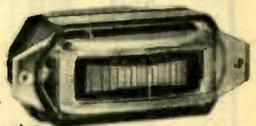
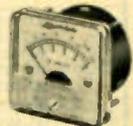
FM TUNING METER. Can be connected between radio detector and AF amplifier. The indicator will rest in the center when station is tuned in. Current sensitivity ±50 microamps DC. Internal resistance about 430 ohms.

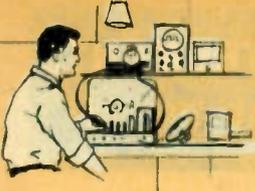
TM-13 Imported Net 2.95

AM TUNING METER

AM TUNING METER. Can be connected into the second IF stage of AM radio. Graduated scale with maximum deflection of pointer indicating station being tuned in.

TM-12 Imported Net 2.95





NEW LAFAYETTE Factory wired and calibrated TEST INSTRUMENTS for dependable electronic servicing.

- Perfect for Engineers, Servicemen, Students and Experimenters
- Quality Assembled Equipment at a **KIT PRICE!**



32⁵⁰

SINE SQUARE WAVE AUDIO GENERATOR

- FACTORY CALIBRATED AND TESTED • LOW DISTORTION • FREQUENCY RANGE - SINE: 20 cps—200 KC IN 4 BANDS; SQUARE WAVE RANGE: 20-25 KC (Vernier Tuned) • ETCHED CIRCULAR DIAL • FREQUENCY RESPONSE - ± 1.508 , 60CPS - 150KC $4\frac{1}{2}$ " VERNIER DIAL

The Lafayette TE-22 is especially designed for radio-TV servicemen, Hi-Fi fans and students who require a dependable sine and square wave generator at low prices. A completely wired and tested instrument, it is equal in quality to higher priced separate generators and far more convenient to use. A terrific buy, this generator will outperform most higher priced kits with ease. Among its many applications are square wave testing of audio amplifiers, determining the frequency and transient response of loudspeakers, TV audio circuit testing and many other uses. Quality features consist of a frequency response of ± 1.5 db from 20 cps to 200,000 cycles in 4 bands. A large easy-to-read etched dial (vernier tuned) adds a professional quality touch. Variable attenuator prevents overloading circuits and permits proper tracking of test responses. A full wave power supply is incorporated to provide low distortion and constant output. Factory wiring and calibration insure its accuracy to be within 3%. High output voltage is 7 volts (max.) across a 1 megohm load. A rugged steel cabinet and shock proof mountings protect components, complete with instructions and test leads. A handsome instrument — one which you will be proud to own. Imported

TE-22 Net 32.50

SPECIFICATIONS

Frequency range: Sine wave; 20-200,000 cps in 4 bands.
Square wave— 60-30,000 cps.
Output Voltage—Sine: 7V RMS; Square 7V P-P.
Output Impedance—0-5000 Ohms. Frequency Accuracy: $\pm 3\%$.
Distortion: Less than 2%.
Tube Complement: 1-68M8, 1-12AT7, 1-6X4
Power requirements: 117V 50/60 cps, 19W.
Gray wrinkle steel case with leather carrying handle.
Complete with a pair of test leads.
Size: 7H x 10 $\frac{1}{2}$ W x 5 $\frac{3}{4}$ "D. Shpg. wt., 10 lbs.



27⁹⁵

RF SIGNAL GENERATOR

- FACTORY CALIBRATED AND TESTED • SIX BANDS: 120 KC - 260 MC
- DUAL OUTPUT RF TERMINALS • SEPARATE VARIABLE AUDIO OUTPUT
- DIAL CALIBRATION $\pm 2\%$ • ETCHED CIRCULAR DIAL - (Vernier Tuned)

A stable, wide-range signal generator engineered to fill the need for an accurate low cost service instrument. Saves you time and money compared to spent building a kit of lesser quality. Since the delicate oscillator coils and tuning assembly are factory mounted and adjusted for optimum performance, the TE-20 is ready to go to work for you the instant you unpack it. This top-flight signal generator can be used for IF-RF alignment, audio signal tracing of TV, FM and AM sets. TV linearity checks and 400 cycle audio testing. In addition, it can serve as a marker generator when used with a suitable sweep generator. Look at some of the TE-20's features which make it the service instrument buy of the year. Incorporates a large $4\frac{1}{4}$ " etched circular dial for easy, accurate frequency adjustments. Provides a fundamental frequency output of 120 KC to 130 MC in 6 bands plus a calibrated harmonic output of 120 mc to 260 MC. The built-in audio oscillator operates at 400 KC with adjustable output to 8 volts. Continuously variable RF attenuator for proper signal attenuation and two plug-in RF output terminals provide a choice of high and low outputs for maximum flexibility. High output and tuning dial calibration of $\pm 2\%$ give evidence of features not found elsewhere at twice its price. Imported

TE-20 Net 27.95

SPECIFICATIONS

Full frequency range: 6 Fundamental bands—120-320 Kc 320-1000 Kc.
1-3.4 MC, 3.2-11 MC, 11-38 MC, 36-130 MC; One harmonic band 120-260 MC.
Frequency Accuracy: $\pm 2\%$. Audio Output: to 8 volts.
Large $4\frac{1}{4}$ " Etched Circular Dial (Vernier tuned)
High-Low RF Output Terminals.
Tube Complement: 12BH7A, 6AR5, Selenium Rectifier.
Power Requirements: 105-125VAC 50/60 Cps., 12 Watts.
Attractive gray wrinkle steel case with leather carrying handle.
Complete with test leads. Size: 7H x 10 $\frac{1}{2}$ W x 5 $\frac{3}{4}$ D. Shpg. wt., 9 lbs.



LAFAYETTE PRECISION 'LAB' TEST INSTRUMENTS

LABORATORY INSTRUMENTS AT PRACTICAL PRICES!

NEW!

LAFAYETTE COMBINATION SIGNAL GENERATOR AND SIGNAL TRACER KIT



Another Outstanding Achievement by Lafayette Test Equipment Engineers

SEMI-KIT CONSTRUCTION!!! This unit uses proven semi-kit construction with all major components premounted and tested at the factory.

SIGNAL TRACER

- Hi-gain Cascode Pre-amplifier
- Front Panel Output For VTVM, Scope or Phones
- Low Distortion Triode Output Stage
- 4½" Permanent Magnet Speaker
- Separate R.F. and Audio Signal Probes

SIGNAL GENERATOR

- Covers From 250 KC to 120 MC in 5 Bands
- High Stability Electron Coupled Oscillator
- Attenuator For Both RF and Audio Circuits
- Most Used Frequencies Marked on Panel in Color
- Utilizes New Ruggedized Industrial Type Tubes

Two test instruments in one! And available in easy-to-build kit form. The Signal Generator will serve as a full service instrument and the Signal Tracer will follow any signal whether generated by a broadcasting station or injected by the Signal Generator section of the Model KT-208. When used in combination, with no dependence on outside signals, the compatibility of Model KT-208 provides ideal service, for unlike any standard signal tracer, it first injects its own signal then traces that controllable signal to locate the source by standard signal tracing technique. Designed for use with AM, FM, TV and audio circuitry. Features 5 frequency ranges and an attenuator switch to control both the R.F. signal (either modulated or unmodulated) and the 400 cycle audio tone. Front panel output jacks which can be used for oscilloscope, VTVM or earphone connections.

Famous Lafayette kit building manual with large pictorials will make it a pleasure to build. Housed in a beautiful crackle finish steel cabinet with a deep etched aluminum panel. Dimensions: 7½x9½x5¾". Complete with 2 probes. Shpg. wt., 9 lbs. This unit uses proven semi-kit construction with all major components premounted and tested at the factory. All you have to do is wire it up!
KT-208 Kit Net 19.95

SPECIFICATIONS

RANGE: Band A: 250KC to 850KC; B: 850KC—300MC; C: 3.0MC to 11MC; D: 11MC to 45MC; E: 35MC to 120MC; 400cps audio signal; modulation slide switch, RF/AF attenuator and power switch; Signal output jack; AF Input Jack. 2 Preamp. output jacks. 4½" alnico 5 speaker. Tubes: 5965, 5687, 6350, 6AG5.

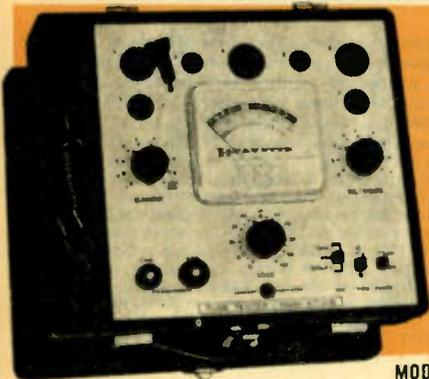
ONLY

19⁹⁵

NO MONEY DOWN

KT-208

NEW! LAFAYETTE TUBE TESTER KIT TESTS TUBES IN SECONDS



- Test Over 1,000 Tube Types
- Checks For Shorts and Leakages Between All Elements
- Tests Filament Continuity
- Checks All Modern Tubes
- Five Year Free Tube Data
- 7 and 9 Pin Tube Straighteners
- Rugged, Accurate, Meter Movement With Sealed Air Damping Chamber

17⁹⁵

SEMI-KIT CONSTRUCTION!

This unit uses proven semi-kit construction with all major components premounted and tested at the factory.

MODEL KT-209

Features & Specifications:

The KT-209 is a complete portable tube tester designed to test the modern tubes found in radio, TV and hi-fi amplifier systems. Speedy operation is assured by use of a single rotary switch in place of one-at-a-time slide switches normally used. Just insert tube in one of the seven panel sockets, set filament selector switch and then rotate the Element switch. Shorts show up instantly on the "leakage indicator" lamp. Tube emission quality is indicated on the highly damped meter's calibrated "Good—?—Bad" scale. A two position slide switch for regular or special higher voltage tubes sets up the meter test. 7 and 9 pin straighteners are provided to insure long life for these sockets. Superbly detailed, step-by-step Lafayette instruction manuals with giant diagrams will assure you of factory-type assembly. This unit uses proven semi-kit construction with all major components premounted and tested at the factory. All you have to do is wire it up! American made, and replacement parts are always available if needed. No finer value available anywhere. Housed in a portable leatherette carrying case with removable cover for easy accessibility. This unit uses proven semi-kit construction with all major components premounted and tested at the factory. Dimensions: 10½x8¾x3½".
KT-209 Kit Shpg. wt., 6 lbs. Net 17.95

NEW! INSULATION RESISTANCE METER



Not a Kit completely
 Factory Wired & Tested

ONLY

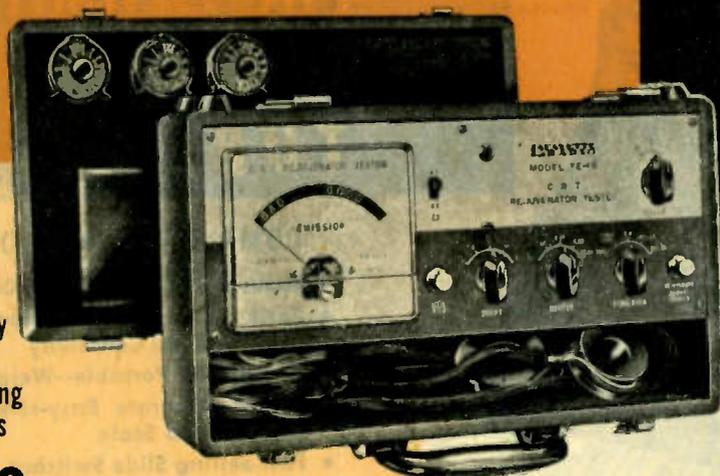
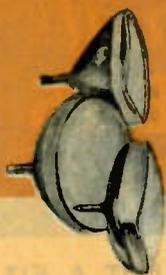
17⁹⁵

TE-45

- For Hams, Experimenters, Industry
- 2% Meter Accuracy
- Big Megohm/Voltmeter
- Complete with Test Leads

The TE-45 is a special purpose test instrument designed to measure the insulation resistance of transformers, coaxial cables, capacitors, rotating machinery, appliances and other electrical equipment. Breakdown voltage of wires and components can be checked with complete safety. Carefully engineered, the TE-45 uses the finest construction and layout available. Rugged ceramic voltage selection switch, selects either 250 megohms/500 volt range or 500 megohms/1000 volt range. Half wave voltage rectifier tube is mounted in a ceramic socket. All components are neatly wired and positioned to assure long life and trouble-free operation. Uses large easy-to-read 200 uA, megohm/voltmeter which features 2% accuracy. Other controls include zero adjust, on/off and selection switch for Voltage Breakdown/Insulation. Comes complete with test probes and gray wrinkle finish metal case. For 117V 60 cycles AC. Size: 7½x5x4¾".
TE-45 Shpg. wt., 7 lbs. Net 17.95

NEW! LAFAYETTE MODEL TE-19 CRT REJUVENATOR TESTER



- Checks and Corrects Each Gun of Color Tube Separately
- Rejuvenates All TV Picture Tubes Including Color and 110° Types

- Factory Wired & Tested

39⁵⁰ NO MONEY DOWN

- Locates TV Tube Defects

FOR BUDGET TERMS SEE PAGE 381

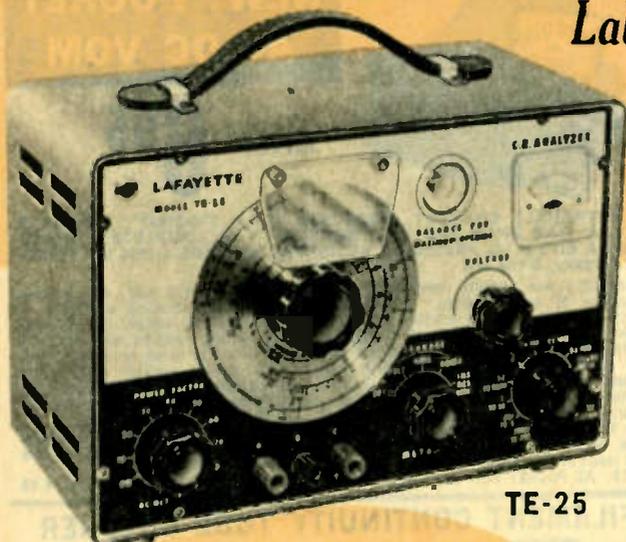
The fabulous TE-19 is a "must" for every TV service shop. It will quickly pay for itself in time saved and money earned. Light in weight, completely portable, The TE-19 is ideal for "in the home" service calls. Solves most picture tube problems usually encountered without any fuss. Cuts service operating costs, makes your home visits more profitable. This quality factory wired and tested instrument rapidly checks and corrects black and white and color TV picture tubes including 110° types without removing them from the set. All controls are functional and clearly marked. Factory assembled, hand wired circuit assures long, trouble-free service. Needs only seconds to warm up and short test may be made without warm-up. Restores brightness and emission to old CRTs. Rejuvenates all cathode ray tubes. Lens type neon lamp lights when tube filaments are shorted.

Nothing could be simpler. Determines quality of CRTs by means of an emission test. Large 4½" meter gives legible readings at a glance with colored Good-Bad scale. Neon tube provides positive leakage indication. Selector switch provides a choice of dual filament voltages of 6.3 V and 12.6 V. Checks and corrects each gun of color tube separately. Repairs inter-element shorts and open circuits. Includes 3 additional tube socket adaptors for 110° deflection type tubes. Operates on 105-125V 60 cycle AC. Handsome portable leatherette covered gray case with detachable top. Size: 4½"x7"x13½". Shpg. wt., 9 lbs. Imported

TE-19 Net 39.50
Adapter for new 23EP4 picture tube Net 1.50
TE-26

LAFAYETTE CAPACITANCE-RESISTANCE ANALYZER

Laboratory-Quality Test Instrument



TE-25

- Factory Wired and Tested • Capacitance Bridge Circuit
- Direct Reading Scales for Capacitance and Resistance
- "Magic-Eye" Null Indicator and Meter
- Checks Opens, Shorts, Leakage and Intermittents
- Determines Power Factor of Electrolytics
- 2 Turns Ratio Scales • Measures Impedance

QUALITY PERFORMANCE AT KIT PRICES

Here is a real service value which can do wonders in your shop or lab. The TE-25 is a completely self-contained AC operated, bridge-type capacitance — resistance analyzer which has a number of time saving applications. It is a high caliber, factory built instrument, not a kit. All readings are made directly without complex, time wasting calculations. "Lab" accuracy within ± 5% for values to 200 mfd and ± 5% from 200 mfd up. It measures capacity and resistance in 4 separate ranges — from 1 mmf — 5000 Mfd and from 0.5 ohms — 500 megohms on a large permanently etched circular metal scale. You will find it invaluable for the following jobs: Measurement of Capacitance for paper, mica, ceramic and electrolytic capacitors. Resistance measurement. Power Factor measurement on electrolytics from 0-55%; shorts, opens and leaky capacitors. Also determines turn and impedance ratio of audio and power transformers. Read insulation resistance of paper, mica and ceramic capacitors directly on meter to 500 megohms. Eliminates guessing with neon lamps. DC voltage may be varied up to 600 volts to find leakage current of electrolytics. Two ranges (0-6) (0-60) ma is directly read on meter. No guesswork is necessary. Ratio scales are provided to measure impedance and turns ratio of power and audio transformers (to 500:1) in 2 ranges. "Magic-Eye" tube shows capacitance null indication — opens, shorts for electrolytics, a calibrated power factor control is provided to check capacitor efficiency. No service shop or laboratory should be without one. Shpg. wt., 12 lbs. TE-25 Net 37.50

SPECIFICATIONS

Capacity, 4 Ranges — .0001 mfd — .005 mfd; .001 mfd — .5 mfd; .1 mfd — 50 mfd; 50 mfd — 5000 mfd. Resistance — 4 Ranges — 0.5 ohms — 500 ohms; 50 ohms — 50K ohms; 5K ohms — 5 megohms; 5 megohms — 500 megohms. Transformer Turns Ratio — 1:1 — 10:1; 10:1 — 500:1. Impedance Ratio: — 1:1 — 100:1; 100:1 — 250K:1. DC Leakage Test — Voltages: 0-600 Volts DC. Leakage Current — 0MA — 60 MA — 2 Ranges. DC Insulation Test — 600 Volts Constant — 10 megohms — 500 megohms. Tube Complement: — 1—6R4; 1—6E5. Power: — 117V; 50/60 cps AC. Size: 10½"Wx7Hx5¼"D. Complete with instructions and test leads. Handsome grey wrinkle steel case with leather carrying handle. Imported

NO MONEY DOWN

37⁵⁰

EASY BUDGET PLAN SEE PAGE 381



The Sensational LAFAYETTE TE-15 TUBE TESTER

COMPLETELY WIRED — NOT A KIT

- Accurately Checks Over 1000 Different Tubes
- Tests for Cathode Emission, Leakage and Shorts plus Filament Continuity
- Completely Portable—Weighs Only 6 lbs.
- Highly Accurate Easy-to-Read Meter with Replace—Good Scale
- Fast-Setting Slide Switches
- Slide Out Tube Chart

Highly dependable, the Lafayette TE-15 is equipped to test most of the tube types employed in Radio, Hi-Fi, Monochrome, Color TV, etc. Sockets have been provided for 7-pin miniature, 9-pin miniature, octal base, loctal base, noval and sub-miniature types. A special alligator clip lead is furnished for testing tubes with top caps. Slide switches are employed to connect the various tube elements to their respective test circuits. A 3-position tube slide switch adjust for checking shorted elements, cathode emission and filament continuity. In conjunction with the leakage-quality switch a leakage indicator light is employed which glows when-on. Inter-element short or leakage is present in a tube. A power switch turns the unit on and additionally serves to adjust for various AC line voltages. Large easy-to-read meter calibrated 0-100 has a red-green "Replace—Good" scale, plus a special scale for checking diodes.

A handy slide out metal tray contains tube charts which facilitate rapid selection of test settings. Metal case is attractively finished in cream and steel gray. Completely portable—weighs only 6 lbs. and measures 8 1/8" D x 9 3/4" W x 2 3/8" H. Supplied with carrying case. For 105-125 volts, 60 cycle AC. Shpg. wt., 7 lbs. Imported TE-15 Tube Checker Net 19.95

**LOW,
LOW PRICE!**

19⁹⁵

**FULL
SIZE
9 3/4" W
x 8 1/8" D
x 2 3/8" H**

An accurate, versatile, precision instrument that actually tests over 1000 different tubes. The low cost and superior performance of the Lafayette TE-15 Tube Tester combine to make it the outstanding test instrument value today... the ideal tube tester for any radio-TV serviceman, experimenter, technician, etc.

NEW! POCKET AC-DC VOM 20,000 OHM PER VOLT MULTITESTER SEMI-KIT

A New Kind of Kit
THE DIFFICULT WORK IS
ALREADY DONE



11⁹⁵

- 20,000 OHMS PER VOLT DC
- 40 MICROAMPERE 3" D'ARSONVAL METER MOVEMENT
- 10,000 OHMS PER VOLT AC

The semi-kit is a new concept in test equipment kits. All the important or difficult parts are already mounted. All that remains to be done is to mount and wire in a few small parts—a job so simple you'll finish before you realize it, and best of all, you'll have one of the finest high sensitivity multimeters on the market. When used in a circuit, the high input resistance on all DC and AC ranges does away with the highly inaccurate readings common to low resistance testers which load the circuit. Ranges: DC Volts, 0-10-50-250-500-1000; AC Volts, 0-10-50-250-500-1000; DC CURRENT, 0-500 μ A, 0-10-250 ma; OHMS, 0-10K-100K-1 meg; DECIBELS, —20 to +36; PLUS 0-5000 henries and 250 mmf. to .02 mfd. Black case 5 3/4 x 3 3/4 x 1 1/8". Complete with test leads, all parts, and instructions and battery. Shpg. wt., 3 lbs. Imported

TK-10 KIT Net 11.95
TE-37 Felt-lined carrying case for above instrument Net 2.95

NEW! POCKET AC-DC VOM



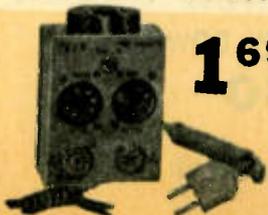
ONLY **6⁹⁵**

- EXTREMELY COMPACT, MEASURES ONLY 3 7/8 x 2 1/4 x 1 1/8". WEIGHS 5 OZS.
- 1,000 OHMS PER VOLT SENSITIVITY
- COMPLETELY WIRED (NOT A KIT)
- 1% PRECISION RESISTORS
- READS 0-1000 VOLTS AC-DC 0-100K Ω , 0-150 MA

Lafayette's new, pocket multimeter features small physical size, and a wide selection of useful ranges. It can be used for trouble-shooting any type of electronic circuits or electrical appliances such as irons, lamps, radios, television, hi-fi equipment, etc. It is also useful for testing complex electrical circuits. Extreme portability allows unlimited usage either at home or in the field. 1000 ohms per volt sensitivity, and 1% precision resistor components assure accurate, precise readings. Operation is extremely easy, simply plug the leads into the desired scale, and you are ready to go, no switching or fidgeting required. Ranges Volts: 0-15-150-1000 AC and DC. Ohms: 0-100K, MA: 0-150. The VOM comes completely wired and tested, and is enclosed in durable plastic case. All accessories including battery are rubber insulated, color coded, flexible test leads are supplied. Imported

TE-13 AC POCKET VOM Shpg. wt., 1 lb. Net 6.95

FILAMENT CONTINUITY TUBE CHECKER



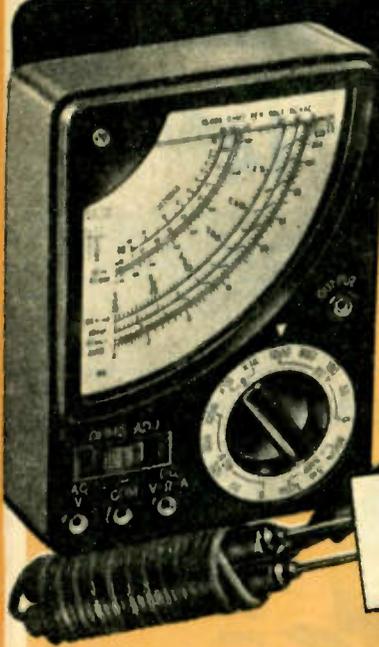
1⁶⁹

Small and compact as a cigarette box. Quickly checks filament continuity in a matter of seconds. Ideal for the serviceman or the technician working in the field. Tests filaments of radio, TV picture tubes. Also can be used to test many other electrical devices and line cords, fuses, lamps and bulbs. Has sockets for TV picture tube and loctal, octal, 9-pin, as well as 7-pin sockets. Provided with two test leads. Grey hammertone finish. Size: 4x3x1 1/2". Shpg. wt., 12 oz. TE-11 Imported Net 1.69

SENSATIONAL VALUES IN MULTITESTERS

NEW! 10,000 OHMS PER VOLT MULTITESTER ON BOTH AC AND DC

OUTPERFORMS INSTRUMENTS MANY TIMES ITS SIZE



9.95

- EXTRA LARGE 3½" METER FACE
- COMPLETELY WIRED (NOT A KIT)
- ALL ACCESSORIES INCLUDED

FULL SCALE RANGES

DC VOLTS: 0-6; 0-30; 0-120; 0-600; 0-1200; AC VOLTS: 0-6; 0-30; 0-120; 0-600; 0-1200; DC CURRENT: 0-120μA; 0-3M; 0-300M RESISTANCE: 0-30K; 0-3 MEG DECIBELS —20 to +63 in 5 scales; Capacity 50 μμF to .01μF; and .001μF to .15μ; OUTPUT RANGES 0-6; 0-30; 0-120; 0-600; 0-1200.

Unbelievable Bargain. Lafayette's new multitester is a complete factory wired and tested instrument (not a kit). It can be conveniently carried in the pocket, and features unusually sensitive 10,000 ohms-per-volt AC-DC meter, 1% precision resistors, and the largest meter ever placed on an instrument of this size. Single easy-to-use range selector switch can be appreciated by the novice and the engineer alike. Case and panel are made of durable bakelite. First capacity range requires 120 volts AC, second range requires 6 volts AC. Probes and flexible leads are plastic coated and color coded. Size 4½ x 3½ x 1½. Complete with leads and battery. Shpg. wt., 1½ lbs. Imported

TE-10 Net 9.95
 Pigskin carrying case for TE-10. Shpg. wt., 8 ozs. Net 1.95
 TE-14

NEW! 20,000 OHMS PER VOLT MULTITESTER



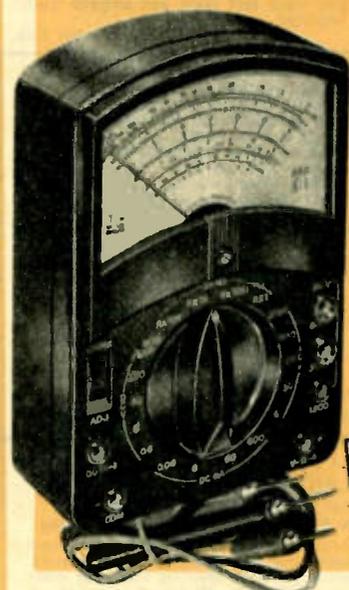
- 20,000 OHMS PER VOLT DC—10,000 OHMS PER VOLT AC
- 40 MICROAMPERE 3" D'ARSONVAL METER MOVEMENT
- HIGH INPUT RESISTANCE ON ALL DC AND AC RANGES

13.50

This new multitester has extra-luxury features, found in the most costly instruments. Easy-visibility is provided by the large 3" meter with two color scales for easy visibility. The 40 micro-ampere meter movement

permits a high input resistance on all ranges: 20,000 ohms per volt on DC; 10,000 ohms per volt on AC. This plus 1% tolerance resistors all the measuring of voltages without unduly loading the circuit, thus preserving accuracy of readings. Besides the extreme sensitivity and superior versatility of this instrument, it features ranges not found on other, competitively priced VOM's. Measures 0-10-50-250-500-1000 DC volts, 0-10-50-250-500-1000 AC volts, 0-10K-100K-1 meg ohms, 0-500 microamperes, 0-10-250 milliamperes, —20 to +36 decibels, PLUS two special ranges 0-5000 henrys inductance and 250 mmf to .02 mfd capacity. Employs one standard 1½ v panlight battery. Size 3¾x5¾x1¾". Shpg. wt., 3 lbs. RW-60 Multimeter Imported Net 13.50
 TE-37 Felt-lined carrying case for above instrument Net 2.95

NEW HIGH SENSITIVITY MULTITESTER



- 20,000 OHMS PER VOLT DC
- 10,000 OHMS PER VOLT AC
- RESISTANCE RANGE 0-60 MEGOHMS
- 40 μA MOVEMENT
- 1% RESISTORS
- 0-0.6 VOLT DC RANGE FOR AUDIO AND TRANSISTOR WORK
- COMPLETELY WIRED
- 28 RANGES

17.95

A new high-quality, low-priced multitester. Its light weight makes it a perfect portable instrument for technicians, servicemen, etc. Rugged design withstands hard use. Features large easy-to-read meter and sensitive 40 microamp meter movement. 1% tolerance resistors provide extreme accuracy of measurements. Housed in rugged bakelite case. Single knob selector and clearly marked positions permit easy operation. Recessed zero-ohms knob adjustment provided. Features sensitivity of 20,000 ohms/volt DC, and 10,000 ohms/volt AC. Ranges—DC volts: 0-0.6, 0-6, 0-30, 0-120, 0-600, 0-1200, 0-3000, 0-6000 volts. AC volts: 0-6, 0-30, 0-120, 0-600, 0-1200 volts. Resistance: PX1, RX100, RX1K, RX10K. DC current: 0-0.06, 0-6, 0-60, 0-600 ma. Decibels: —20 to +17 (0 db — 0.774 V). Capacity: .0001-.01, .005-.20 mfd. Output ranges: 0-6, 0-30, 0-120, 0-600, 0-1200 volts. Complete with heavy duty test probes and battery. Size: 6x3¾x1¾". Imported TE-12 Shpg. Wt., 1¼ lbs. Net 17.95
 TE-37 Felt-lined carrying case for above instrument Net 2.95

LAFAYETTE OFFERS OUTSTANDING VALUES IN TEST EQUIPMENT

MODEL TE-44 CAPACITOR CHECKER

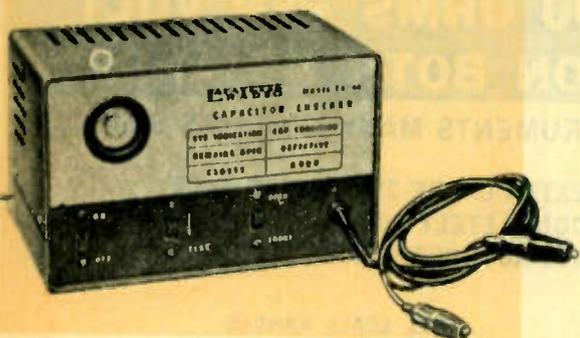
- Checks Capacitors Without Disconnecting Leads
- Tuning Eye Indicator
- Not A Kit—Completely Wired & Tested

14⁹⁵

The TE-44 allows you to check most capacitors, from 10 mmfd. to 2,000 mfd. for open or shorted conditions without unsoldering—no leads to disconnect. Tests for opens on capacitors of 10 mmfd. or more; for shorts up to 2,000 mfd. shunted by not less than 10 ohms. If capacitor is intermittent, tuning eye indicator will flicker. Ideal for checking bypass, blocking and coupling capacitors. Uses a 20-24 MC frequency for "open" test and a 60 cps frequency for "short" test. Complete with test leads and mounted in an attractive gray wrinkle-finish metal cabinet. Tubes: 1-6C4, 1-6E5. Built-in power supply uses a selenium rectifier. Size: 7 $\frac{1}{4}$ "x5 $\frac{1}{2}$ "x4 $\frac{1}{2}$ " D. Shpg. wt., 5 lbs.

TE-44 Imported

Net 14.95



NEW! CAPACITANCE SUBSTITUTION BOX

295

- 36" Color Coded Test Leads & Clips
- 9 Ranges from .0001 to 22 MFD

A must for the serviceman, experimenter or student. Fast accurate selection of any one of 9 capacitor values from .0001 to 22 MFD. Condensers are porcelain cased tubular type impervious to moisture and are rated at 600 volts working capacity. 9 capacitance ranges are .0001, .0022, .0047, .01, .022, .047, .1 plus 22 MFD. Complete with 36" red and black test leads and alligator clips. Size: 4 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". Shpg. wt., 1 $\frac{1}{2}$ lbs. Imported

TE-16

Net 2.95

NEW! RESISTANCE SUBSTITUTION BOX

395

- 24 Resistance Ratings
- Two Ranges—Low 15-10K Ohms. High 15K-10 Meg-ohms.
- 36" Red & Black Test Leads with Alligator Clips

Ideal for laboratory or service application. Substitute resistance values fast and accurately in trouble shooting circuits where values may have changed. Easy to find bias resistance in experimental vacuum tube or transistor circuits. Slide switch selects two ranges—Low: 15 ohm — 10K ohm (1 watt resistors) High: 15 K ohm — 10 Megohms (1/2 watt resistors). Two rotary switches (12 steps each) selects 24 separate resistances. Size 4 $\frac{3}{4}$ "x2 $\frac{3}{4}$ "x1 $\frac{3}{4}$ ". Shpg. wt., 1 $\frac{1}{2}$ lbs. Imported

TE-17

Net 3.95



NEW! VOLT-OHM-MILLIAMMETER SUPERTESTER

- Has 6" Full-View Meter

A combination Volt-Ohm-Milliammeter with 29 ranges: DC Volts, 0 to 7.5/15/75/150/750/1500; AC Volts, 0 to 15/30/150/300/150/3000; DC Current, 0 to 1.5/15/150MA — 0 to 1.5/15 Amps; Resistance, 0 to 2000/200,000 Ohms — 0 to 20 Megohms; Capacitance, .001 to 1 Mfd — 1 to 20 Mfd; Inductance, .35 to 7 Henries — 7 to 7000 Henries; Decibels, —6 to +18 — +14 to +38 — +34 to +58. Two separate BAD-GOOD scales on the meter are used for direct-reading tests of the following components: All Electrolytic Condensers from 1-1000 Mfd, All Selenium Rectifiers, All Silicon Rectifiers, All Germanium Diodes, All Silicon Diodes. Complete with test leads and operating instructions. Size: 6 $\frac{1}{4}$ "x7 $\frac{1}{2}$ "x4 $\frac{3}{4}$ " D. Shpg. wt., 5 lbs.

TE-711

Net 27.83

ONLY

2783

NO MONEY DOWN

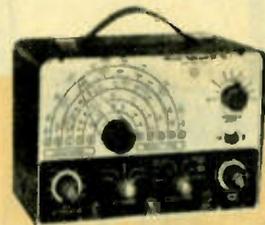
BUY ON TIME SEE PAGE 381



NEW! GENOMETER

— 7 SIGNAL GENERATORS IN ONE

- RF Signal Generator for AM
- RF Signal Generator for FM
- Audio Frequency Generator
- Bar Generator
- Cross Hatch Generator
- Color Dot Pattern Generator
- Marker Generator



ONLY **3773** NO MONEY DOWN

FOR BUDGET TERMS SEE PAGE 381

A versatile all-inclusive Generator which provides all the outputs for servicing AM Radio, FM Radio, Amplifiers, Black and White TV, Color TV. SPECIFICATIONS: RF Signal Generator — Provides complete coverage for AM and FM alignment. Generates radio frequencies from 250 KC to 45 MC on fundamentals and from 35 MC to 120 MC on powerful harmonics. Cross Hatch Generator — Will project a cross-hatch pattern on any TV picture tube. The pattern will consist of non-shifting, horizontal and vertical lines interlaced to provide a stable cross-hatch effect. Variable AF Generator — Provides a fixed 400 cycle sine-wave or a variable 300-20,000 cycle peaked wave audio signal. Dot Pattern Generator — The dot pattern projected on any Color TV picture tube enables you to adjust for proper color convergence. Bar Generator — Projects an actual bar pattern of 4-16 horizontal bars or 7-20 vertical bars on any TV receiver screen. Marker Generator — Provides 9 most frequently needed marker points (262 KC, 456 KC, 600 KC, 1000 KC, 1600 KC, 2500 KC, 3-579 MC, 4.5 MC, 10.7 MC). Complete with shielded leads and operating instructions. Size: 10Wx7Hx5 $\frac{1}{4}$ " D. Shpg. wt., 7 lbs.

TE-710

Net 37.73

NEW! SENCORE PS-120 PROFESSIONAL WIDE-BAND 3" OSCILLOSCOPE

- A Must for Color TV Servicing—3.58 MC Color Burst Signals Can Be Seen Individually

The PS-120 is a modern three inch professional wide band portable oscilloscope, all hand wired. Designed for: Trouble shooting black and white TV, Audio, AM-FM, All Alignment work and on-the-job color TV Trouble Shooting. Vertical amplifier frequency response: Flat within 1/2 db from 20 cps to 5.5 MC, 3 db down at 7.5 MC, usable to 12 MC. Horizontal amplifier frequency response: Flat within —3 db from 45-330 KC, Flat within —6 db from 20-500 KC. Vertical deflection sensitivity: .035 volt rms inch. Horizontal deflection sensitivity: .051 volt rms inch. Vertical input resistance and capacitance: 2.7 meg., .99 mmfd. Horizontal Input resistance: 330K to 4 Meg. Sweep circuit characteristics: 4 ranges, 15 cps to 150 KC; Sync Range, 15 cps to 8 MC — usable to 12 MC. 1000 volts peak-to-peak maximum AC input voltage. For 105-125 volts, 50-60 cps AC. Size: 7Wx9Hx11 $\frac{1}{4}$ " D. Shpg. wt., 12 lbs.

TE-659WX

Net 121.91

12191

EASY PAY PLAN SEE PAGE 381



"MOSQUITO" SIGNAL INJECTOR



Amazing AF and RF transistorized signal injector has the size of an ordinary fountain pen. Ideal for field, bench and laboratory troubleshooting. Excellent for servicing radios, TV, hearing aids, amplifiers, telephones, earphones, tape recorders, cart-ridges, speakers, etc. Perfect for continuity checks of resistors, capacitors, etc. Provides a 2000 cps test tone and generates radio frequencies on harmonics. Has one penlight battery with average life of about 1 year. Just 6" long. Shpg. wt., 3 oz.

TE-498

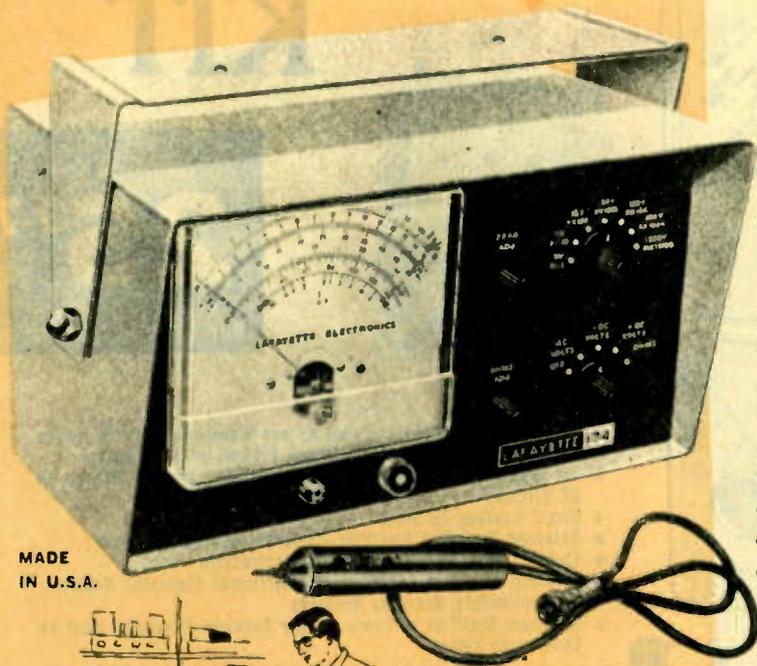
Net 9.95

NOW-LABORATORY QUALITY TEST EQUIPMENT IN EASY-TO-BUILD KIT FORM

LAFAYETTE KT-174 PEAK-TO-PEAK

V.T.V.M. KIT

THE ONLY V.T.V.M. AVAILABLE WITH THESE FEATURES



MADE IN U.S.A.

- 10 AC Ranges—Measures as Low as 1 MV
- Regulated Power Supply Ensures Accuracy From 105-125 AC Line Voltage
- Scope Monitor Terminals
- 13 Megohms Input Impedance on 1500V AC Range
- 2% Accuracy On DC—3% Accuracy on AC
- Separate DC+ and DC- Calibration Controls
- Deposited Metal Film 1% Resistors For Precision & Stability
- Easily Calibrated Without Removing Cover
- Printed Circuit Construction
- Modern Styling with Etched Front Panel

NO MONEY DOWN



KT-174 | TE-31
44.50 | 57.00
 IN KIT FORM | COMPLETELY WIRED AND TESTED

COMPARE THESE SPECIFICATIONS

DC Voltmeter
 Ranges: 0-1.5, 5, 15, 50, 150, 500, 1500V
 Input Resistance: All ranges—11 Megohms
 Sensitivity—1.5V Range: 7.3 Megohms/Volt
 Accuracy: ± 2% of full scale at 117VAC—deviation due to line voltage variation between 105-125 volts is negligible
AC Voltmeter
 Low AC
 Ranges: RMS-0 to 50 mv, 0-150 mv, 0-500 mv
 Peak-To-Peak—0-140 mv, 0-420 mv, 0-1400 mv
 Accuracy: ± 5% of full scale
 Input Impedance: 1 megohm at 1 KC
 Freq. Response: ± 1 db from 20 to 300,000 cps from 600-ohm source
Regular AC
 Ranges: RMS—0-1.5, 5, 15, 50, 150, 500, 1500 volts

Peak-To-Peak: 0-4.2, 14.0, 42, 140, 420, 1400, 4200 V
 Accuracy: 3% on all ranges except 5% on 0 to 5V
 Decibels: —10 to +5
 Freq. Response: ± 1 db 20 cps to 4 mc from 600-ohm source
 Input Impedance at 1KC: 0-1.5v, 5v, 15, 50-. 63 Meg. 0-150v, 1.3 meg.—0-500v, 1500v—1.5 meg.
Dhmmeter
 7 Ranges: 0-1000 Rx1, Rx10, RX100, RX1000, RX-10K, RX100K, RX1M using precision 1% dividing resistors.
 Meter Movement: 200- μ a for full scale deflection
 Tubes: 1—8BN8 AC full-wave peak rectifier and low AC amplifier; 1—12AU7 twin triode meter OC amplifier and balanced bridge. Incorporates Half Wave Selenium Rectifier and Well Filtered Fused Power Supply.

Unsurpassed Performance Regardless of Price!

In Every Respect A Professional Test Instrument—Engineered to meet and exceed the rugged standards, accuracy plus required sensitivity demanded in laboratory, industrial and service applications. The KT-174 offers in remarkably easy-to-build kit form, a Vacuum Tube Volt Meter that achieves a level of performance and versatility rivaling factory wired equipment many times its price.

Construction, Circuitry and Components utilized in this kit are of the finest quality . . . extreme accuracy is furnished by the 200 micro-ampere meter movement with balanced-bridge push-pull circuitry. Heart of this circuit is a 12AU7 twin triode tube, utilized as a DC amplifier and bridge, with inverse cross-coupled feedback applied to each section. Since the meter movement is extremely sensitive, the tube is not required to perform outside of its linear capabilities. Operating conditions are regulated to insure accuracy with respect to changes in line voltage—a circuit design feature found only in the most costly laboratory instruments. In addition, a high input impedance of 11 megohms is incorporated, preventing the KT-174 from loading down the circuit being tested. Further accuracy is assured by use of precision deposited carbon film 1% multiplier resistors plus the finest low-leakage type switches.

VERSATILITY PLUS

ease of operation and construction were the guiding principles in the design of the KT-174 . . . the 4 1/2" meter is calibrated in an easy-to-read, two color scale incorporating a direct decibel scale plus a zero-center scale—ideal for TV-FM discriminator alignment. Scope terminals are provided at the rear panel for simultaneous wave form observation while making AC measurements these same monitor terminals also allow the KT-174 to monitor the output of a signal generator while utilizing the VTVM probe as a signal injector. (a prime example of the versatility designed into the KT-174). Unlike other VTVM's— Calibration Controls (AC, Low AC, DC—, DC+ and AC Bal) are readily accessible at the rear panel without removing the cover. Front panel controls include Function switch (Off, AC, DC—, DC+, Ohms); Range Switch (.05v, .15v, .5v, 1.5v-RX1, 5v-RX10, 15v-RX100, 50v-RX1000, 150v-RX10K, 500v-RX100K, 1500v-RX1M); Zero Adjust and Ohms Adjust. The meter movement is shorted in the OFF position to prevent possible damage to the pointer during transit. In addition to utilizing the KT-174 as an Electronic Ohmmeter, DC Voltmeter and AC Voltmeter, special Low AC ranges are incorporated providing noise and gain measurements as low as 1mv for audio and high-fidelity applications—

previously these measurements would normally have required a separate instrument. A specially designed Lafayette Omni-Probe with shielded low loss cable performs all functions—fast trouble free push-button selection for AC or DC ohms.

Unquestionably The Finest VTVM in its class available today. the KT-174 is an even greater value because you save by building it yourself. Utilizing a printed circuit board, this is an amazingly simple kit to build, with most of the wiring completed for you. Lafayette's famous step-by-step instructions and huge pictorial diagrams assure ease of assembly. Attractive dark grey front panel is set in a contrasting textured light grey metal case. Complete with tubes, battery and special Lafayette Omni-Probe. An RF probe in easy-to-build kit form (KT-205), designed for the KT-174 or any 11 meg ohm impedance V.T.V.M. is available at additional cost. Size 8 1/2"x6Wx5"D. For 105-125 volts, 60 cycles AC. Shpg. wt., 8 lbs.

KT-174 Kit Form Net 44.50
 TE-31 Same as above, wired and tested Net 57.00
 KT-205 RF Probe Kit for KT-174 and any other 11 meg-ohm impedance VTVM Net 3.75



NEW! LAFAYETTE V.T.V.M. KIT

MODEL KT 202

25⁷⁷NO MONEY DOWN
BUY ON TIME SEE PAGE 381

- Wide Band—AC Measurements on any Waveform from 30 Cycles to Over 5 MC, Without Additional Probes or Accessories
- 11 Megohm Input Resistance—Negligible Loading Effects on DC Circuits
- Direct Reading DB Scale
- Balanced Push-Pull Amplifier—Isolates and Protects Meter
- Etched Circuit Design Simplifies Construction
- Selected 1% Zero Temperature Coefficient Multiplier Resistors for Dependable, Accurate Readings
- Selenium Rectifier in Power Supply Reduces Effects of Heat on Component Values

- ACCURATELY MEASURES AC PEAK-TO-PEAK VOLTAGE, AC RMS VOLTAGE, DC VOLTAGE AND RESISTANCE
- GIANT 6" FULL-VIEW METER WITH EASY-TO-READ TWO-COLOR SCALES

An indispensable test instrument for the service technician, experimenter or hobbyist. The KT-202 is a high quality V.T.V.M. in easy-to-build kit form, which offers features unusual at this low price. It is a highly accurate DC voltmeter, AC voltmeter and ohmmeter employing a giant 6", 400 μ a meter with clear black and red scales.

With a high input impedance of 11 megohms, this V.T.V.M. can accurately measure DC voltages up to 1500 volts while presenting a negligible load to the circuit under test. This is especially important in circuits involving high resistances (such as audio circuits) since any appreciable current drawn by the meter would cause voltage drops which would invalidate the readings obtained. As a wide band AC voltmeter, this unit is one of the most versatile test instruments the technician or hobbyist can own. It will measure AC peak-to-peak voltages up to 2,000 volts on any waveform, be it sinusoidal, sawtooth, square or of other complex form; all this from 30 cycles to above 5 Mc—without any accessory probe! AC RMS voltages may be read directly up to 1,500 volts if the waveform is sinusoidal. The wide frequency response makes this meter ideal in audio, radio and TV applications. Resistances can be read directly on the Ohms scale from 0.2 ohms to 1,000 megohms. A direct reading decibel scale is calibrated from -10 to +18 db (reference 1.73 volts, 6 mw into 500 ohm line). Can be used to obtain

readings up to +58 db. In addition, zero center measurements can be made, for the alignment of FM and TV detector circuits.

The KT-202 utilizes a 12AU7 balanced push-pull DC amplifier and two 9006 tubes as peak-to-peak voltage rectifiers. The meter is isolated from the measuring circuits by the DC amplifier, making it virtually impossible to burn it out. Multiplier resistors are 1% zero temperature coefficient types, to assure maximum accuracy and minimum variation due to heat. Front panel controls: Function Selector—selects Pwr. Off, A.C.V./P.P.V., D.C.V. Neg., D.C.V. Pos., Ohms; Range Selector—for 7 voltage and resistance ranges; Ohms Adjustment; Balance (zero) Adjustment. There are 3 probes: Common, A.C.V.—Ohms, and a shielded D.C.V. probe with 1 megohm isolating resistor.

Printed circuitry makes construction of this kit easy. Selenium rectifier transformer—operated power supply for 110-120 VAC, 60 cps. Dimensions: 7½x6½x5" D overall. Kit comes with 1½ volt battery for ohmmeter circuit and complete instructions. Shpg. wt., 7 lbs.

KT-202 Net **25.77**

Accessory RF probe for KT-202 or other 11 megohm V.T.V.M. Net **3.75**

KT-205 Net **3.75**

Carrying case for KT-202, complete with handle. Net **2.95**

KT-203 Shpg. wt., 1 lb. Net **2.95**

SPECIFICATIONS

DC VOLTMETER RANGES: 0-3, 15, 75, 150, 300, 750, 1500 volts.
Input resistance: 11 megohms (1 megohm in probe) on all ranges.

AC VOLTMETER RMS RANGES: 0-3, 15, 75, 150, 300, 750, 1500 volts.
PEAK-TO-PEAK RANGES: 0-8, 40, 200, 400, 800, 2000 volts.

DECIBEL RANGES: -10 to +10db, +10 to +38db, +30 to +58db.
Response: 30 cycles to above 5 Mc.

OHMMETER RANGES: 0-1000, 10,000, 100,000 ohms; 0-1, 10, 100, 1000, megohms. **CENTER SCALES:** 10, 100, 1000, 10,000, 100,000 ohms, 1 megohm, 10 megohms.

TUBES 1—12AU7 twin triode balanced meter bridge, 2—9006 peak to peak rectifiers, 1 power supply selenium rectifier.

POWER 110-120 VAC, 60 cycles.

Complete With 116 Page Instruction Manual— Virtually A Textbook & Laboratory Manual

ELECTRONIC EDUCATIONAL KIT

An informative, fun filled "guided-tour" introduction to the world of electronics

Learn Both AC & DC With This Easy-To-Build Test Instrument

- DETAILED COVERAGE OF:
- ELECTRICITY
 - CIRCUITS
 - OHM'S LAW
 - SERIES AND PARALLEL BATTERIES AND CIRCUITS
 - MAGNETISM
 - ELECTROMAGNETISM
 - MOTOR EFFECT
 - METER MOVEMENT
 - AMMETER
 - VOLTMETER
 - OHMMETER
 - POWER AND ENERGY
 - INDUCTION
 - ALTERNATING CURRENT
 - A.C. VOLTMETER
 - TRANSFORMER
 - CONTINUITY TESTING
 - POWER AND ENERGY



24⁵⁰
NO MONEY DOWN

Made in U.S.A.
FOR BUDGET TERMS SEE PAGE 381

- 194 Illustrations
- Includes Questions & Answers For Each Section
- Clearly Worded Step-by-Step Instructions
- Covers Both AC & DC In Their Entirety
- Teaches As You Build
- 12 Complete Experiments Result In A Finished AC & DC Test Instrument
- Enables Repair of Household Appliances

The fascinating world of electronics introduced in a simple, easy-to-follow manner through this new Lafayette KT-180 Electronic Educational Kit. Not a toy—this kit is designed to provide youngsters and adults with a complete beginners electronics laboratory course featuring an extremely useful AC/DC Multitester meter to build and learn from.

In the process of constructing this test meter, the fundamental principles of electricity and electronics are introduced in a "learn-by-doing" method. The focus of attention is on the basic sensitive meter for measuring the flow of electrical current. From this simple measurement, the meter is built up to indicate voltage and resistance. The detailed 116 page instruction manual contains 194 illustrations and is written in a simple, easy-to-read step-by-step manner with questions and answers supplied for each section. Providing a virtual "guided tour" of electrical fundamentals, this kit furnishes a complete course in AC and DC including ohms law, series and parallel connections, making electro-magnets, producing electricity by induction and testing house appliances. Having completed the 12 experiments and construction of the AC/DC multi-tester, the student has a useful instrument that has countless applications in the home, workshop and business. The kit is supplied less batteries, but is otherwise complete with everything needed for an enlightening introduction to the world of electronics. Shpg. wt., 5 lbs.

KT-180 Net 24.50
BA-155 (Burgess Z type battery, 2 required) Net ea. .095

NEW! TRANSISTOR ANALYZER KIT KT-223

- IN-CIRCUIT AND OUT-OF-CIRCUIT TRANSISTOR CHECKER (INCLUDING POWER TYPES)
- DIODE AND RECTIFIER CHECKER
- SIGNAL GENERATOR
- BATTERY TESTER
- VOLTMETER • MILLIAMETER



6-IN-1 VALUE 12⁷⁵

Lafayette's new 6-in-1 Transistor Analyzer KT-223 is a highly useful tester capable of testing transistors of all types including power types. The in-circuit test couples the transistor to an oscillator circuit within the tester for an actual performance check. Externally the transistor is checked for leakage on a multi colored scale and for beta gain in 3 ranges up to 200. The KT-223 terminals makes trouble shooting transistor radios easy by supplying a 5kc test signal with harmonics for checking the RF, IF, and AF circuits. This signal can also be coupled to an oscilloscope for a visual circuit function test. This analyzer also checks the condition of diodes and rectifiers. The KT-223 features a voltmeter which can check up to 12 volts DC and is excellent for testing transistor radio batteries. In addition, this analyzer is capable of checking current drain up to 80 milliamperes. Complete with test leads and instructions, less batteries. Attractive black case with anodized aluminum front panel. 6 7/8" x 5 3/4" x 2 1/2". Shpg. wt., 3 1/2 lbs. KT-223 Complete Kit, less batteries. Net 12.75
BA-156 1 1/2 volt Battery (2 required) Net ea. .13

4 TRANSISTOR TELEPHONE PICK-UP AMPLIFIER KIT

- FOR FAMILY AND BUSINESS GROUP LISTENING
- HI-GAIN AMPLIFIER FOR PHONO AND MIKE

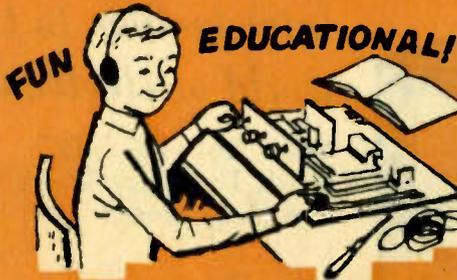


Made in U.S.A.

12⁵⁰

Lafayette's new Super-Sensitive 4 Transistor Telephone Pick-up Amplifier with class "B" push-pull output for efficient speaker operation. Permits the whole family to enjoy phone conversations. Invaluable on long distance calls, as well as for group listening on business calls and conferences; No need for extension phones! Just place the pickup coil under the telephone cradle base, or in case of metallic base, near phone receiver and you'll marvel at how loudly and clearly the two-way conversation comes through the speaker. Uses transformer and pickup coil, includes easy-to-follow illustrated instructions. Size 4 1/2" H x 4 1/4" W x 1 1/4" D. Shpg. wt., 3 lbs.
KT-131A Complete Kit Less Battery & Pickup Coil Net 12.50
BA-180 Battery 9V. Burgess. 2N6 or eq. wt., 5 oz. Net 1.30
MS-16 Telephone Pickup Coil. Shpg. wt., 4 oz. Net 1.95

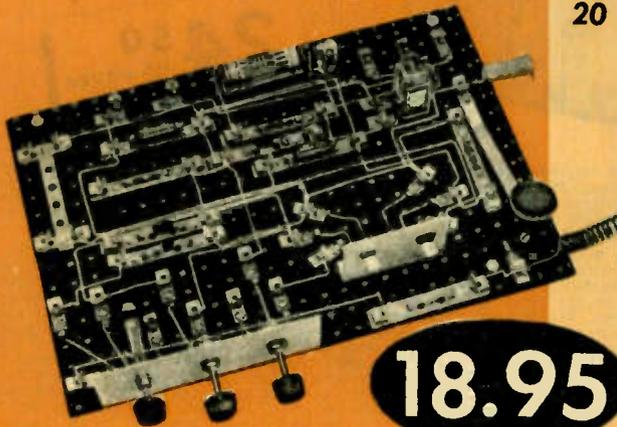
LAFAYETTE *Easy-to-Build* EDUCATIONAL KITS



New! 20-IN-1 TRANSISTOR Experimenters Kit



FUN TO BUILD — EDUCATIONAL — and ALL 20 projects result in a useful working instrument!



18.95



Made in U.S.A.

This new Educational Kit opens the field of transistor-electronics, with all its fascinating circuits and gadgets, in a simple, easy-to-follow manner. Excellent for beginners as well as advanced experimenters, this kit enables you to build and learn about 20 interesting and useful transistor circuits. By utilizing "Breadboard" construction, each project can be simply wired and traced. After building the basic circuit, any of the 20 projects can be built by simply inserting a few preassembled component blocks and interconnecting leads between them. A soldering iron is only required for the basic wiring and not for subsequent projects. All wiring is covered in a step-by-step manner by the instruction manual. Each of the 20 projects is clearly presented with step-by-step instructions, large easy-to-read pictorial wiring diagrams, schematic diagrams, and an explanation of the circuit behavior. There are no AC voltages to produce

shock hazard. Amaze your friends with a Voice-Actuated Alarm, Rain Alarm, Home Broadcaster, and other projects. Build useful projects for the home — Metronome, Burglar Alarm, and Timer. Learning Morse Code with the Code Practice Oscillator and receiving Short-Wave Citizens Band Stations are only a few more of the many interesting and useful things you will build while exploring this new world of transistor-electronics. The kit is complete with perforated mounting board, 2-transistors, 1-diode, earphone, light sensitive plate, and all other parts required for construction. The detailed 28 page instruction manual contains a wealth of information about each project. Less batteries and tools. Shpg. wt., 6 lbs.

| | |
|--|-----------|
| KT-173 Complete | Net 18.95 |
| BA-155 2 Cell Battery for Kit projects | Net .095 |
| BA-270 22½ Volt Battery for Kit projects | Net 1.61 |

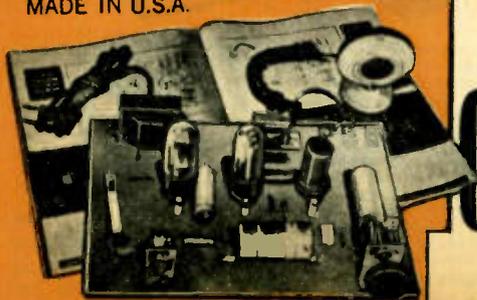
PROJECTS YOU BUILD

1. TRANSISTOR TESTER
2. VOICE ACTUATED ALARM
3. PHOTO TIMER
4. AUDIO AMPLIFIER
5. CRYSTAL SET
6. SOLAR RADIO
7. RAIN ALARM
8. TIMER
9. ONE TRANSISTOR RECEIVER
10. CODE PRACTICE OSCILLATOR
11. METRONOME
12. TWO TRANSISTOR RECEIVER
13. ELECTRONIC GAME
14. HOME BROADCASTER
15. PHOTO ELECTRIC RELAY
16. BURGLAR ALARM
17. WIRELESS TRANSMITTER
18. REGENERATIVE RECEIVER
19. CITIZENS BAND MONITOR
20. AUDIO OSCILLATOR

LAFAYETTE 10-in-1 LAB KIT

• PRACTICAL • EDUCATIONAL

MADE IN U.S.A.



10 IN ONE

With this Kit YOU can build

1. RADIO RECEIVER
2. PHONO-MICROPHONE AMPLIFIER
3. PHONO OSCILLATOR
4. BROADCAST STATION
5. CODE PRACTICE OSCILLATOR
6. SIGNAL TRACER
7. CAPACITY OPERATED RELAY
8. ELECTRONIC TIMER
9. ELECTRONIC SWITCH
10. PHOTOCELL RELAY

15⁵⁰



Here is a new laboratory tested experimenters kit designed to provide maximum instruction and entertainment and which is ideal for both the beginner and advanced experimenter. Features practical and interesting circuits which enable you to do many novel and interesting things while learning how these circuits function. You can broadcast your voice or play a phonograph through your radio from anywhere in the house, send code through a headphone or radio, or use light or body capacitance to activate electrical circuits. Safe, low voltage is utilized. Kit is complete with perforated mounting board, 3 vacuum tubes, microphone and all parts necessary for construction. A detailed 12 page instruction manual contains simple-to-follow pictorial and schematic diagrams for each project. Less headphone, photoelectric cell and socket, wire and solder. Shpg. wt., .5 lbs. **KT-36A** Net 15.90

| | | |
|--|------------------|------|
| PHOTOELECTRIC CELL TUBE TYPE 868 | Shpg. wt., 8 oz. | 3.75 |
| CM-70 AMPHENOL 77MIP4 SOCKET FOR ABOVE | Shpg. wt., 1 oz. | .13 |
| ME-33 CANNON AM-15-1 1000 OHM SINGLE HEADPHONE | Shpg. wt., 1 lb. | 1.18 |



NEW! LAFAYETTE KT-195 WIRELESS BROADCAST/AMPLIFIER KIT

*Use it either as a
Wireless Broadcaster
or AM Audio Amplifier!*

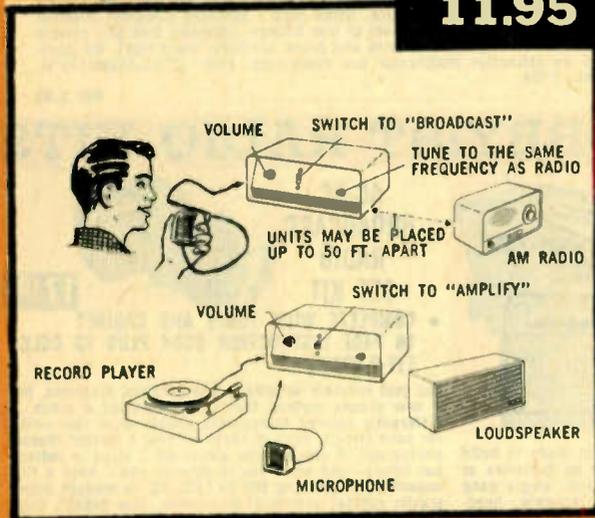
- CLEAN, MODERN STYLING
- POWERFUL SIGNAL
- WORKS WITH ALL CRYSTAL AND MAGNETIC MIKES AND PHONO CARTRIDGES
- PLAYS THROUGH ALL AM RADIOS

11.95

KT-195

Treat yourself and your family to hours of fun with this new Lafayette Kit. Make your own radio programs, announcements, etc. through AM radios anywhere in the house, without wires or extra gadgets. Designed for easy construction by youngsters or adults, the KT-195 combines in one compact unit a powerful 3-tube wireless broadcaster and an audio amplifier. Clearly written instruction manual makes it a cinch to build. Operates on any frequency between 900 and 1600 kilocycles on your radio dial. It will accept any crystal or magnetic microphone. In addition, the KT-195 may be used directly as a phono or microphone amplifier. No external preamp is required. Simple slide switch permits either form of operation. Just connect it to a PM speaker (4-16 ohms). Conforms to FCC regulations and is designed to provide high quality voice or record broadcasts. Within this range, however, the unit can provide high quality voice or record broadcasts. No license or permit is necessary. Complete with crystal clear instruction manual. Less Mike. For 105-125V AC or DC cps. Attractively styled metal cabinet suitable for any decor.

- Size 4H x 8W x 4 3/4"D. Shpg. wt., 3 lbs. Net 11.95
- KT-195 Same as above, but factory wired & tested. Net 14.45
- LA-23 Crystal microphone for above. Desk or hand held. 8 ft. cable. Shpg. wt., 1 lb. Net 2.95
- PA-73

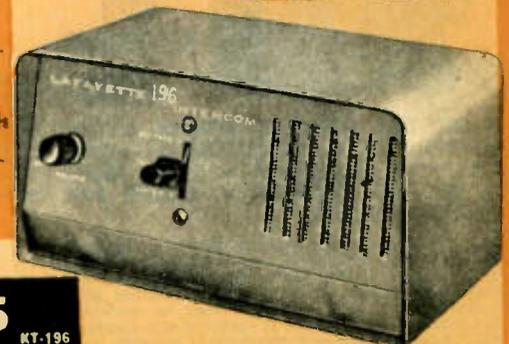


NEW! LAFAYETTE KT-196 2-STATION INTERCOM SYSTEM KIT

- ATTRACTIVE, MODERN STYLING
- COMPLETE — ONE MASTER AND ONE REMOTE STATION PLUS 50 FT. OF CABLE
- PERFECT AS BABY SITTER OR SICKROOM WATCHER
- 2 COMPLETE STAGES OF AMPLIFICATION
- SIMPLIFIED INSTRUCTIONS — EASIEST TO BUILD

The perfect 2-station intercom kit beautifully styled and engineered by Lafayette's Kit Divisions, it will grace any room in the home, office, shop, school, etc. Consisting of a Master Station and a Remote station, most useful to communicate with the basement, garage, playroom or nursery. The master unit features a highly sensitive 3-tube circuit with 2 complete stages of audio amplification for maximum talk-power and sensitive reception. Makes a marvelous "baby-sitter." Remote unit may be left in permanent "Talk" position. Master Station has a 3-way lever switch which provides Momentary Talk, Listen, and a lock-in talk position to free hands for other duties or for extended conversation. Master station front panel also includes a combined on/off switch, volume control. Only the master unit need be plugged into outlet—remote may be placed anywhere. The system may use up to 3 remotes. Famous Lafayette instruction manual simplifies assembly. Size of each unit: 4Hx8Wx4 3/4"D. Attractive metal enclosures. Tubes: 36AM3A, 60FX5, 18FY6. Complete with all parts necessary and 50 feet of 3-wire cable. For 105-125V 50-60 cycles AC or DC. Shpg. wt., 7 lbs.

- KT-196 2-Station Intercom Kit Net 14.75
- LA-196 Factory Wired Net 19.50
- Extra Remote Station Kit—For use with above. Less cable. Shpg. wt., 2 1/2 lbs. Net 3.45
- KT-197 Net 3.95
- LA-197 Factory Wired Remote Net 3.95
- WR-14 100 ft. coil 3 conductor cable Net 1.25
- WRC-113 shorter lengths, per ft. Net .02



14.75

KT-196

LOWEST OPERATING COST • HIGHEST SENSITIVITY

DO IT YOURSELF—EASY TO BUILD KITS!



NEW! ANALOG COMPUTER KIT

- Ideal Introduction to Basic Elements of Analog Computers
- Work Over 50 Experiments
- Easy-to-Assemble with Screwdriver and Pliers
- Learn the Way to Sound Scientific Knowledge

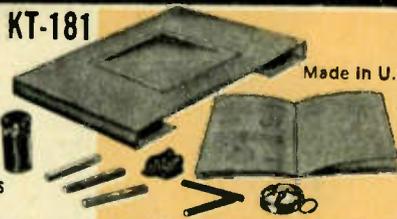
995

The latest Analog Computer Kit offering a basic introduction to computer theory—gives accurate answers to practical problems. Perform over 50 experiments—multiplication, division, powers, square roots, rocketry, interest, radioactive decay, light, kinetic energy, etc. Level of accuracy better than 5%. The computer consists of a masonite, solid instrument panel, kits, potentiometers, meter, specially calibrated scales, guide and operating booklet. Easy-to-assemble. Shpg. wt., 6 lbs.

KT-178

Net 9.95

New! LAFAYETTE KT-181 MAGNETICS KIT



Made in U.S.A.

- Contains 7 Complete Experiments
- Step-by-Step Illustrated Instruction Manual
- Complete With Questions & Answers

Now unlock the mysteries of magnetism in SEVEN fascinating, fun-filled experiments. You teach yourself by doing-it-yourself. Every phase of magnetism is covered: 1. Discovery and History of Magnetism. 2. Development of the Compass. 3. Discovery of Magnetic Poles. 4. How to Determine North and South Magnetic Poles. 5. Magnetic Attraction and Repulsion. 6. Terrestrial Magnetism. 7. Difference Between Magnetic & Geographic Poles. 8. The Magnetic Field. 9. Lines of Force. 10. Permeability. 11. "Molecular Magnets." 12. Artificial Magnets. Each experiment is fully detailed and illustrated by a thorough step-by-step instruction manual complete with questions and answers. The kit contains a plexiglass viewing plate, fitted onto a specially designed observation deck; two bar magnets; shaker of iron filings; compass; iron bar; sample of lodestone; steel pins; aluminum and brass samples; wood float. All packaged in an attractive multi-color box measuring. Size: 12 3/4" x 9 1/4" x 1 3/4" H. Shpg. wt., 2 lbs.

KT-181

Net 2.95

EXPERIMENTERS AND HOBBYIST RADIO KITS



2-IN-1

KIT

653

GERMANIUM DIODE RADIO KIT

3 26



AC-DC BROADCAST RADIO SET KIT



1710

- COMPLETE WITH TUBES AND CABINET
- 16 PAGE INSTRUCTION BOOK PLUS 3D COLOR EYE-O-GRAMS

Not just ordinary schematic and pictorial diagrams, but a new simple method that makes building a cinch. 3 differently colored transparent sheets show the wiring for each circuit, each of these fit over a master chassis photograph. A master copy shows all 3 steps in individual colors—and when you're through you'll have a fine superhet set covering 550 to 1600 KC. In modern brown plastic cabinet with built-in antenna. Size 9x5x5". Complete Kit with 5 tubes, cabinet, speaker and all parts. Shpg. wt. 7 lbs.

KT-19

Net 17.10

- PERSONAL 1 TUBE RADIO
- WIRELESS HOME BROADCASTER

Requires no soldering. All wires and parts fit into clips. You can build a vacuum tube operated radio with volume control and on-off switch. Covers the broadcast band; or you can build a wireless home broadcaster with which you can broadcast your own voice thru any radio in the house within 50 ft.; or you can connect it to a phonograph and play records through your radio—without any connecting wires. Kit is complete with tube, variable condenser, pre-wound tuning coil, volume control, switch, board, template, instruction and earphone (which doubles as a microphone). Less batteries. Shpg. wt., 3 lbs.

KT-44

Net 6.53

BATTERIES

BA-157 1.5 v. Shpg. wt., 5 oz. Net .13
BA-125 45 v. Shpg. wt., 12 oz. Net 2.08



7-IN-1 RADIO LAB KIT WITH HEADPHONE

1045

- ONE TUBE BROADCAST RECEIVER
- CODE BLINKER—LIGHT
- CODE PRACTICE KEY
- WIRELESS HOME BROADCASTER
- SIGNAL TRACER
- SINE WAVE GENERATOR
- WIRELESS CODE PRACTICE OSCILLATOR

With this smaller version of the 10-IN-1 kit, you can build any one of the 7 circuits. 16 Page instruction book shows pictorially how to wire quickly and easily and explains the basic operation of these circuits including many fundamentals of radio servicing. Perfect for electronically minded youngsters. Kit is complete with earphone, 6SN7 tube, board, power transformer, selenium rectifier, resistors, condensers and all necessary parts. Less wire. Shpg. wt., 4 lbs.

KT-42

Net 10.45

Real basic kit using the new germanium diode to build a highly sensitive radio set. Requires no batteries or power supply. Kit includes pre-wound coil, single gang condenser, germanium diode, board, template, head- phone, knob, hardware and instruction book. Less wire. Shpg. wt., 2 lbs.

KT-43

Net 3.26

NEW! "DOUBLE GENIAC"®



Over 800 Parts For Schools Science Fairs Advanced Experimenters.

1595

- Computes
- Reasons
- Plays Games
- Composes Music
- Forecasts Weather
- Design Your Own Computers

The newest kit in famous Geniac® series! The "Double" Geniac contains over 800 parts. Two of everything in the Standard model. Offers the advanced experimenter a far wider range of activities. Perfect for school demonstration. Multiple setup is ideal for Science Fair projects—submit one or more designs. Build "electric trains" that test intelligence—code and decode—add, subtract, multiply and divide—solve puzzles—play games—fore-

cast weather—reason in syllogisms—information and logic circuits. No soldering required. Easily assembled and operated. 64 page guide and reference book, beginner's manual, wiring diagrams and many extra pamphlets outlining projects and methods. Complete with mounting rack and batteries. Shpg. wt., 12 lbs.

KT-176

Net 15.95

Standard GENIAC

COMPUTES, REASONS, PLAYS GAMES
COMPOSES MUSIC FORECASTS WEATHER
DESIGN YOUR OWN COMPUTERS
OVER 400 PARTS & COMPONENTS

995

You build up to 125 exciting "electric brain" machines. Has special circuits for forecasting weather. No soldering required. Comes complete with extra pamphlets including 64-page "Simple Electronic Brains and How To Make Them". "Symbolic Analysis of Relay and Switch-

ing Circuits". "Beginner's Manual, Machine to Compose Music. Wiring Diagrams, etc. Complete with battery. 16 1/2 x 11 1/4". Shpg. wt., 6 lbs.

KT-175

Net 9.95

SCIENCE • TECHNOLOGY • KITS

MAGIC-GLO BLACK LIGHT **TEKNIKIT** T.M.



- Learn Invisible Detection
- Write Secret Messages
- Educational—Scientific
- Enjoyable—Interesting

This new Black Light Kit enables you to see the invisible. Guaranteed completely safe and harmless. This kit allows children to study the phenomena of fluorescence and phosphorescence. Set contains black light, socket and cord, laboratory lamp stand, 4 jars of fluorescent paint, invisible ink, invisible crayon, tracer powder, 3 fluorescent mineral specimens, phosphogram, optical bleach, brushes and pen, and a box of fluorescent specimens. Enables the student to perform endless numbers of fascinating experiments. The amply illustrated 48 page booklet "The Story of Black Light—The Unseen World Around Us," explains the use of black light in fields such as mineralogy, electronics, crime detection, medicine, stamp collecting, and many others. Shpg. wt., 41 lbs.

AP-61 Net 9.95
 AP-73 Replacement U.V. Bulb for AP-61 Net 2.70

INTERNATIONAL RECTIFIER EDUCATIONAL SCIENCE KITS



SOLAR ENERGY AND TRANSISTOR ELECTRONICS LAB 1 KIT

• More than 30 Fascinating Projects
 Designed to acquaint the Junior Scientist with basic electronic circuitry. Master control panel features indicator scope, galvanometer, signal buzzer, and push button selector. Builds projects in electronic circuitry including two different radios, code practice set, sun operated "Wake Up" alarm, phone and telegraph broadcast transmitters. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power optional on all experiments. Size 18 1/2" x 11 1/2" x 3".

KT-330 Shpg. wt., 3 lbs. Net 13.50
 Lots of 4, ea. Net 12.00

SOLAR ENERGY AND TRANSISTOR ELECTRONICS LAB 2 KIT

• Over 50 Basic and Intermediate Projects
 In This Advanced Kit.
 Features magnificent master control panel with speaker, ear-phone jacks, additional push button switches and electronic circuit elements. Builds Solar Powered satellite type "beep" transmitter, electronic light indicators, burglar and fire alarm systems, radios, transistorized broadcast transmitter. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power optional on all experiments. Size 16 1/2" x 16 x 3".

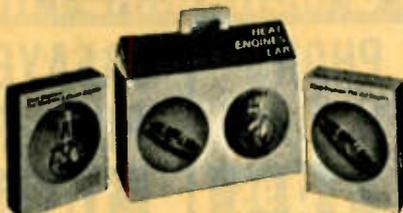
KT-331 Shpg. wt., 5 lbs. Net 20.25
 Lots of 4, ea. Net 18.00

SOLAR ENERGY AND TRANSISTOR ELECTRONICS LAB 3 KIT

• Builds Over 70 Different Projects and Experiments
 This unit includes all of the exclusive features of the other International Rectifier Electronic Labs, plus the components to build an amplifier, public address system, inter-com, telephone pickup, electronic timer, and many more circuits simulating those in missile guidance, computers, etc. Every component is of the professional quality used in commercial and industrial equipment. This advanced lab is as simple to assemble as the basic unit. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power optional on all experiments. Size 16 1/2" x 16 x 3".

KT-332 Shpg. wt., 5 lbs. Net 27.00
 Lots of 2, ea. Net 24.00

5-ENGINE LAB KIT



YOU BUILD: JET ENGINE, STEAM ENGINE, GASOLINE ENGINE, DIESEL ENGINE

Accurately scaled cutaway molds, easily assembled, demonstrate operating principle and application of the Jet Engine, Steam Engine, Steam Turbine and Gasoline Engine. Accessory parts are provided for converting the Gasoline Engine into a functional Diesel Engine model. The lab kit features over 100 precision parts molded of high-impact polystyrene, including pistons, shafts, gears, valves, flywheels, cams, eccentrics; paints and brushes; glue; display plaque for mounting the assembled models; and individual handbooks with complete assembly instructions, historical data and experiments.

KT-333 Shpg. wt., 9 lbs. Net 9.95

REVELL PORTABLE WEATHER RESEARCH LABORATORY UNIT



THE MOST PRACTICAL AND MOST ATTRACTIVE KIT FOR THE STUDY OF WEATHER CONDITIONS

A completely portable, efficient weather Research Laboratory Kit assembled in a Deluxe plastic console storage and carrying case with handle. Extremely easy to assemble, is so efficient that it can be used by professional forecasters—yet simple to operate and understand. Includes professional Aneroid barometer with completely assembled mechanism. Also, professional style anemometer with red blinker signal light and on-off switch for remote observation. Instruments and equipment include nephoscope, relative humidity calculator, temperature humidity index calculator, compass, compass rose (for use in conjunction with included wind vane and nephoscope) rain gauge, sling psychrometer with two 5 inch thermometers, wind and gust indicator and cloud chart. Also includes U.S. Weather map, weather recording forms, and scientific booklet.

KT-189 Shpg. Wt., 3 lbs. Net 13.88

GENERAL ELECTRIC ADD-VENTURE KITS



(A) WEATHER STATION KIT

Forecast the Weather with Your Own Weather Station! Easy to Build and Operate for Hours of Fun!
 Build and learn all about basic weather instruments. Includes a barometer, outdoor thermometer, rain-fall gauge, and an electronic rain detector. A one transistor electronic circuit connects to a detector unit placed outdoors that activates a light when rain hits the detector. Changing air pressure, forecasting a change in weather, registers on the barometer. Console back-panel contains unique visual indicators that show today's weather and tomorrow's forecast. Complete cloud chart included. Operates on two ordinary flashlight batteries. Step-by-step instructions have large illustrations. Size: 12" x 16" x 2". Shpg. wt., 2 lbs.

KT-184 Net 2.88

(C) LITE-WRITER KIT

WRITE OR DRAW ON A PHOSPHORESCENT SCREEN WITH A BEAM OF LIGHT
 The Lite-Writer kit is your introduction to the magical world of phosphorescence. Actually write or draw on a phosphorescent screen with a beam of light. Watch how the screen glows in the dark. Kit includes a marking pencil, acetate tracing sheet, parts tray and, as an added feature, 6 special constellation cards, allowing you to study the evening sky right in your own home. You can reproduce the constellation patterns on your phosphorescent screen as an exact reproduction of the night sky. Comprehensive instruction booklet explains each step in detail. Operates on two ordinary flashlight batteries. Size: 12" x 16" x 2".

KT-188 Shpg. wt., 2 lbs. Net, 2.88

(B) ALARM SYSTEM KIT

SURPRISE AND AMAZE YOUR FRIENDS WITH YOUR OWN ALARM SYSTEM!
 Completely transistorized circuit operates an alarm that is either audible or visual from a buzzer or a light. Detects opening doors or windows, lifted objects, even steps on a rug. Warning flag on console panel drops when the circuit has been triggered. Easy to build and operate—completely safe. Complete set of instructions explains principles of switching circuits as well as the uses of alarm systems. Operates on two ordinary flashlight batteries. Size: 12" x 18" x 2".

KT-188 Shpg. wt., 2 lbs. Net 2.88

(E) ASTROSCOPE KIT

PUT A SATELLITE INTO ORBIT
 You control satellites distance from earth with a variable speed motor. A unique reflected-light feature makes the earth appear motionless as the satellite rises. You learn principles of centrifugal force as well as of basics of satellites orbit. Operates on two ordinary flashlight batteries for complete safety. Well illustrated instruction manual explains every step. Size: 12" x 16" x 2".

KT-187 Shpg. wt., 2 lbs. Net 2.88

PHILMORE DUAL BAND BROADCAST-SHORTWAVE RADIO KIT

1394

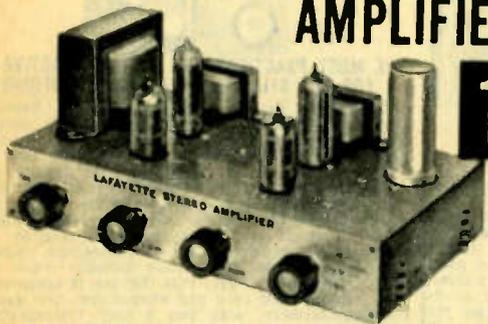
• 3 TUBES INCLUDING RECTIFIER

The perfect kit for the beginner at radio, this radio covers the standard broadcast band from 550 to 1650 Kc, and a shortwave band from 3 to 13 Mc. Features modern circuitry and miniature tubes, with enough audio to drive a built-in 3 1/2 inch PM speaker. The kit builder will learn radio fundamentals and be rewarded with the satisfaction of having built a radio which will actually pull in standard broadcast, amateur and other shortwave stations. Includes punched chassis, grey hammertone panel, 3 1/2" soaker, pictorial and schematic diagrams, and easy-to-follow instructions. Complete with all hardware: less solder, wire and tubes. Tubes required: 1—35W4, 1—50C5 and 1—12AU6. For 105-125 volts, AC or DC.

KT-177 MODEL 7001CR. Shpg. wt., 4 lbs. Net 13.94

LAFAYETTE STEREO & MONAURAL PHONO AMPLIFIER KITS

LAFAYETTE STEREO PHONO AMPLIFIER KIT



18⁹⁵

Made in U.S.A.

KT-126

- 4 WATTS STEREO OUTPUT
- ISOLATION TRANSFORMER
- SEPARATE VOLUME CONTROLS
- GANGED TONE CONTROLS
- STEREO-MONAURAL SWITCH
- .04 VOLT SENSITIVITY

This is a complete 4-watt hi-fi stereo amplifier having 2 watts output per channel. Features separate volume control for each channel; ganged tone controls; Stereo-monaural switch to feed one channel to both speakers and to reverse the channels. Just right for any use where a small stereo amplifier is required—ideal for custom mounting in even the tightest locations; specially designed for small apartment sized stereo systems.

An isolation transformer makes this circuit extra safe. Other circuit features for better performance include application of negative feedback to driver and output stages for wide-range response and extra low distortion. Dual-triode 12AX7 tubes function as voltage amplifier and driver, providing very high gain; 40 millivolts drives this unit to full output. This tremendous gain, plus an extremely high input impedance, make this amplifier perform exceptionally well with all types of ceramic and crystal pickups, as well as tuners, tape recorders, etc. Selenium rectifier power supply has extremely good regulation. Logical layout, high quality parts, plus complete instructions for assembly, make this kit a pleasure to build and use. For 3-4 or 8 ohm speakers. Tubes: 2-50C5, 2-12AX7 plus selenium rectifier. Size: 9½x5x4½". Complete with all parts. For 110-120 volts, 60 cycle AC. Shpg. wt., 7 lbs.

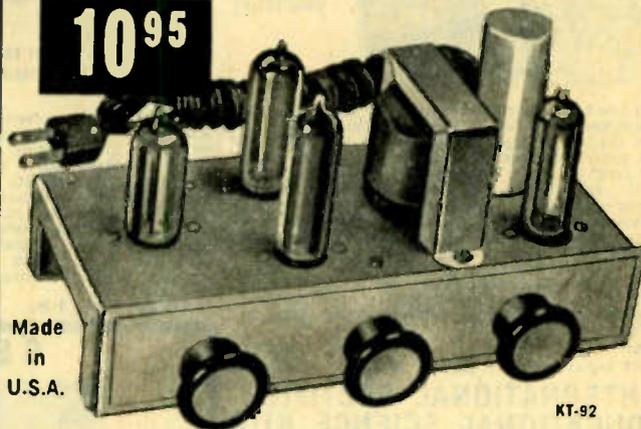
KT-126 Kit, Complete

Net 18.95

LAFAYETTE KT-92 5-WATT PUSH-PULL AMPLIFIER KIT

10⁹⁵

Made in U.S.A.



KT-92

- SEPARATE VOLUME, BASS & TREBLE CONTROLS
- PUSH-PULL AUDIO OUTPUT STAGE
- INVERSE FEEDBACK CIRCUIT
- AC OR DC OPERATION

Here in kit form is an AC-DC hi-fi amplifier that presents unusual features despite its amazingly low price. The separate bass and treble controls permit adjustment of both low and high frequency response and balance. Works equally well with both crystal or ceramic cartridges. Has a 4-tube line up—a 12AX7 amplifier and phase inverter, a 35W4 rectifier and a pair of 35C5's in push-pull, having a power-packed low distortion output. The circuit utilizes an inverse feedback loop to reduce the level of hum and distortion. Kit is complete containing all essential parts, tubes and detailed instruction manual showing pictorial and schematic diagrams. Shpg. wt., 4 lbs.

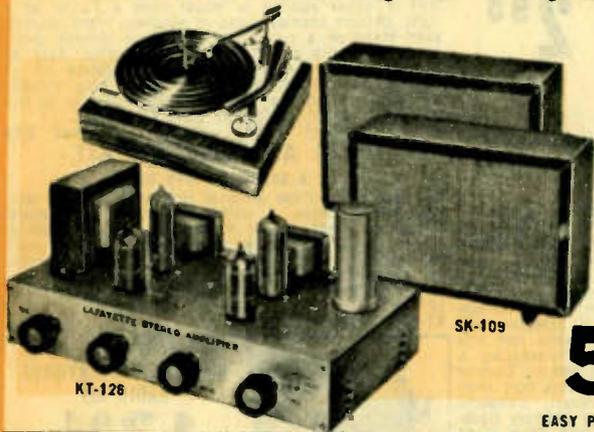
KT-92

Net 10.95

ASSEMBLE YOUR OWN PHONO SYSTEMS

COMPLETE STEREO PHONO SYSTEM KIT

- Save By Building This Excellent Stereo Amplifier
- Plays Both Stereo and Monaural Records



SK-109

56⁵⁰

EASY PAY PLAN SEE PAGE 381

Enjoy fine stereo or monaural performance with this easy to assemble package. The complete system consists of the Lafayette KT-126 Stereo Phono amplifier kit (as described above); the Lafayette-Glaser-Steers automatic 4 speed record changer complete with stereo-monaural automatic cartridge (see page 75); 2 Lafayette SK-109 Miniature speaker systems in mahogany veneer enclosures. Each cabinet is supplied with 25 ft. of hookup cable and measures only 9½x7¼x3¾"D. Shpg. wt., 30 lbs. Base for changer not included.

PK-746WXM Net 56.50
PK-747W Mahogany finish base for changer Net 3.95

COMPLETE MONAURAL PHONO SYSTEM KIT



KT-92

SK-124

54⁵⁰

NO MONEY DOWN
BUY ON TIME SEE PAGE 381

For those who prefer a monaural system, this package consists of the Lafayette KT-92 push-pull amplifier kit described above, the Lafayette-Glaser-Steers 4 speed automatic record changer complete with stereo-monaural cartridge (see page 75) and the Lafayette SK-124WX 2 way speaker system (see page 54). When ordering specify mahogany or walnut finish, less base.

PK-748WXM Shpg. wt., 28 lbs. Net 54.50
PK-747W Mahogany finish base for changer Net 3.95
PK-749W Walnut finish base for changer Net 4.50

4 EXCITING NEW **KORDEX**™ TRANSISTOR TAPE RECORDER

ONLY **1795**

ASSEMBLES
EASILY IN
LESS THAN
AN HOUR

DUAL TRACK . .
Plays Twice
as long
as Full Track



- Extra Small • Fully portable—Battery Powered • A Mere 2½ lbs. in Weight
- Pre-wired • 4 Transistor Printed Circuit Amplifier • Accepts Standard 3" Tape Reel • Instant-Action Play/Rewind Lever Control • Record, Rewind, Play-back, Erase

IN SEMI ASSEMBLED KIT FORM

INCLUDES: Crystal Lapel Mic., 3" Reel of Tape, Empty Reel, Batteries, Screwdriver.

Here is a precision, full function miniature tape recorder in money saving semi-assembled kit form. In less than one hour the KorDEX Tape Recorder can be assembled and ready for operation. The amplifier is prewired in a rugged printed circuit, thereby eliminating most of the work. Complete kit weighs only 2½ lbs. and slips easily into a briefcase or handbag. Designed for ease of operation, all controls are readily accessible. Fast, Instant, Rewind-Off-Play functions are provided by a handy lever control. In addition the front panel also includes a Record-Play Slide Switch, Volume Control, plus Earphone and Microphone jacks. The powerful 4 transistor precision wired amplifier drives a specially designed built-in 2" PM speaker. With its

attractive carrying case the KorDEX recorder is equally suitable for home, office or travel—power is supplied by one standard "C" flashlight cell and one inexpensive 9 volt transistor battery. Complete with crystal lapel microphone, batteries, 3 inch, 100 ft. reel of tape, empty reel, earphone and instructions. Measures 8Wx6½Dx3"H. Imported

| | |
|---|-------------------|
| KT-212 Shpg. wt., 6 lbs. | Net 17.95 |
| RT-20 3" Reel 300 ft. ½ mil Mylar tape. | Shpg. wt. |
| 4 oz. | Net .69 |
| BA-2 9 volt transistor battery for above. | Shpg. wt. |
| 2 oz. | Net .21 |
| BA-156 1.5V Battery for above (1 req.). | Shpg. wt. |
| 2 oz. | Net .13 |

ULTRA-MINIATURE 3 TRANSISTOR HEARING AID

- Extremely Light In Weight - Less Than One Ounce
- Extremely Compact, Dimensions: 2¾" Long, ¾" Wide and ¼" Thick
- Uses Inexpensive, Long Lasting Mercury Cell

2950
with Battery

EASY BUDGET PLAN SEE PAGE 381

Imagine — a powerful 3 transistor hearing aid weighing less than a single ounce (ready to operate with battery) and measuring 2¾" long, ¾" wide, ¼" thick. Extended research with ultra-miniature, reliable components has permitted so small a device to evolve. This hearing aid could almost be mistaken for a large tie clasp. A compact package, indeed, but a high performer as well, this instrument provides more than adequate volume for any user. Fidelity is of the highest, with excellent high and low frequency tone response. This unit is the ideal replacement for other hearing devices, even those so called small and "miniature" in size. Dependable 3 transistor circuit derives its power from a tiny mercury cell, known for its extended life. The cell, an inexpensive type (see listing below) is replaceable in seconds without tools. Amplifier case is of

sturdy metal finished in gleaming gold. A hold-down spring clip keeps hearing aid in place. Comes complete with 3 feet of flesh-tinted cord with plugs at both ends and special flesh-tinted earpiece. Unit is turned on by rotating volume control, which is adjustable over 180° of rotation to provide exactly the amount of amplification necessary. A flick of the MIC-TEL lever readjusts sensitivity for telephone use. After periods of extended use this instrument still supplies undiminished output of the highest quality. Supplied with velvet lined leather carrying case, earpiece, mercury cell and instructions. Shpg. wt., 1 lb. Imported



F-758L Net 29.50
EXTRA BATTERY FOR ABOVE
BA-241 Mallory RM 625R 1.35 volt mercury cell. Net .34

SUB-MINIATURE 4-TRANSISTOR HEARING AID

ONLY 2½" LONG x 1¾" WIDE x 5/16" THICK
EASY PAY PLAN SEE PAGE 381

2250
with Battery

- Lightweight—Weighs Less than 2 oz. Including Battery
- Small Enough To Be Carried In Breastpocket
- 4-Position Tone Control
- Unique Telephone Switch Allows Telephone Conversation
- Latest Electro-Magnetic Earphone and Miniature Crystal Microphone
- Utilizes Economical Penlight Battery

Lafayette's continued search at last has uncovered a hearing aid so small, so light, so powerful, as to make the owner and those around virtually unaware of its presence. . . . Bound to open up a "new world" for those with even severe hearing loss. The extremely advanced circuit employs four high quality transistors, a special high performance crystal microphone along with 3 ft. thin plug-in colorless flexible cord and a unique magnetic earphone providing the clearest reception and sound reproduction yet achieved. All normal hearing functions are easily accomplished . . . a special slide switch allows use of the instrument with an ordinary telephone. Proper tonal quality for every situation is provided by means of a 4-position control. Extremely simple to work with on-off and volume operated by a single control. Economical to operate . . . requires only one small standard 1.5 volt battery, which will provide power for two months when used at the rate of 4 hours daily. Encased in a sturdy, attractive, gold finished aluminum case—absolutely no danger of rust or peeling. Supplied complete with attractive leather carrying case, earphone and battery. Shpg. wt., 1 lb. Imported



F-480L Net 22.50
BATTERY FOR ABOVE
BA-153 (1 required) Burgess NE type. Shpg. wt., 3 oz.08
F-567 EXTRA PLUG-IN CORD FOR F-480L Net .35
F-568 EXTRA EARPHONE FOR F-480L Net 1.59

THE LAFAYETTE SUPER-TROL LINE

R/C EQUIPMENT



14.95

RADIO CONTROL TRANSMITTER

*MEETS FCC REGULATIONS

Assembled—tested—guaranteed. NOT A KIT
Crystal controlled with .01% tolerance crystal as per FCC regulations. Uses powerful 3A5 tube for range of approximately one mile. Will operate any 27.255 MC R/C receiver. Overall dimensions only 8½x2¾x1¾"—A neat little handfull! Includes antenna, tube, crystal with FCC approved tolerance, and instructions. FCC license applications enclosed — no examination required. Less batteries. Shpg. wt., 2½ lbs. Imported F-249

BA-124 Batteries Burgess U30 (3 Needed) 1.75 ea.
BA-157 #2 Batteries (1 Needed)13 ea.

RADIO CONTROL RECEIVER

RADIO CONTROL RECEIVER: Completely wired and tested receiver—extremely sensitive and stable. Completely enclosed—ideal in boats—or case may be removed if desired. Ingeniously constructed to withstand vibration and shock. Features external fine tuning—antenna "snap" lead—plug for power and actuator connections. Ideal Companion for F-249 Transmitter and F-327 Servo shown elsewhere on this page. Requires one 1.5V battery and one 67.5 Volt battery. Size determined by use. Measures only 3x2¾x1½". Complete with tube and instructions. Less batteries. Shpg. wt., 8 oz. Imported

F-208 Net 8.95
BATTERIES REQUIRED:
BA-5 LAFAYETTE (1 needed) Imported 1.20
Burgess No. 2 (1 needed) BA-15713 ea.

SPECIAL COMBINATION OFFER

Consists of R/C Transmitter (F-249), and R/C Receiver (F-208) F-259—Combination 22.90

1.95



"JEWELL" REMOTE CONTROL RELAY

A natural for remote control receivers, it is highly sensitive, and built to withstand severe crashes. The smallest commercial job available, it weighs less than ½ oz. Factory adjusted to pull in at 1.4 MA. drop out at 1.2 MA D.C. Single pole, double throw. Used in outstanding R/C receivers. 5,000 ohm coil. Imported

F-200—Relay Shpg. wt., 2 oz. Net 1.95



Reg. 2.95

27.255 CITIZENS BAND AND R/C CRYSTAL .005% TOLERANCE!

1.89

Designed specifically for use in R/C model planes, boats, cars, etc., as well as on channel 23 of class "D" Citizens Band Equipment. Type HC-6/U holder; Pin spacing .493; Pin dia. .050". MS-786

Net 1.89

REMOTE CONTROL ESCAPEMENT

A sturdy 2 arm self neutralizing escapement. Completely wired (not a kit). Converts electrical impulses from remote control receiver to mechanical motion for varying movement of plane, boat, or car. Four 90° rotations—two by armature activation, two by neutralization. Has ratchet governor for maintaining foolproof rotating speed. Weighs only ¾ oz. Size: 1¾x2" overall. Shpg. wt., 5 oz. F-255 Imported

Net 1.59

REMOTE ENGINE CONTROL ESCAPEMENT

Lafayette's exciting new air-bleed self-neutralizing remote engine control. Varies engine speed of your model. Neutral position of one arm is low speed, neutral position of 2nd arm is high speed, and maintained activated position of either arm (armature activated) stops motor. Perfect mate for Lafayette F-256. Compact and weighs only ¾ oz. Requires 1½ volt battery. Low current drain. Size: 1¾x1¾". Shpg. wt., 5 oz. Imported

Net 2.45

COMPOUND REMOTE CONTROL ESCAPEMENT

● LAFAYETTE'S AMAZING VALUE IN A 4-ARM SELF-NEUTRALIZING COMPOUND ESCAPEMENT! ● NO NEED TO WORRY ABOUT LOSING YOUR MODEL!

You have no sequence of operation to worry about! Simple as A B C! One pulse always gives right turn; two pulses always gives left turn. Three pulses closes the circuit for the supplementary control such as motor (F-257) or elevator, if used. The rudder always returns to neutral position after any turn as soon as transmitter keying button is released. With ratchet governor for foolproof operation. Sturdy construction—low current drain. Uses 1½ volt battery. Weighs 1¼ oz. Size: 2¾x1¾" overall. Shpg. wt., 6 oz. Imported

Net 3.45

BUILD YOUR OWN AND SAVE MONEY



LAFAYETTE 27.255 MC CITIZENS BAND REMOTE CONTROL TRANSMITTER KIT KT-127A

WITH .005% TOLERANCE CRYSTAL TWICE AS GOOD AS FCC REQUIRES! OVER 1 MILE LINE-OF-SIGHT TRANSMISSION! EXCEPTIONAL STABILITY FOR FOOLPROOF CONTROL OF MODEL PLANES, BOATS AND CARS.

You'll marvel at the neatness, simplicity and dependability of Lafayette's RC Citizens Band Transmitter. Crystal-controlled with a .005% tolerance crystal for extra frequency stability; exceeds FCC tolerance requirements. Fits comfortably in the palm of your hand, yet is unaffected by hand capacitance or motion. Has new attractive wide scale meter for visually tuning transmitter. Wide, non-critical tuning for optimum foolproof performance. Tuning for proper output and antenna loading easily accessible. Complete with telescoping antenna, meter, tube, crystal, alignment tool, all parts and easy step-by-step instructions. FCC license application forms enclosed. Size 10x4x2½". Shpg. wt., 5 lbs.

KT-127A less batteries Net 17.25
BA-157 Burgess No. 2 battery Net .13
BA-1 BATTERY (2 needed) Imported 1.59 ea.



MATCHING CRYSTAL SOCKET

FOR MS-786 and all HC-6/U Citizen band and R/C crystals. Rugged Ceramic Body. MS-787

Net .20

MINIATURE TELESCOPING ANTENNA



RETRACTS to 9 INCHES with PLASTIC CASE

Ideal for mobile or fixed transceivers, miniature portable and pocket transistor radios, wireless broadcasters and a host of similar applications. This 5-section antenna is made of chrome-plated brass and screws into a jack which is supplied. Measures 38" fully extended and retracted is 9" to facilitate carrying in pocket. Comes in a flexible plastic case with slip-under protecting flap. Imported

F-343 Telescoping Antenna Net .59

NEW! MULTI-PURPOSE ELECTRO SERVO MECHANISM 4.95



- POWERFUL, MOTOR DRIVEN R/C ACTUATOR
- POSITIVE, INSTANTANEOUS ACTION
- FOR MODEL BOATS AND CARS

Lafayette's new, motor driven, remote control servo-mechanism. Imported by Lafayette to sell for half the price of any comparable unit! Carefully constructed for power, durability and rugged use. Operates with any single channel, remote control receiver and transmitter. When operated at the prescribed 3 volts, the action is accurate and rapid. Provides for selective steering and automatic return to neutral. Extremely efficient when used with model boats or land vehicles. Hobbyists will find uses for the servo-mechanism restricted only by their imagination. Single pulse operation—electronic neutralization. Measures only 2½x2x1¼" overall. Includes instructions and linkage to extend actuator arm. Shpg. wt., 8 oz. Imported

F-327 Net 4.95

BUILD YOUR OWN

LAFAYETTE
Quality
KITS



NEW! EXCITING
"EXPLOR-AIR"
4 BAND
RECEIVER KIT

TUNE IN the WORLD

- 4 Bands for total coverage: • 550-1600 Kc broadcast band • 1.7-5.0 Mc., 5.0-14 Mc., 14-30 Mc. shortwave bands • Complete band-switching from front panel • Built-in Big 4" PM Loudspeaker

21⁹⁵

Made in U.S.A.

EASY PAY PLAN SEE PAGE 381

The most sensational shortwave economy receiver kit ever offered. A complete shortwave and standard broadcast set which covers the entire region from 550 kilocycles to 30 megacycles. Four whole bands of fascinating programming unavailable elsewhere. Perfect for language students and radio amateurs. Only a regenerative circuit can offer such amazing performance and yet be so simple to build. Building this fine kit is an absolute pleasure — It's so well designed you can't go wrong. Kit includes all the parts you need, and the detailed step-by-step instruction book with its giant pictorial drawings shows you just how to put them together. One front panel knob does all the bandswitching at the flick of the wrist, immediately taking you from band to band. All coils are prewound for greater accuracy. This kit is so easy to build a child who can read could do it (and many already have!) The chassis is completely isolated from the circuit, so there is no shock hazard.

This precision radio kit is just full of extra features. Complete 4 band coverage of broadcast stations, international broadcast bands, amateur, maritime, fire and police services, yes, even satellite signals. Big 4" speaker and sensitive circuit with 6OC5 output stage and 12AT7 regenerative detector and amplifier stages give you all the volume you want. Phone jack for privacy automatically disconnects speaker. All controls are on the front panel: On-Off Volume, Main Tuning, Band Spread, Bandswitch, Antenna Tuning, and Regeneration. 110 volt 50-60 cycle AC-DC power supply lets you use this fine set anywhere. Size: 10" x 7" x 8". Everything needed for unexcelled reception is combined in a compact, economical package.

- KT-128 EXPLOR-AIR RECEIVER KIT (Less Cabinet) wt., 5 lbs. Net 21.05
- ML-180 Leatherette covered Wooden Cabinet for above, 1 lb. Net 2.75

SUPER-SENSITIVE PHOTOCELL ELECTRONIC RELAY KIT



- WITH CLAIREX CADMIUM SULPHIDE PHOTOCELL
- ADJUSTABLE SUPER SENSITIVITY—WORKS WITH JUST A FLASHLIGHT AT 250 FEET!
- NEEDS NO SPECIAL HIGH-INTENSITY LIGHTS
- INSTANTANEOUS OR SUSTAINED OPERATION ON THE FLIP OF A SWITCH!

12⁹⁵



CAN BE USED AS BURGLAR ALARM

Lafayette's latest achievement in a super-sensitive photocell relay kit. Ideal for sustained operation required for burglar alarms, door buzzers, for turning on porch and home lights at night to discourage prowlers when away in the evening. Excellent for instantaneous on-off operation required for counters, packaging, door opening, motor activation and countless industrial applications. A flip of the switch converts unit from instantaneous "on-off" to sustained "on" operation. A simple push on the "RESET" switch opens the external circuit and turns off the alarm. The unit operates on 110 volts AC and incorporates the efficient 5823 cold cathode tube, permitting longer life since there are no filaments to burn out. The controlled circuit is plugged into a convenient 110V AC output socket. A simple change in wiring (in instructions), as well as convenient input terminals, enable you to supply the external circuit with any desired voltage. Relay contacts rated at 3 amps permitting up to 300 watts external load on 110 Volts AC. Complete with all parts, photocell, tube, chassis, silk-screened metal cabinet and easy-to-follow illustrated instructions. Size: 3x4x5". Shpg. wt., 3 lbs.

- KT-133A Kit, Complete Net 12.95
- ACCESSORIES FOR ABOVE**
- EL-85 Electric Bell, 110V AC. Shpg. wt., 2 oz. Net 1.49
 - EL-86 Electric Buzzer, 110V AC. Shpg. wt., 10 oz. Net 1.29
 - F-553 6-Digit Electric Counter. Shpg. wt., 1 1/2 lbs. Net 8.95

LIGHT SOURCE

7⁵⁰

- COMPLETELY WIRED
 - FOCUSING ADJUSTMENT
 - INCLUDES RED FILTER
- Completely wired and assembled light source with AC line cord and plug. Will actuate the relay at 500 feet. Knob on rear moves bulb assembly forward for focusing. Removable red filter makes light beam invisible by day and very difficult to detect at night. Metal case. Size: 4 1/4 x 3 x 4 1/2". For 110V 60 cycle AC. Shpg. wt., 4 lbs. PC-43 Net 7.50



AMATEUR EQUIPMENT BY LAFAYETTE

OUTSTANDING HAM VALUES—NOT KITS, COMPLETELY WIRED!

NEW! LAFAYETTE Deluxe 6 Meter TRANSCEIVER MODEL HE-45A

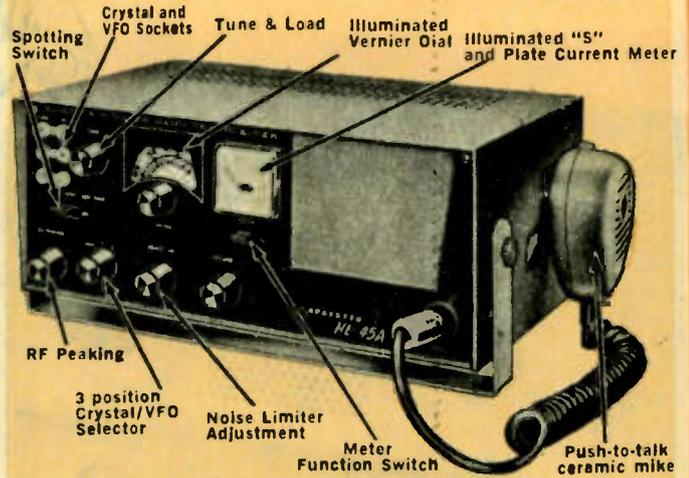
NOW! Front panel antenna loading controls!
VFO POWER JACK!
Popular new ham mike!

114⁹⁵

MADE IN U.S.A.
FOR BUDGET TERMS SEE PAGE 381

- Highly Sensitive Superheterodyne Receiver Section for 50-54 Mc • With minimum drift circuitry • 3-Stage, 12 Watt Transmitter with 2E26 Final
- Built-in 117 VAC and 12 VDC Power Supplies • PI-Network Transmitter Output • Illuminated Panel Meter for Plate Current and "S" Readings • Effective Series Gate Noise Limiter • Complete With Push-To-Talk Ceramic Microphone.

Now, for 6 meters, Lafayette offers a deluxe transmitter-receiver in a single package, with features which make the low price hard to believe. Provides maximum convenience and flexibility in either mobile or fixed operation. The superheterodyne receiver section employs an RF stage with peaking control on front panel, and two i.f. stages at 1690 Kc, for 1 μ v sensitivity and 35 db image rejection. Tunes the entire 6 meter band from 50 to 54 Mc, with calibrated illuminated vernier tuning dial. Features an adjustable series gate noise limiter, built-in speaker. Illuminated panel meter serves as an "S" meter when meter function switch is set to the proper position. Transmitter section employs a 6U8 oscillator and buffer/multiplier, driving a 2E26 final with a plate input of approximately 12 watts on AM. PI-network coaxial output, and front panel antenna loading controls. Sockets for 8 Mc fundamental crystals plus an input for external VFO on the front panel chosen by 3-position selector switch; VFO power jack in rear. A spotting switch is provided for zero beating or for locating the transmitting frequency in the receiver. Panel meter reads plate current when switch is set to proper position. A dual power supply for 117 VAC and 12 VDC is built in, making the HE-45A perfect for mobile operation. Push-to-talk operation provided. Tube complement: 12BA6 RF amplifier, 1-6U8/6EA8 osc./mixer, 12BA6 1st i.f. amp., 1-6U8/6EA8 2nd i.f. amp./1st audio, 1-6CN7



detector/noise limiter, 1-6AQ5 audio output and transmitter modulator, 1-6U8/6EA8 transmitter oscillator and buffer/multiplier, and 1-2E26 transmitter final amplifier. Housed in a rugged, low silhouette base with attractive, metal panel, the HE-45A comes complete with push-to-talk ceramic microphone, crystal for 50.12 Mc, detachable mounting bracket, and all power cables. Only 12x5x8 1/2". Shpg. wt., 15 lbs.
HE-45AWX Net 114.95



LAFAYETTE MODEL HE-35A 6 Meter TRANSCEIVER

57⁵⁰

MADE IN U.S.A. NO MONEY DOWN

SMALL, COMPACT COMPLETE 6 METER STATION—
TAKE IT WITH YOU ANYWHERE!

- Ceramic Temperature-Free Microphone

EASY PAY PLAN SEE PAGE 381

- Superhet Receiver Tunes Entire Band (50-54 mc)
- Efficient Adjustable Noise Limiter • 7 Watts Input to 6CX8 Pentode Final • New Efficient PI-Network Output with Hi-"Q" Tuned Circuit • Separate Oscillator—Final Stage • Accessible Front Panel Socket With Crystal For 50.2 MC Output

Meet the enjoyable challenge of 6 meter operation efficiently and economically with the Lafayette HE-35 6 meter transceiver. This small, compact transceiver features a Transmitter with 7 watts input to a 6CX8 pentode final high quality plate modulation, built-in adjustable TVI filter, and antenna matching network for 30 to 100 ohm antenna; Superheterodyne receiver tunes entire 6 meter band (50-54 mc) and includes variable noise limiter. The transmitter uses a 3rd overtone crystal in easily accessible socket located on front panel; has RF output and modulation indicator. Low-loss SO-239 coaxial antenna output jack. Complete with attractive high output cera-

mic microphone with on-off slide switch and mounting brackets for mobile mtg. 6 or 12 volt power supply separately available for mobile operation. Built-in power supply operates on 110-120 volts, 60 cycle. 10 3/4x5 1/2x6 3/4" D. Tubes: 2-6U8A/6EA8, 6AL5, 12AX7, 6V6GT, 6CX8. Shpg. wt., 11 lbs.
HE-35 AWX Net 87.50
MOBILE POWER SUPPLIES
5 3/4x4 3/4x2 1/4". Shpg. wt., 4 lbs.
HE-16W 12 Volts Net 10.95
HE-18W 6 Volts Net 10.95
Additional Crystals—Specify Frequency
HE-36L Shpg. wt., 4 oz. Delivery 3 wks. Net 4.95

NEW! LAFAYETTE 6 METER VFO for 6 METER TRANSMITTERS AND TRANSCEIVERS

- HIGHLY STABLE OSCILLATOR CIRCUIT
- FULLY WIRED — NOT A KIT

19⁹⁵

Made in U.S.A.



A deluxe 6 meter variable Frequency Oscillator designed for high stability and versatility. Completely shielded, the tuning components are isolated from direct heat of components. A High-Q Clapp oscillator circuit assures drift-free performance. An OA2 VR tube further eliminates any effects due to line voltage variation. Operating in the 4 to 4 1/2 Megacycle range, the output frequency is 8 Mc. Ferrite tuned coil output is approximately 10 volts. The HE-61 can be used with any transceiver which has a standard 8 Mc crystal. Cable with 5-prong power plug for units equipped with VFO 5-prong power jack input. Instructions supplied for units not equipped with 5-prong VFO jack. Also supplied with cable and standard crystal plug for VFO input. The dial is calibrated from 50-54 megacycles and is illuminated for your tuning convenience. Precision planetary drive mechanism with single knob control of 180° rotation. Tube complement consists of one 12BA6 oscillator and an OA2 Voltage regulator. Furnished complete with cable and instructions. Size: 3 3/4x4 3/4x4 1/4" D. Shpg. wt., 3 lbs.
HE-61 Net 19.95

NEW! LAFAYETTE DELUXE UNIVERSAL 6 METER MOBILE ANTENNA

- 58 in. Stainless Steel Whip For Optimum 6 Meter Performance
- Heavy-Duty Chrome Plated Stainless Steel Spring
- Chrome Plated Swivel Ball Jointed Mount Base

6⁹⁵



Chrome swivel ball mount base designed to be mounted on any surface. Stainless steel spring holds rod in properly adjusted position and prevents rod damage from shocks and blows. Stainless steel whip for maximum resiliency and strength. Shpg. wt., 4 lbs.
HE-49W Net 6.95

LAFAYETTE NEW UNIVERSAL 6 METER AND BROADCAST MOBILE ANTENNA

ONE ANTENNA FOR BROADCAST AND 6 METERS!
AT A SENSATIONALLY LOW PRICE OF

4⁷⁵



Here is a highly efficient 6 meter antenna that replaces your Auto radio antenna for operation on both 6 meters and for regular AM broadcast reception. 59" stainless steel mast, all chrome ball type base adjustable to 180° for front rear or side mount. Complete with 54" lead. Highly versatile and durable. Shpg. wt., 4 lbs.
HE-801WX Net 4.75

LAFAYETTE STARFLITE™ 90 WATT PHONE AND CW TRANSMITTER KIT

MADE IN U.S.A.

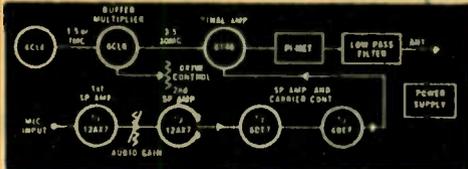


SPECIFICATIONS:
POWER INPUT — 90 watts peak; **OPERATION:** CW, AM phone — crystal or VFO control; **Band Coverage:** 80 to 10 meters; **COUPLING:** Pi-network; **Tubes:** 6146, (2) 6CL6; 12Ax7, 6DE7; **LOW PASS FILTER.** Power requirements: 105-125VAC, 50/60 CPS. 225 watts.

COMPARE!
79⁵⁰

NO MONEY DOWN
 UP TO 24 MONTHS TO
 PAY SEE PAGE 381

SEE THESE ALL STAR FEATURES



- ★ 90 watts phone or cw — 80-10 meters
- ★ Built-in 3-section Low Pass Filter
- ★ Neutralized Final Amplifier
- ★ Clear, Chirpless Grid Block Keying
- ★ Novice Operation at Reduced Power

The new Lafayette Starflite Transmitter Kit was designed to meet the needs of the greatest number of amateurs—General AM Phone or CW. Novice operation is feasible with reduced input power. Easy to build, its many quality design features offer superior engineering and premium quality components comparable to high-priced commercial units. Single-knob bandswitching provides instant coverage of 80 through 10 meters. The Starflite operates on a power input of 90 watts. A front panel switch selects any of five crystal positions with provisions for an external VFO. Controlled carrier modulator permits almost 100% of the CW input to be used on AM peaks. Grid-block keying provides chirp-free operation; a rugged efficient full-wave silicon diode power supply effects extremely low output ripple for cleaner CW transmission. Other quality features include an electron-coupled Pierce oscillator, capacitance bridge neutralization of the 6146 final and a three stage low-pass filter; An illuminated edgewise DI Arsonval panel meter indicates final grid or plate current for easy tune-up. Pi-network output provides the proper match between the plate circuit and any 50-72 ohm coaxial antenna system. Assembly is simplified by the clearly written and profusely illustrated Lafayette instruction manual. Modern low silhouette in heavy gauge steel cabinet.

KT-390WX Shpg. wt., 25 lbs. Net 79.50

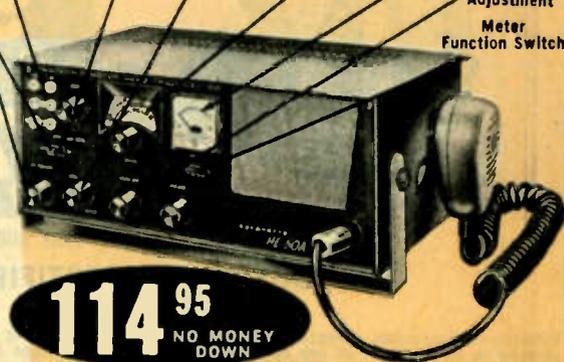
NEW! LAFAYETTE 10 METER TRANSCIVER MODEL HE-50A

NOW WITH FRONT PANEL ANTENNA LOADING CONTROLS, VFO POWER JACK, NEW HAM MIKE!

- Effective Series Gate Noise Limiter
- With Push-To-Talk Ceramic Microphone
- 12-Watt Transmitter with Pi-Network Output
- Built-in Dual Power Supply for 117 VAC and 12 VDC—Ideal for Mobile or Fixed Operation
- Superhet Receiver Tunes 10 Meter Phone Band from 28 to 30 Mc

- Spotting Switch
- Crystal and VFO Sockets
- Antenna Loading
- 3-Position Crystal/VFO Selector
- Illuminated Vernier Dial
- Illum. "S" and Plate Current Meter
- Noise Limiter Adjustment
- Meter Function Switch
- RF Peaking Control

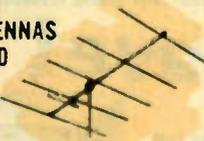
Here is a new transceiver with the deluxe mechanical and electrical features of the HE-45A, applied to the 10 meter amateur phone band. Receiver has 1 μ v sensitivity. The i.f. of 1650 Kc results in a 45 db image rejection on 10 meters. Includes automatic series gate noise limiter. Transmitter runs 12 watts input to a 2E26 final, with pi-network coax output to match any antenna. Uses 7 Mc fundamental crystals or external VFO. Sockets for 3 crystals plus VFO input, with corresponding 3 position selector switch, located on front panel. Physical layout is identical to that of the HE-45A. Includes big illuminated tuning dial and illuminated panel meter which serves as "S" meter and final plate current meter; front panel antenna loading controls; VFO power jack, new ham mike. Built-in dual power supply for 117 VAC and 12VDC make the HE-50A the ideal solution to the problem of finding a compact, completely self-contained 10 meter rig which can be operated mobile or used at home without modification. The many transmitter and receiver features which are combined in this single package make it a value that is hard to beat, at a price designed for the conservative budget. Tube complement: 1-6BA6 RF amplifier, 1-6U8/6EA8 osc. mixer, 1-6BA6 1st i.f. amp., 1-6U8/6EA8 2nd i.f. amp., 1st audio, 1-6CN7 detector/noise limiter, 1-6AQ5 audio output and transmitter modulator, 1-6U8/6EA8 transmitter/oscillator and buffer/multiplier, and 1-2E26 transmitter final amplifier. Housed in a rugged, low-silhouetted case with attractive metal panel, the HE-50A comes complete with push-to-talk ceramic microphone, crystal for 28.60 Mc, detachable mounting bracket, and all power cables. Only 12x5x8 1/2" D.



114⁹⁵
 NO MONEY DOWN

HE-50AWX Shpg. wt., 15 lbs. Net 114.95

CUSHCRAFT FIXED ANTENNAS FOR 6 & 10 METER OPERATION



Model A50-5, 5 Element 6 Meter Beam. A rugged, Full size 6 meter beam constructed of 3/4" 0.050 wall aluminum tubing with hardwood dowling at high stress points. Boom is 0.058 wall drawn aluminum. Driven element is concentric gamma matched for direct coax feed. Light enough for any heavy duty TV rotator. Turning radius — 7'6"; Forward Gain — 9.5 db; F/B ratio — 29 db. Comes with all parts marked for quick, neat assembly and center band operation. Shpg. wt., 15 lbs.

HE-748WX Net 19.50

3 Element 10 Meter Eam (not illus.). Model A28-3 full size 3 element beam is engineered for maximum performance over entire 10 meter band. Turning radius 10', forward gain 8.5 DB, F/B ratio 25 DB. Shpg. wt., 12 lbs.

HE-742WX Net 28.50

MARK MOBILE HELIWHIP ANTENNAS FOR 6 & 10 METERS

9⁹⁵



Fiberglass molded, continuously loaded whip antennas designed to replace conventional stainless steel 1/4 wave whips. The Heliwhip can be positioned on the upper portion of the vehicle such as trunk lid, cowl, fender or hood without danger of shorting to power line. Offers superior performance for 49-55 Mc operation (6 meters) plus blends in with auto styling. Produces 50 ohm match at resonant frequency. Shpg. wt., 1 lb.

HE-740W 6 meter Heliwhip Net 9.95

HE-739W 10 meter Heliwhip Net 9.95

HE-896 HWM-1 Antenna Mount for above.

Shpg. wt., 2 lbs. Net 7.50

NEW! LAFAYETTE 10 METER VFO for 10 METER TRANSMITTERS AND TRANSCIVERS

- HIGHLY STABLE OSCILLATOR CIRCUIT
- FULLY WIRED — NOT A KIT

19⁹⁵



A highly stable variable frequency oscillator designed for HE-50 or any 10 meter rigs employing a standard 7 MC crystal input. Operating in the 3.5 Megacycle Range, the output frequency is 7 MC. A completely shielded Hi-Q clapp oscillator circuit assures drift-free performance. Uses OA2 VR tube to eliminate possible drift effects from line voltage variation. Supplied with cable to connect to HE-50. Instructions are given for connections to units not equipped with 5-prong VFO Jack. Illuminated dial is calibrated from 28 to 30 megacycles. Precision planetary gear mechanism with single knob control of 180° rotation. Tube complement consists of one 12BA6 oscillator on an OA2 voltage regulator. Size 3 3/4" x 4 1/4" x 4 1/4" D. Shpg. wt., 3 lbs.

HE-62 Net 19.95

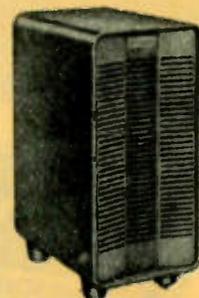


Sensational Values in

designed
for TODAY'S
CROWDED
AMATEUR
BANDS



HE-30



RECEIVER SPEAKER-MATE
HE-48

7⁹⁵

LAFAYETTE Professional Quality AMATEUR COMMUNICATIONS RECEIVER



HE-30 WIRED

99⁹⁵

NO MONEY DOWN
KT-320 SEMI-KIT

79⁹⁵

NO MONEY DOWN

4 BANDS • 550 kc-1600 kc • 4.8 mc-14.5 mc
• 1.6 mc-4.8 mc • 10.5 mc-30 mc

• 8 TUBES PLUS RECTIFIER TUBE • 1 RF + 2 IF STAGES FOR HIGH GAIN RECEPTION • EASY-TO-READ, ILLUMINATED, SLIDE RULE DIAL • BUILT-IN Q-MULTIPLIER FOR CROWDED PHONE OPERATION • ANTENNA TRIMMER FOR OPTIMUM PERFORMANCE ON ALL BANDS • CALIBRATED ELECTRICAL BANDSPREAD ON AMATEUR BANDS 80 THRU 10 METERS • 0-100 LOGGING SCALE FOR SWL'S • EFFECTIVE AUTOMATIC NOISE LIMITER • AVC-MVC SELECTOR ON FRONT PANEL • STABLE OSCILLATOR AND BFO FOR CLEAR CW AND SSB RECEPTION • BUILT-IN EDGEWISE S-METER

EASY BUDGET PLAN SEE PAGE 381

8 TUBES PLUS RECTIFIER TUBE SUPERHETERODYNE CIRCUIT

Outstanding Bandspread, Selectivity with a built-in Q-multiplier, and sensitivity combine to make the HE-30 one of the "hottest" general coverage bandspread receivers ever priced below \$200. For the crowded amateur bands—illuminated Slide Rule Dial, bandspread with markings every 5KCS on 80 and 40 meters (IT TAKES 16 REVOLUTIONS OF THE BANDSPREAD DIAL TO COVER EACH OF THESE BANDS), every 20 KCS on 20 and 15 meters, and every 50 KCS on 10 meters, plus an edgewise S-meter. For the SWL—a 0-100 logging scale for "instant reset" to a desired station plus coverage from 0.55-30 MCS. The 8 tube (plus a husky 5Y3 Rectifier) circuit provides an RF stage with an antenna trimmer for peak performance PLUS 2 IF stages for improved selectivity. The HE-30 utilizes a 5Y3 tube in a transformer Full Wave rectifier power supply for performance with a minimum of hum. Receiver sensitivity—1.0 microvolt for 10db Signal-to-Noise Ratio. The Built-in BFO can be used to separate CW stations by means of the pitch control, while the Q-multiplier adds the selectivity needed for crowded phone band operation. Front panel controls: FUNCTION SWITCH, AUDIO GAIN, SELECTIVITY (Q-Multiplier), FREQUENCY (BFO), BANO SELECTOR, IF GAIN, TRIMMER, AVC-MVC SWITCH, ANL SWITCH, MAIN TUNING, BANDSPREAD TUNING, and head-phone jack. Selectivity—60db at 10KC, 0.8 KC @ 6 db (with Q-multiplier), IF—455KCS, Speaker—External PM type (not supplied), 4 or 8 ohms impedance, Audio Output—1.5 watts. Tubes—6BA6—RF Amplifier, 6BE6—Mixer, 6BE6—Oscillator, 6AV6—Q-Multiplier-BFO, 2-6BA6—IF Amplifier, 6AV6—Detector-AF Amplifier—ANL, 6AQ5—Audio Output, 5Y3—Rectifier. Size 7½x15x10"O. For 105-120, 60 cps AC, 50 watts. Imported.

HE-30WX Shpg. wt., 25 lbs. Net 99.95

NEW! KT-320 SEMI-KIT

This receiver is also available in kit form with all major components and front end pre-mounted and pre-calibrated. All other components supplied for easy mounting. Imported.

KT-320WX Semi Kit, Shpg. wt., 25 lbs. Net 79.95

RECEIVER SPEAKER MATE

SPECIAL 3x5 speaker in handsomely styled cabinet to match HE-30. Gives clean audio response. 8 ohm impedance. Size: 7¾x4x3½x5"O. Shpg. wt., 4 lbs. Imported.

HE-48 Net 7.95

LAFAYETTE 4-BAND-PLUS-6-METER PACKAGE!

Famous HE-30 Professional Quality 4-Band Communications Receiver plus Lafayette HE-56 6-Meter Converter For Exceptional 5-Band Reception.

save!



HE-30

PLUS



HE-56

550-1600 kc 4.8-14.5 mc 50-54 mc
1.6-4.8 mc 10.5-30 mc

COMBINATION 5-BAND
SPECIAL!

124⁵⁰

HE-88WXM Shpg. wt., 31 lbs. Net 124.50

6-Meter Fixed Station Coax Antenna For Above.
HE-988WX Shpg. wt., 5 lbs. Net 14.97

AMATEUR COMMUNICATIONS RECEIVERS



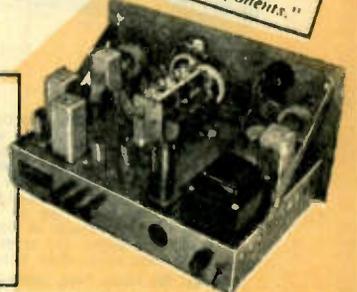
ELECTRONICS ILLUSTRATED

"... even the most inexperienced constructor should have no trouble."

"Sensitivity was so great the IF gain had to be turned all the way down to prevent overloading."

15 73 7

"... excellent value
... rugged, well made, and uses good components."



LAFAYETTE AMATEUR COMMUNICATIONS RECEIVER

SUPERHETERODYNE CIRCUIT UTILIZING 8 TUBES & RECTIFIER TUBE

The KT-200 represents a significant departure from usual kit designs. As soon as it is unpacked, it is already half finished. All of the mechanical mounting is completed. Tube sockets, transformers, main tuning capacitor, filter capacitor, controls, even knobs and pilot lamps are all in place. The tuning assembly is installed and operative. Most important of all, the complex coil assembly and alignment capacitors for the oscillator, mixer and rf amplifier stages are factory mounted and pre-aligned. Thus only a slight touch up will be required to achieve maximum sensitivity and selectivity. Features such as built-in "S" meter with adjustment control, switchable AVC and automatic noise limiter make the KT-200 worth many times its low price. Supplied with all components.

KT-200WX Imported Net 64.50
HE-10WX Same as above, factory wired & Tested Net 79.95

RECEIVER SPEAKER MATE SPECIAL 3x5 speaker in handsomely styled cabinet to match HE-30. Gives clean audio response. 8 ohm impedance. Size: 7¾Hx3½Wx5"D. Shpg. wt., 4 lbs. Imported Net 7.99

KT-200 SEMI-KIT 64⁵⁰

HE-10 WIRED 79⁹⁵

- BAND SPREAD FOR EASY TUNING • BUILT-IN "S" METER WITH ADJUSTMENT CONTROL • EXCELLENT SELECTIVITY • ACCESSORY POWER SOCKET PROVIDED
- ALL TRIMMERS PRE-ALIGNED • COVERS 550KC. TO 31MC. IN FOUR BANDS • VARIABLE BFO AND AF + IF GAIN CONTROLS • SWITCHABLE AVC & AUTOMATIC NOISE LIMITER • ALL MAJOR COMPONENTS PRE-MOUNTED
- DUAL 4 AND 8 OHM OUTPUT IMPEDANCES • 1 RF + 2 IF STAGES FOR HIGH GAIN RECEPTION

RECEIVER SPEAKER MATE



HE-48 **7⁹⁵**

4 BAND SHORTWAVE BROADCAST RECEIVER

- Covers 550 KC to 30 MC in Four Bands
- Sensitive Superheterodyne Circuit
- Easy Tune Slide Rule Dial
- Built-in 4" Speaker • Receives Voice or Code Signals

Economy in Price NOT Performance

Listen to the wonderful sound of international broadcasting with this fine shortwave and standard broadcast receiver. Enjoy the many fascinating foreign broadcast programs in English and other languages and also the bands used by ships, planes and amateurs plus standard AM broadcasts. Tunes all frequencies from 550 kilocycles to 30 megacycles in four bands. Features a modern superheterodyne circuit for 5 tube performance and clear reception. Large easy to read slide rule dial permits simple accurate tuning for any station on-the-air. Bands: (1) 550-1600 KC; (2) 1.6-4.4MC; (3) 4.5-12MC; (4) 11-30MC. Front panel controls consist of

On/off volume, Main Tuning, Band Selection and Phone/CW switch. Code Signals are received by using the Phone/CW switch. Private listening can be achieved by connecting low impedance headphones to the built-in front panel jack. Front panel speaker is automatically disconnected when headphones are used. 3 tubes plus silicon diode. In attractive wrinkle finish. For 115-125V 50/60 cycles AC. Size: 10½xWx5¾Hx8¾"D. Shpg. wt., 9 lbs.

ME-60 No Money Down Net 39.95
ME-42 Headset for HE-60. Net 2.35
Shpg. wt., 1½ lbs. Net 2.35
MS-493 Phone Plug for ME-42. Net .25



Only **39⁹⁵**

No Money Down



HEADSET FOR HE-60 **2.35**

LAFAYETTE FM/AM 30-50 MC POLICE RECEIVER



- TUNEABLE AND CRYSTAL CONTROLLED
- 10 TUBES
- BUILT-IN 4" PM SPEAKER
- EASY-VISION SLIDE RULE DIAL
- DRIFT-COMPENSATED



52⁵⁰

NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 381

Here is a quality communications receiver which picks up police calls, fire department, CD etc., all over town. Keep alert to emergencies at any hour. Quality built, it is safe to say that a better communications receiver could not be found at twice its price. Look at these features. Powerful 10-tube performance, even a short length of wire will suffice to bring in strong local signals; 3 IF stages; Crystal controlled and tuneable, the HE-51 can be accurately tuned to a pre-selected frequency for long periods of time. Critical tuning and drift problems are virtually eliminated. The crystals for fixed frequency operation can be ordered separately—(See below) though most signals in the 30-50

MC range will be FM, some transmissions are AM and a handy front panel FM-AM slide is provided. Built-in squelch circuit reduces background noise, without adversely affecting its sensitivity. The built-in 4" speaker can be cut-out for headphone operation with a panel mounted slide switch. Either high or low impedance phones may be used. Provision has been made for connection of a larger external amplifier if desired. Tube complement: 6AQ8, 6BC5, 6U8, (3) 6AU6, 6AL5, 12AX7, 6AQ5, 6X4. For 105-120 VAC. Size: 12 1/2 x 4 1/2 x 6 1/2". Shpg. wt., 14 lbs. Net \$2.50

- Crystal for Fixed Freq. operation—30-50 MC. Please specify exact operating freq.—supplied within .005%. Allow 30 days for delivery. Net 5.95
- HE-759L M-80LB Window mount antenna for 30-50 MC. Shpg. wt., 3 lbs. Net 7.35
- HE-989W Net 52.50
- HE-52WX Same as HE-51WX but covers 145-175MC and is tuneable, but not crystal controlled. Net 52.50

DELUXE LAFAYETTE SHORTWAVE BROADCAST RECEIVER

4 Band Power Packed Superheterodyne Circuit Covering the Broadcast Band (550-1600KC) and Shortwave From 1600KC to 30 MC (1.6-4.4MC, 4.5-11MC, 11-30MC).



HE-40

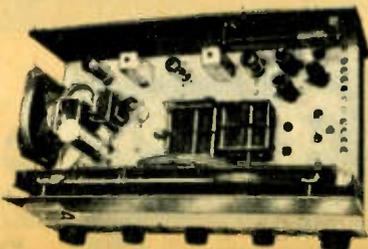
- Improved Sensitivity
- Electrical Bandspread
- Built-in "S" Meter
- AVC — Noise Limiter
- Phone Jack
- Big 5" Speaker
- BFO

SMARTLY STYLED DURABLE METAL CABINET

KT-222 Semi-Kit form HE-40 Factory Wired & Assembled

39⁹⁵ FOR BUDGET TERMS SEE PAGE 381 49⁹⁵

NO MONEY DOWN



Now, you can tune in the world with this fabulous, new Lafayette HE-40 BC-SW receiver. Keep up to date with the spot news coverage. Power packed superheterodyne circuit covers the broadcast band (550-1600 KC) and shortwave from 1600 KC to 30 MC in four bands. The perfect radio for shortwave listeners. Features a precision electrical bandspread with slide rule bandspread dial, 0-100 logging scale for easy self-calibration. Separate bandspread tuning condenser and calibrated "S" meter for accurate tuning. Meter can be electrically adjusted by rear panel control. Sensitive circuit features AVC (Automatic Volume Control) to minimize blasting and/or fade out; Automatic noise limiter to reduce annoying interference. Includes convenient front panel B.F.O./selectivity control to allow for reception of CW (telegraphy). Also has convenient front panel

headphone jack which automatically disconnects speaker. Jack can be used to drive an external speaker. Built-in 5" PM speaker provides big, clear sound on all stations. Useful tone switch is included to vary sound to suit conditions, or taste. Three antennas (ferrite loop for broadcast band, adjustable 58" whip for short wave and wire antenna) provide high sensitivity and flexibility for best reception. Low impedance phones are recommended for use with this unit. Attractively styled steel cabinet with silver trim. Powered by 4 tubes plus a selenium rectifier. 1—12BE6; Converter, 1—12BA6; IF Amplifier, B.F.O., 1—12AU6; Audio Amplifier AVC detector, 1—50C5; Audio output. Operates on 105-125V; 50/60 cycle AC/DC. Size 13 1/2 x 5 7/8 x 8 3/4". Shpg. wt., 12 lbs. Net 49.95

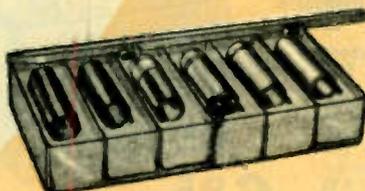
KT-222 Semi-Kit Model Net 39.95

SELECTED VALUES IN AMATEUR ACCESSORIES

NEW! LAFAYETTE MODEL TE-18 GRID DIP METER

- Compact — True One-Hand Operation
- Covers 360 Kc to 220 Mc
- Functions as a Grid Dip Oscillator, Absorption Wave-meter and Oscillating Detector
- Completely Wired — Not A Kit

COMPLETELY WIRED NOT A KIT!



ONLY **29⁵⁰** NO MONEY DOWN

EASY BUDGET PLAN SEE PAGE 381

COMPLETE WITH ALL COILS FOR ALL FREQUENCY RANGES FROM 360 KC TO 220 MC

Here is perhaps the most versatile and indispensable piece of test equipment an amateur can own. Used as a grid dip oscillator, the TE-18 can determine the resonant frequencies of tuned circuits, detect stray resonances in transmitters, check neutralization, locate a defective or improperly adjusted tuned circuit, aid in the adjustment of antennas and traps. If coils are being wound for home-built equipment, the TE-18 can check their frequencies in tuned circuits until they are finally cut to the proper inductance. It can serve as a signal generator for receiver adjustment. As an absorption wave-meter, the unit will determine the frequencies that are being radiated by the transmitter; will detect harmonics, parasitic oscillations and their frequencies, etc. Can be used as a field strength meter for transmitter adjustments. Modulation on the signal being detected may be monitored on headphones plugged into the phone jack. When the TE-18 is used as an oscillating detector, the internal

oscillator is zero beated against the incoming signal to give an audible indication that the meter is tuned to the signal-frequency. Frequency range 360 Kc to 220 Mc, in 8 accurately calibrated ranges. Coils are letter-coded and marked in Mc by frequency range, for easy identification. All coils are completely insulated to prevent accidental contact with the pins and windings. Smooth planetary drive tuning mechanism with 4:1 reduction. Grid current meter has a 500 μ a movement. Compact design, with thumb-tuning and thumb-operated sensitivity control, permits true one-hand operation. On-off and oscillator-diode switch on front panel. The TE-18 employs a 6AF4A tube, powered by a built-in, transformer operated power supply with selenium rectifier. For 117 V. AC, 50-60 cps. Dimensions: 7 $\frac{1}{4}$ "x2 $\frac{3}{4}$ "x2 $\frac{1}{2}$ ". With all coils. Shpg. wt., 3 $\frac{1}{2}$ lbs. Imported.

Net 29.50

TRANSISTORIZED 100 KC CRYSTAL CALIBRATOR MODEL TE-29



11⁹⁵

- Generates Useful 100 Kc Harmonics Up To 54 Mc
- Transistorized, Self-Powered and Self-Contained
- Completely Wired—Not a Kit
- Tunes to WWV Signals

The TE-29 is a transistorized 100 Kc oscillator with an output of high harmonic content. It will provide accurate markings every 100 Kc up to 54 Mc. Can be used to calibrate receivers and VFO's, or to mark band edges to insure in-band operation. The TE-29 may also be used as a constant signal source. The output may be coupled to the receiver directly. Can be tuned to WWV signals for accurate frequency calibration and the coil can be peaked for optimum output. These points are easily accessible from the bottom of the unit. Powered by a small 9 volt battery, the transistor oscillator is completely self-contained—requires no "digging" into the receiver for power. Housed in a 5Wx2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "H sturdy metal box. Complete with battery.

TE-29 Shpg. wt., 1 $\frac{1}{2}$ lbs.

Net 11.95

BA-3 Replacement battery for above

Net .34

TRANSISTORIZED 100 KC & 1 MC MARKER CALIBRATOR



17⁹⁵

- Gives Markers Every 1 Mc, or Every 100 Kc, at the Flick of a Switch
- Fully Transistorized, Self-Contained and Self-Powered
- Completely Wired—Not a Kit
- Tunes to WWV Signals

Here is a unique marker calibrator offering all the features of a conventional calibrator plus many unusual advantages. It consists of two crystal controlled transistor oscillators running at 100 Kc and 1 Mc, respectively. The function switch on the front panel has 3 positions: Off, 1 Mc, and 100 Kc. The 1 Mc markers are useful in locating amateur band edges up through 6 meters, and for rough calibration of general coverage receivers. Since they are farther apart, they are easier to identify in frequency than the 100 Kc markers, so that they may be used as starting points in calibration. Once the 1 Mc intervals are established and identified, the switch may be thrown to the 100 Kc up to 54Mc, so that the calibration may be refined to intervals of tenths of a megacycle. Completely self-contained and powered by a small 9 volt battery. Output is taken from one binding post, on the side. Housed in a 5Wx2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "H sturdy metal box. With battery.

TE-27

Net 17.95

BA-3 Replacement Battery for above

Net .34

LAFAYETTE RADIO for OUTSTANDING VALUES

LAFAYETTE TM-59'er "S" METER

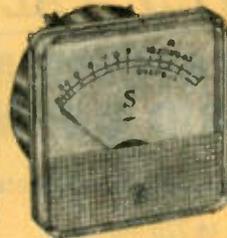
- Now For Hams, SWL's and CB'ers—A Signal Strength Meter Using VTVM Principles • Easy To Install and Operate
- Magnetic Feet For Mobile Dashboard Mounting
- Sensitivity and Zero Adjust Controls

Designed for use with any superheterodyne receiver employing AVC. The TM-59'er utilizes a high input Wheatstone bridge circuit which produces no detrimental loading effect upon the receiver. Meter is calibrated in "S" units from 1 to 9, and in db up to 40db over S9. Includes zero adjust and sensitivity controls. Partial peak clipping is provided for noise limiting. Installation is simple—only 4 leads to connect for input, B+, filament and ground. The use of a 12AU7 tube makes the TM-59'er adaptable to either 6 or 12 volt equipment, and to receivers using 150 ma or 300 ma series string filament systems. Requires 150-200 VDC for B+ which can be "stolen" from most receiver power supplies. Complete with 12AU7 and installation instructions. Imported.



8⁹⁵

TM-59A Shpg. wt., 2 lbs. Net 8.95



LAFAYETTE TM-26 ILLUMINATED COMMUNICATIONS 2 1/2 "S" METER

3⁹⁵

- Replaces Many Communications Receiver "S" Meters
- 2 Jewel Movement • Clear Plastic Front
- Calibrated to S9 + 40db
- BIG BROTHER TO THE LAFAYETTE TM-11

A new signal strength meter (basic 1 ma, 2 jewel movement) designed to replace many "S" meters used in communications receivers. Clear plastic front measures 2 1/2" square and meter fits standard 2 1/4" round hole. Perfect for the experimenter and amateur. Complete with mounting screws, instructions for installation and use. For 6 volt or 12 volt operation. Zero adjustment control on front panel. Imported. Shpg. wt., 1 lb. Net 3.95

TM-26

LAFAYETTE RADIO FIELD INDICATOR

A MUST FOR ALL HAM AND CB OPERATORS

- Continuously indicates transmitter output
- Rugged 200 μ a meter movement
- Requires no Electricity, Batteries, or Transmitter Connection
- Powerful Magnet on Bottom Plate for Mounting on Dashboard or Other Metal Surface

With this rugged, new radio field indicator you can check performance of your marine, mobile or fixed transmitter. Features a 200 μ a meter movement with variable sensitivity control. Earphones can be plugged in for an aural check of output. Antenna extends from 3/4" to 10 3/4". Powerful magnet on bottom plate allows easy mounting on car dashboard or metal surfaces. Use anywhere... requires no electricity or batteries. Dimensions: (less antenna) 3 1/4" W x 2 1/4" H x 2" D. Imported. TM-14 Shpg. wt., 7 oz. Net 6.95



6⁹⁵

High output crystal earpiece for use with TM-14. MS-439 Net 1.09

LAFAYETTE TRANSISTORIZED FIELD STRENGTH METER

- Permits Easy Tune-Up For Maximum Transmitter Output
- Earphone Jack to Monitor Audio • Tuned Input from 2.53 to 57 MC

A transistorized, tuned field strength meter covering 2.530 Mc to 57.000 Mc in 3 bands. Ideal for use with ham, Citizens Band or other transmitters within this frequency range. Enables user to tune his transmitter and antenna for maximum RF output. The RF is sampled by a plug-in telescoping antenna (supplied) and relative field strength is read on a 200 μ a meter calibrated from 0 to 10. Earphone jack provided for the monitoring of any audio on the signal. Electrical and mechanical zero adjustments on front panel. Other controls: gain/on-off switch, tuning, and band selector switch. Powered by single small 1 1/2 volt battery with lifetime approaching "shelf life"—can be operated anywhere. In attractive metal cabinet with telescoping antenna and battery. Imported. TM-16A Shpg. wt., 2 lbs. Net 15.95



15⁹⁵

High output earpiece for use with TM-16A. MS-439 Net 1.09
BA-155 Replacement battery for above Net .095

LAFAYETTE HE-28 ONE KILOWATT RF WATTMETER AND SWR BRIDGE

- Measures SWR and Relative Power Output Up to One Kilowatt • Built-in Dummy Load for Direct Power Readings Up to 150 Watts • For Use With 52 and 75 Ohm Transmission Lines

A combined SWR and power output indicator which will handle up to a full kilowatt of RF. Measures standing wave ratios from 1:1 to 4:1 on either 52 or 75 ohm lines. Actual transmitter power output into a self-contained 52 ohm dummy load can be read directly on the 4 1/2" meter in 2 ranges: 0-15 and 0-150 watts full scale. Relative power may be read up to one kilowatt. SWR readings within 10% from 1.5 to 30 Mc; RF power readings within 5% full scale from 0.1 to 50 Mc.

The HE-28 may be left permanently in the transmission line for continuous monitoring of relative output or SWR, so that any abnormal variations in the source or antenna system will immediately be shown up. Indicator consumes negligible power. The transmitter output and antenna are connected to the meter by means of standard VHF coaxial connectors. Two line impedance slide switches in rear are set to match either a 52 or a 75 ohm transmission line. Three-position function switch on front panel is set to POWER for direct power readings up to 150 watts, to SWR SET for adjusting the bridge, and to SWR for SWR reading. Readings and relative power measurements up to 1 kilowatt. Size: 4 3/4" W x 4 1/2" D x 7 1/2" H. In an attractive grey crackle finish, with rubber feet. Complete with carrying handle and instructions. Imported. HE-28 Shpg. wt., 7 lbs. Net 49.95



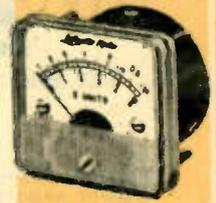
49⁹⁵

BUY ON TIME
SEE PAGE 381

NEW LOW PRICE

LAFAYETTE MINIATURE ILLUMINATED "S" METER

2⁹⁵



- Jeweled Bearings • Clear Plastic Front
- Accuracy 2% of Full Scale
- High Quality D'Arsonval Movement

Lafayette reduces its low price another 25%. Durable wrap-around plastic front panel provides wide-angle readability. Zero adjustment screw on front panel; jeweled bearing movement. Calibrated in "S" units from 0-9 with the scale terminating in +10 and +30 calibrations. Additional full scale calibrations of 0-5 and 0-10 in linear scale divisions. Silvered dials; black numerals and pointers. Illuminating lamp for either 6 or 12 volt operation. 1 1/2" dial face; 1 1/4" overall behind panel. Supplied with mounting screws. Imported. Shpg. wt., 8 oz. Net 2.95

TM-11

HE-34 SWR AND FORWARD

POWER METER

17⁹⁵



- Reads SWR and Relative Power Output Up To 1 KW
- For Continuous Use in 52 Ohm Lines
- Highly Compact — Only 2 1/2" x 5" x 2 1/2"
- Switch Selects SWR or Forward Power — No Reversing Necessary

A compact SWR and relative power meter which can be permanently inserted into a 52 ohm coaxial line to monitor transmitter and antenna performance. The ideal aid in adjusting beams, trap antennas, matching networks, etc., or for tuning transmitters for maximum output. Designed for the frequency range from 3 to 200 mc, and for powers from 25 watts to a full kilowatt. Above 7 Mc, as little as 10 watts will provide adequate sampling; above 100 Mc, as little as 5 watts. The unit is installed by means of a standard coaxial connector on each side, and becomes part of the 52 ohm line. Insertion loss is negligible. Once installed the unit need never be reversed. A switch on the front panel is set to SWR SET for relative forward power readings up to 1 KW on a scale calibrated from 0 to 10, and for adjustment of the sensitivity control for SWR readings. The switch is set to SWR for measurement of reflected power, on an SWR scale calibrated from 1:1 to 100:1. The HE-34 measures only 2 1/2" x 5" x 2 1/2", excluding coax connectors. Imported. HE-34 Shpg. wt., 1 1/4 lbs. Net 17.95

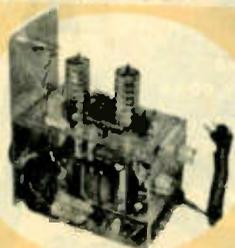
in AMATEUR and SHORTWAVE EQUIPMENT



29⁹⁵

NEW HE-56 LAFAYETTE 6-METER CONVERTER

- SELF-POWERED
- PRINTED CIRCUIT
- 7-11 MC. OUTPUT



FOR BUDGET TERMS SEE PAGE 381

A deluxe 6 meter converter designed to respond to the weakest signals with very low noise. The HE-56 will convert any shortwave receiver that tunes 7-11 Mc. to cover 50-54 Mc. Easy to install between main antenna and receiver's antenna terminals. When the converter's control switch is in the OFF position, signals from the main antenna will be fed around the converter circuit into the receiver thus the receiver will receive both the original frequencies and the 6 meter band. Rugged printed circuit and heavy gauge steel chassis make this unit as durable as the receiver it's connected to. SPECS: Freq. range-50-54 Mc. Crystal freq.—43 Mc. Sensitivity—better than 1 microvolt for 40 db s/n ratio. Image Rejection-in excess of 40 db. Antenna input impedance—52 ohms. Tubes-6AQ8, 6BL8, For 117VAC, 50-60 cps. Size: 7³/₄"Hx3¹/₂"Wx5⁵/₈"D. Shpg. wt., 6 lbs. HE-56

Net 29.95

Cesco CB TRANS-I-CHECK

The Transcheck is a test instrument to check power output and antenna efficiency of Citizens Band Transmitters. Incorporates a sensitive indicating meter with dual scales: Upper scale indicates match or mis-match of line to antenna; lower scale indicates power output. Dim. 4¹/₂"x2¹/₂"x1¹/₂"D. Model CB-52-C. With Coax Connector. HE-190 Shpg. wt., 3 lbs. Net 19.95
Model CB-52-S With auto spade connector. HE-191 Shpg. wt., 3 lbs. Net 18.95



LAFAYETTE MODEL TM-15A WAVE-METER for AMATEUR and CITIZEN BAND



A miniature wavemeter for checking transmitter output. Determines relative strength of fundamental frequency and any harmonic or parasitic radiation, and in so doing aids in elimination of these unwanted emissions. Complete and self contained, the TM-15A requires no power source. Telescoping antenna is included. Merely choose proper band and turn tuning knob until edgewise ³/₄" panel meter indicates the presence of RF. If indications occur at several points within the range of the wavemeter, the transmitter is probably radiating spurious frequencies. Tunes 1.6 to 150 mc in four calibrated bands. Only 3¹/₄"x2¹/₂"x1¹/₂"D. Antenna is 10³/₄" extended. 3¹/₄" telescoped, is fitted with a banana plug and is removable. Imported. Total shpg. wt., 8 oz. TM-15A

895

Net 8.95

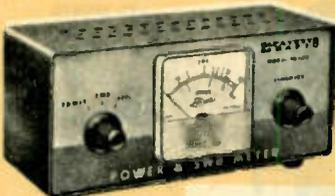
Cesco METER MODEL CM52 SWR

A quality instrument for continuous measurement of standing waves on transmission lines. For continuous line insertion at powers from 25 to 1000 watts, 3 to 2000 megacycles. Requires only 10 watts output above 7 mc. 5 watts above 100 mc. SWR observed immediately at all times without adjustment of Reflectorometer. Line insertion loss less than 1 db at 30 mc. Gray hamertone aluminum case measures 5¹/₂"x3³/₄"x2¹/₄"D. For 52 ohm line. HE-193 Shpg. wt., 3 lbs. Net 29.95



TM-58 SWR BRIDGE AND RF POWER METER

- Measures RF output Power Into Built-in 52 Ohm Dummy Load, Up to 15 Watts
- Measures SWR and Relative Power Up To 1 KW
- Can be Used in 52 and 75 Ohm Coaxial Lines



Here is a quality instrument which will give highly accurate SWR and direct power readings up to 50 Mc. The unit may be permanently inserted in the transmission line for SWR and relative power monitoring. When the 3-position selector switch is set to POWER, the meter will indicate the RF power up to 15 watts, into a built-in 52 ohm resistive load employing quality non-inductive resistors. Full scale accuracy is 10%. The selector switch is set to SWR SET to read relative forward power up to 1 KW and to adjust the sensitivity control for SWR measurements. For direct SWR measurements from 1:1 to 4:1 with transmission line by means of two standard coax connectors, and 2 slide switches are set to 52 or 75 in correspond with line impedances of 52 or 75 ohms, respectively. Insertion loss is negligible. Meter has 50 wa movement; calibrated directly in watts from 0-15, and in SWR from 1 to 4 (reads infinity at full scale). Housed in an attractive grey metal cabinet. 3¹/₄"x7¹/₄"x2³/₄". Sits on 4 rubber feet. Imported. TM-58 Shpg. wt., 2 lbs. Net 27.95

EASY BUDGET PLAN SEE PAGE 381

2795

NO MONEY DOWN

B & W MODEL 600 GRID-DIP METER

Versatile test instrument for shop or ham shack. Tunes 1.75 to 260 mc. in five ranges, uses color-coded dial and plug-in coils. Used as grid-dip meter, signal generator or wave-meter. Complete with coils and rack. For 110-120 volts AC. Size 3x3x7". Shpg. wt., 3 lbs. Grid-Dip Meter HE-300 Net 45.72



B & W T-R SWITCH

Automatic antenna changeover, with transmitters to 1 kw. Provides up to 6 db gain at 3.5 mc. for better reception. For 52 or 75 ohm lines. 3³/₄"x5x3³/₄". Shpg. wt., 2 lbs. Model 380B T-R switch HE-303 Net 23.70



SECO 520 ANTENNA TESTER

Designed to make in-line measurements on 50 ohm coaxial transmission lines. Features direct reading scale for forward power, reflected power, and SWR from 1:1 to 8:1. Three "Watts" ranges: 0-10, 0-100, and 0-1000 watts. SWR scale is also calibrated in percent efficiency; includes GOOD-POOR scale. The 520 employs a precision built dual cylinder air coupler rated at 1000 watts maximum. Can be inserted anywhere in transmission line and left connected for constant monitoring. Introduces no error in coax line to 160 Mc. 6³/₄"x5¹/₂"x2¹/₄"D. TE-730 Shpg. wt., 2¹/₂ lbs. Net 42.09



LAFAYETTE HYBRID PHONE PATCH

Enjoy the pleasure of handling phone patch traffic with this deluxe hybrid patch. Hybrid circuit permits use of AM or SSB with voice control by effectively isolating the receiver audio output from the transmitter audio input. Provides an accurate balance between 500 ohm line and station equipment—with negligible insertion loss. Four connections on rear for receiver output (voice coil, 3.4 ohms), transmitter input, station microphone, and telephone. Easy to operate after a few preliminary adjustments, all from the front panel. Null and balance controls are adjusted, with the aid of readings on the edgewise panel VU meter, for balance and maximum receiver-transmitter isolation. Thus the receiver audio signal, which would ordinarily trip the VOX circuit, is balanced out from the transmitter audio section. The gain control is adjusted for proper transmitter and receiver audio level. VU meter continuously monitors line level. The patch can be switched in and out by means of a front panel switch, so that it may be permanently installed. Compact, sloning cabinet will fit into any station arrangement. Sits on 4 non-slip rubber feet. Size: 3¹/₂"H x 5¹/₂"W x 4"D. Imported. HE-26 Shpg. wt., 3 lbs. Net 24.50

EASY PAY PLAN SEE PAGE 381

2450

NEW LAFAYETTE HE-29B "WALKIE TALKIE"™ FAMOUS CITIZENS BAND TRANSCEIVER

NOW With 10 Transistors plus diode
& thermistor, with extra RF stage . . .
50% MORE POWERFUL!



ONLY 33⁹⁵ NO MONEY DOWN
Complete with LEATHER CASE, EARPHONE, ANTENNA & BATTERIES
2 for 62⁹⁰



- Transmits & Receives Up to 2 Miles
- Crystal Control on Both Transmit & Receive
- Requires 8 Inexpensive Pentight Batteries
- Up to 50 Hours Battery Life • 46" Telescoping Antenna • Push-To-Talk Operation • Earphone For Personal Listening

Lafayette's latest version of the famous HE-29 Walkie Talkie. The HE-29B, scoops the industry with a carefully engineered 10 transistor circuit plus diode and thermistor, which meets the FCC power input specifications of 100 milliwatts. No license or permit is required to operate this complete portable 2-way communications instrument. Receives and transmits up to 2 miles under average conditions (no intervening obstructions). The "Walkie-Talkie" is as simple to use as a telephone . . . and twice as handy. Perfect for outdoor sports, construction work, office, warehouse, farm or in plant communications. Compact size, slips into your pocket — weighs only 18 ounces two controls—"on/off" and "push-to-talk" provide fast, efficient operation. Built-in speaker also serves as a sensitive microphone. Sophisticated transistor circuitry now has an additional RF stage for exceptional sensitivity, selectivity and signal-to-noise ratio. Transmitter section is crystal controlled and operates on a

frequency of 27mc. Crystal controlled superheterodyne receiver provides crisp clear reception. Power is supplied by 8 miniature penlight batteries with a life expectancy of approximately 50 hours. Housed in a handsome black and silver aluminum case with leather carrying case and shoulder strap. Supplied with earphone for private monitoring 46" telescoping antenna, batteries and crystals for channel 10. Size: 6^{3/8}Hx3^{3/4}Wx1^{5/8}"D. Shpg. wt., 3 lbs. Imported.

OTHER CHANNELS ARE AVAILABLE
If desired with any channel other than channel 10, order HE-318L and specify channel.

NO LICENSES, TESTS OR AGE LIMITS (FCC REG. 15)

EASY BUDGET PLAN
SEE PAGE 381

| | | |
|---|---------|-------|
| HE-29BL | Net | 33.95 |
| 2 for | Net | 62.90 |
| CRYSTALS FOR HE-29B | | |
| HE-830 Transmitting Crystal (specify channel) | Net | 2.25 |
| HE-758L Receive Crystal (specify channel) | Net | 2.25 |
| BA-155 Replacement Batteries 8 "Z" cells required | Net ea. | .095 |

NEW! LAFAYETTE HE-15B 2-WAY SUPERHET CITIZENS BAND TRANSCEIVER!



MADE IN U.S.A.

COMPLETE 2-WAY COMMUNICATIONS FOR BUSINESS, HOME, FARM, BOAT, AND SPORTS

NOW! OFFICIALLY APPROVED FOR USE IN CANADA
BY DEPT. OF TRANSPORT
Type Approval No. 169361034

NOW!
8 Crystal Transmit Positions
Increased Selectivity in IF's
Attractive Modern Styling

ONLY 54⁵⁰
NO MONEY DOWN

THE GREATEST VALUE in the CITIZENS BAND FIELD

- Improved Selectivity and Power Output • Superheterodyne Tunable Receiver Over Full 23 Channels • 4 Dual Function Tubes, Plus 2 Single Function Tubes, Plus 2 Rectifiers for 12 Tube Performance • Planetary Vernier Tuning • Complete With Transmitting Crystal for Channel 9

The Lafayette HE-15B Superheterodyne Transceiver is both a compact precision transmitter and receiver designed to operate on the new class D "Citizens Band." Two or more of these units furnish your own communications system covering up to a 20 mile or more radius depending on antenna height and terrain. The Transceiver features 8 crystal controlled transmitting channels operating at a maximum legal power input of 5 watts fully modulated, RF stage in both transmitter and receiver. The 8 position crystal selector on the front panel selects any one of 8 transmitting frequencies. These 8 crystals are readily accessible by means of a removable front plate. The superheterodyne receiver is tuneable over the full 23 channel band, with 3 watts audio output, AVC, and an amazingly effective Full-Wave Variable Noise Limiter. The Noise Limiter is continuously variable from the front panel for diminishing ignition and other unwanted noise pickup. RF jack on the front panel may be used to monitor the current in the final tube using external meter. Controls include a 3 position function switch (transmit, receive, and transmit with spring return), planetary vernier tuning, plus variable noise limiter. Output impedance matches 52 and 72 ohm antenna with Amphenol type coax connector. Has large PM speaker;

input jack for crystal or ceramic microphone power receptacle in rear for AC line and 6 or 12 volt external power supply. Supplied with single transmitting crystal for channel 9, high output ceramic microphone, and brackets for easy mounting of units in auto, boat, etc. Operates on 115 volts AC. Addition of 6 or 12 volt power supply (separately supplied) adds transceiver for mobile operation. Size 10^{1/4}Wx5^{1/2}Hx6^{3/8}D. Tube complement: 2-6UBA/6EA8, 1-6AL5, 1-6V6, 1-12AX7, 1-6AW8, HE-15BWX Shpg. wt., 11 lbs. Net 54.50

POWER SUPPLY: Adapts HE-15B for mobile operation. Complete with cable, 6 or 12 volt vibrator and mounting flanges. Completely enclosed. Size 4^{1/4}Dx6Wx4^{1/2}H. Shpg. wt., 4 lbs.

HE-16W For 12 Volts Net 10.95
HE-18W For 6 Volts Net 10.95

ANTENNA: Base loaded telescoping whip antenna with PL-259 coax connector. Mounts directly on rear of cabinet. Telescopes to only 15". For short distances.
HE-19 Shpg. wt., 2 lbs. Net 3.95

TRANSMITTING CRYSTALS: For any of the 23 channels. Specify channel or frequency.
HE-830, Net 2.25

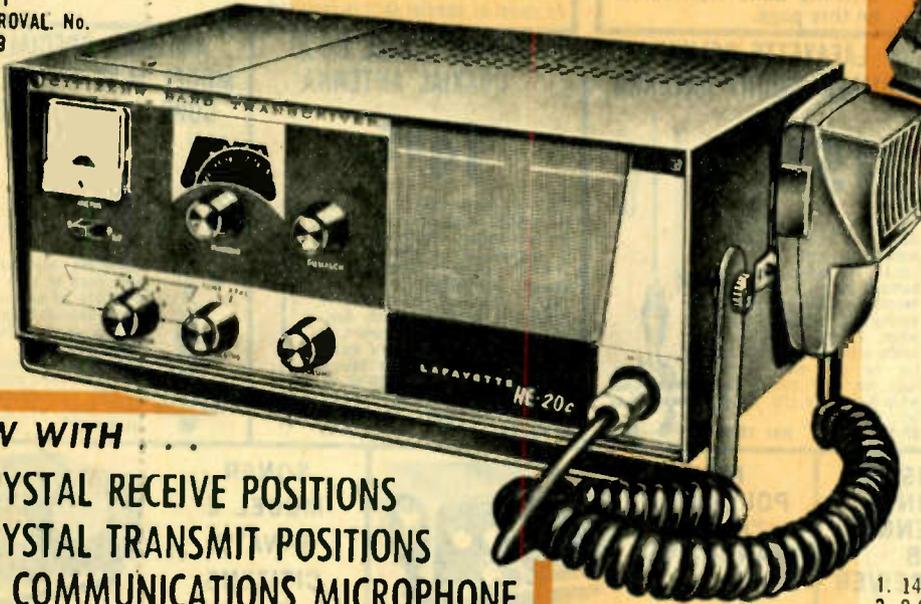
NEW! LAFAYETTE HE-20C DELUXE CITIZENS BAND TRANSCEIVER

NOW! OFFICIALLY APPROVED FOR
USE IN CANADA BY DEPT. OF
TRANSPORT
TYPE APPROVAL No.
169361028

NOT A KIT COMPLETELY WIRED



MADE
IN
U.S.A.



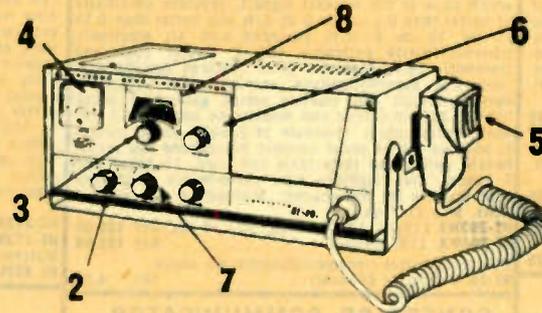
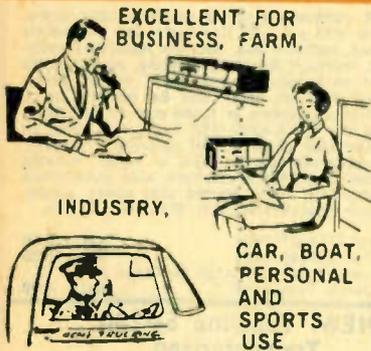
109⁵⁰

NO MONEY DOWN
BUY ON TIME SEE PAGE 381

LOOK AT THESE
QUALITY FEATURES

NOW WITH ...
8 CRYSTAL RECEIVE POSITIONS
8 CRYSTAL TRANSMIT POSITIONS
NEW COMMUNICATIONS MICROPHONE

1. 14 Tube Performance, 3 Diodes
2. 8 Crystal-Controlled Transmit Positions
8 Crystal-Controlled Receive Positions
3. Tuneable Receiver over all 23 channels
4. New Direct Reading "S" Meter Indicates
RF Power Output, Transmitter and
Antenna Efficiency and Receiver "S"
Readings.
5. Palm operated Push-To-Talk Ceramic
Microphone
6. Adjustable Squelch Control
7. Receive Tuneable or Fixed Crystal
Selector Switch
8. Illuminated Dial
9. Highly Effective Automatic Series Gate
Noise Limiter
10. Built-in 12 or 6 volt Power Supply for
Mobile Use
11. Complete with channel 9 Transmit &
Receive Crystals.



WITH Foolproof Dependable Relay Switching Found In Most Expensive Equipment. NOT Electrical Switching With Its Voltage Hazards. NOT Electronic Switching With Inefficiency Due To Tube and Parts Deterioration.

Quality engineering, design, and features give this Deluxe transceiver a place all-its-own in the Citizens Band Field. Operating within the limits prescribed by the FCC, the HE-20C supplies you with a highly efficient 2-way radio-telephone communications system from your office, truck, auto, boat, store, home, etc. Two or more will serve as an effective communications system over a distance of up to 20 miles or more, depending on the terrain and the height of the antenna.

3 dual function tubes, 1-Quadri-purpose tube, 3 tubes, and 2 Silicon rectifiers give 14 tube performance. The transmitter section features precision engineering to insure power-packed communications. The 5 watt-input crystal-controlled transmitter may be operated on any 8 of the 23 channels assigned by the FCC. The operating channel can be selected by a knob on the front panel (transceiver comes with pair of crystals for channel 9). The receiver circuits provide for 8 crystal controlled receiving channels plus a tuneable superheterodyne receiver that covers all 23

assigned channels, with a sensitivity of 1 microvolt. Effective built-in Squelch circuit quiets the receiver when no signal is being received. Series Gate Noise Limiter materially reduces ignition noise and other unwanted interference. An illuminated dial with planetary vernier tuning is clearly marked with channel numbers and lights up when tuned to any channel. New tuneable or fixed receiver switch permits selection of tuneable and fixed receive operation. The receiver terminates in 4" speaker amply supplied by over 2-watts of audio power. The unit comes complete with a push-to-talk ceramic microphone that is conveniently mounted to the side of the transceiver. Push-to-talk operation is accomplished with a sturdy dependable relay. An "S" meter calibrated in S units 1-9 and to 30 db. above S-9, allows measurement of incoming signal strength. The meter is wired with a switch to enable monitoring of final amplifier wattage. Incorporates Pi-network for optimum matching to 30-100 ohm antenna for high signal output. A low-loss antenna

jack is mounted at the rear of the cabinet to accept the popular PL-259 connector used with dipole, ground plane, rod, and direct mounting (Lafayette HE-19) Antennas. Rugged, low silhouette ease with a bracket handle for installation at any location and in any position. Tube line up 1-6AW8A Oscillator/Amplifier; 1-6BA6, RF Amplifier; 1-6AU6 1st IF Amplifier; 6EA8 mixer/Conv. and receive osc.; 1-6EA8 2nd IF Amplifier and 1st Audio Amplifier; 1-6AQ5 Audio Output/Modulator; 1-6T8 ANL, Detector, AGC, Squelch Clamp and 2nd Audio Amplifier. Size 12x5x8 1/2"D. With 115 Volts AC/12 Volts DC or 115 Volts AC/6 Volts DC Power supply. Shpg. wt., 14 lbs.

| | | |
|---|-----|--------|
| HE-20CWX 115 AC/12 Volts DC | Net | 108.50 |
| HE-43CWX 115 Volts AC/6 Volts DC | Net | 108.50 |
| HE-830L Transmit Crystal | | |
| (Specify Channel or Frequency) | Net | 2.25 |
| HE-22L Receive Crystal | | |
| (Specify Channel) | Net | 2.25 |
| Direct plug in antenna for short distance communications. | | |
| HE-19 Shpg. wt., 1 lb. | Net | 3.95 |

CITIZENS BAND 2-WAY RADIO COMMUNICATIONS

CITIZENS BAND ANTENNA

FREE!

Select 1 of the 4 CB antennas listed below and receive this antenna free with the purchase of any Citizens Band Transceiver on this page.

FOR BUSINESS, INDUSTRY, CARS, BOATS, FARMS, SPORTS, AND PERSONAL USE

23 assigned radio channels within the 26.965 to 27.255 megacycle range (11 meters) make possible 2-way radio communications in a great number of business and personal applications.

Station license is easy to obtain — merely fill out FCC form (supplied) — no exam or special skill is required.

ANTENNA SPECIALISTS MODEL MC-27 GROUND PLANE ANTENNA



1563

Solid aluminum 108-inch heat-treated radials and radiator. Elements supplied in two 54 inch lengths joined by threading coupling nuts. Radials droop for 50 ohm match. Accepts 1 1/4 inch tubing RG-58/U cable and PL-259 connector. Shpg. wt., 4 lbs.
HE-661WX Net 15.63

LAFAYETTE DELUXE BUMPER MOUNT ANTENNA

1595



Adaptable to virtually all American and Foreign cars. Includes double bumper mount with cable terminals, cadmium plated spring 102" stainless steel whip, 20 ft. of RG-58/U cable with PL-259 connector on one end, solder lugs on the other, and whip holddown clip. Shpg. wt., 5 lbs.
SP-198WX Net 15.95

HI-PAR MODEL CO-27 COAXIAL ANTENNA

1495

The half-wave coaxial antenna is widely used in commercial and emergency communications. It consists of a quarter-wave vertical element (108" long) above a quarter-wave cylindrical "skirt" which surrounds and is concentric with the mast. Constructed entirely of aluminum, it requires 15 ft. 1/4" TV mast-ing or 12 ft. aluminum tubing for support. Uses RG-59/U or RG-11/U coaxial line. Overall height 176". Shpg. wt., 5 lbs.
HE-804WX Net 14.95

ANTENNA SPECIALISTS MODEL M-23 MOBILE REAR COWL MOUNT ANTENNA

1852



Complete Antenna Kit for rear deck or side mounting. Consists of cadmium plated base, special alloy cadmium plated spring, 102" stainless steel whip, cable and gutter clip. Furnished with 20 ft. RG-58/U cable, having PL-259 connectors on both ends. Shpg. wt., 6 lbs.
HE-674WX Net 18.52



JOHNSON VIKING "MESSENGER" CB TRANSCEIVER

Designed for reliability and easy installation in your home, business location, car, truck or boat. Excellent receiver sensitivity and selectivity. Features 5 crystal controlled receiving and transmitting channels. Transceiver has 10 tubes (including rectifier). Compact modern styling — 5 3/4"x7 1/4"x1 3/8" D. Complete with tubes. Push-to-talk microphone, and crystals for one channel. Shpg. wt., 15 1/2 lbs.
HE-447WX Model 242-128 115VAC/12VDC Net 144.95
HE-448WX Model 242-127 115VAC/6VDC Net 144.95
HE-481WX Model 242-126 115VAC Net 134.95
Universal Dash Mounting Kit for HE-447WX, HE-448WX, HE-451WX.
HE-407 Model 251-828. Shpg. wt., 2 lbs. Net 2.80
Lafayette transmit tube crystal for above. Net 2.28
HE-830 (Specify Frequency) Net 2.28
Lafayette receiver tube crystal for above. Net 2.25
HE-833L (Specify Frequency)

NEW POLY-COMM "N" CB TRANSCEIVER



Designed for continuous, heavy-duty operation, the "N" with a Nuvistar front end, an ultra high-gain stage which pulls in the weakest signals, provides sensitivity of better than 0.1 μ v for 6 db S/N and better than 0.14 μ v for 10 db S+N/N. Equipped with all electronic transmit/receive switching and 4 crystal controlled transmit/receive channels. Other features include dual conversion superheterodyne receiver with adjustable squelch circuit and floating series gate type noise limiter, built-in carrier and modulation indicator, 4 full watts audio output. Minimum of 3 watts power output to antenna. Shock proof ceramic microphone has push-to-talk switch and retractable coil cord. 11 tubes and 7 diodes give eighteen tube performance. Complete with crystals for one channel. Microphone and instructions. Size 11x7 1/2x5".
HE-293WX 115VAC/12VDC. Shpg. wt., 18 lbs. Net 189.50
HE-294WX 115VAC/6VDC Net 189.50
Matched crystals (receiver/transmit) for above. Net 4.50
HE-297L (Specify Channel)

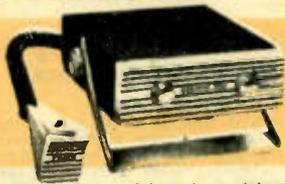
SONAR MODEL E 5-WATT CITIZENS BAND RADIO



The Model E combines a highly sensitive superheterodyne receiver with a 5 watt transmitter in a completely self-contained, compact unit. Receiver features a sensitivity of 0.5 microvolt for 10 db quieting, an adjustable squelch and an automatic series noise limiter. Selectivity is 5KC at 6 db down. Can be operated on 8 crystal controlled channels or tuned over all 22. Transmitter input is a full 5 watts (FCC limit), modulated up to 100%. Operates on 8 crystal controlled channels, with a frequency stability of .005% or better. Includes high impedance ceramic microphone with push-to-talk switch. Completely self-contained dual power supply. Measures only 11 1/4"x9 1/2"x4 3/4" H. Shpg. wt., 12 lbs.
HE-372WX For 117VAC/12VDC. Net 179.50
HE-373WX For 117VAC/6VDC Net 179.50
Matched receive/transmit crystals for Model E
HE-832L (Specify Frequency) Net 4.50

OSBORNE 300 ALL-TRANSISTORIZED

CITIZENS BAND RADIO



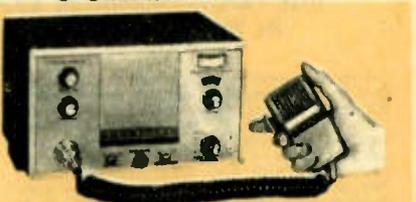
The Osborne 300 employs 9 transistors in a deluxe ultra-compact transceiver unit. Receiver sensitivity is better than 1 μ v, typically 0.5 μ v, for a 10 db (S+N)/N ratio. High selectivity (2.6Kc at 6 db down) results in adjacent channel attenuation of 50 db. Includes built-in squelch circuit. Total receiver power drain is 3 watts. Transmitter has input of 3.2 watts P.E.P., crystal controlled within a frequency tolerance of \pm .005%. Includes push-to-talk microphone, power supply, 1 set of crystals. Modern decorator styling, in jet black.
HE-836WX Model 300, for 117VAC. Shpg. wt., 6 lbs. Net 179.50
Model 830 6VDC converter for mobile use. Net 19.75
HE-837
Model 840. 12 VDC converter for mobile use. Net 19.75
HE-836
Matched receive/transmit crystals for above. Net 4.50
HE-831L

GONSET CB COMMUNICATOR MODEL G-14



The new Gonset CB Communicator features a sensitive, highly selective double conversion receiver and a 5-watt 100% modulated transmitter. Dual conversion receiver has sensitivity of 1 μ v for 10 db S/N ratio. Selectivity: 6 Kc. at 6 db down. 30 Kc. at 80 db down. Squelch adjustable from front panel. Transmitter includes a push-to-talk heatproof, ceramic microphone. Equipped with 4 crystal controlled transmit/receive channels. Entire unit employs 9 tubes. 3 silicon rectifiers. Complete with built-in dual power supply and one set of transmit/receive crystals. 4x7x11 1/4". Shpg. wt., 12 lbs.
HE-495WX For 117VAC/6VDC Net 149.50
HE-496WX For 117VAC/12VDC Net 149.50
Lafayette matched crystals (rec/tr) for Gonset G-14. Net 4.50
HE-538L (Specify channel)

NEW! Vocaline ED296 Transistorized 6-Channel Transceiver



The advanced Vocaline ED296 Transceiver has 22 transistors, 8 diodes, and 3 tubes. 3-stage AGC, eliminates blasting and fading. Receiver is a double conversion superheterodyne unit. Transmitter provides a full 3 watts output, with 100% modulation. Features "S" meter for easy tuning. Sensitivity better than 0.2 μ v for a 6db signal plus noise/noise ratio. Selectivity is 40db down \pm 6Kc. Entire unit mounts quickly for rugged mobile use or operates as a free-standing unit. Power requirements: 117VAC/12VDC. Complete with mike and one transmit crystal. Size: 5 3/4"x9 3/4"x3 3/4".
HE-258WX Shpg. wt., 16 lbs. Net 249.95
Lafayette Transmit Xtal for ED296 (specify channel). Net ea. 2.25
HE-255L

TRANSISTORIZED CLASS D PORTABLE POCKET TRANSCIEVERS

NO LICENSE OR PERMIT REQUIRED—NO FORMS TO FILL OUT*

* Easy to obtain license required for Osborne 120



E. F. JOHNSON 100-MILLIWATT PERSONAL MESSENGER 2-WAY TRANSCIEVER

A superbly engineered, two-way crystal-controlled transceiver which employs 11 transistors and 4 diodes and is small enough to be hand-carried. Sensitive superheterodyne receiver with tuned RF stage features automatic noise limiter, AVC, squelch, push-pull audio output.

Powerful, efficient two-stage transmitter. Includes penlight cell battery compartment. Battery compartment with rechargeable nickel-cadmium batteries can be plugged into 115 VAC line to charge batteries — available as an accessory. Built-in telescoping antenna. Supplied with crystals for CB channel 11.

ME-782L Shpg. wt., 2 lbs. Net 109.50
NEW E. F. JOHNSON 1-WATT PERSONAL MESSENGER. SAME AS ABOVE BUT 1 WATT. SUPPLIED WITH CRYSTALS FOR CHANNEL 11.
ME-823L Net 129.50

Leather Carrying Case for Personal Messengers.
ME-783L Shpg. wt., 1 lb. Net 8.50

BA-155 Type Z penlight cells (8 req.) Shpg. wt., 6 oz. Net ea. .095

Rechargeable nickel cadmium battery mounted in sealed plug-in compartment for recharging at 115 VAC, 50-60 CPS. Shpg. wt., 8 oz. Net 10.55
ME-784L

OSBORNE DUO-COM 120 TRANSCIEVER

Here is a portable, pocket sized Citizens Band transceiver with 10 times the power of more conventional units (requires easy to obtain license). Powered by a rechargeable battery with life of over 18 hours before recharge, this transceiver employs 11 transistors plus 2 diodes to offer deluxe features unusual in pocket size equipment. Transmitter is composed of a crystal oscillator driving a high efficiency, power modulated RF amplifier, with a full 1 watt minimum input as compared to the 100 mw maximum input of unlicensed transceivers. Range is 1 mile under adverse conditions, up to 5 miles under average conditions and up to 25 miles under optimum conditions. The receiver is a double conversion superheterodyne, with both local oscillators crystal-controlled. Sensitivity better than 1 microvolt for 10 db S/N ratio.

Built in squelch control. Audio amplifier operates class B push-pull at 750 milli-watts. Sealed speaker/mike transducer. Jacks provided for external antenna and earphones. Plug-in crystals supplied for channel 10. Less battery. 1 1/2" x 4 3/4". Shpg. wt. 2 1/2 lbs.
ME-839L Net 120.50
Model 880 rechargeable battery for above Net 12.50
ME-835L Net 12.50
MODEL 900 Battery Charger For Duo-Com 120 Net 19.50
ME-785



MODEL 740 CITIZENS BAND TRANSCIEVER

• Available in Kit or Wired Form



Lightweight and pocket-sized, this transceiver requires no technical skill in its operation. Simply press button to talk, release to listen; volume control adjusts listening level. Employs 9 transistors and 1 diode, powered by a nickel-cadmium rechargeable battery. Includes charger which operates from any 115 volt outlet. One battery charge provides 10-12 hours of intermittent use and battery can be recharged 300-500 times! Transmitter input is 100 mw (FCC limit for unlicensed CB units) — range up to 10 miles under optimum conditions, 1 1/2 miles under average conditions. Superhet receiver with crystal-controlled local oscillator has sensitivity of 1-2 microvolts for 10 db signal/noise ratio. A 2 1/4" PM speaker serves as both speaker and microphone. Built-in 41" telescoping antenna. In aluminum case, 7 1/2" x 2 1/2" x 1 3/4". With crystals for channel 16. Shpg. wt. 1 1/2 lbs.
ME-335L Kit With nickel cadmium battery Net 54.95
ME-336L Wired With nickel cadmium battery Net 78.95

CB TRANSCIEVERS, TESTERS, ACCESSORIES, AND CALLBOOK



EICO DELUXE 770 SERIES CITIZENS BAND TRANSCIEVER KITS

Deluxe versions of the 760 series transceiver kits. Each has 4-channel crystal-controlled transmitting; crystal-controlled receiving is available with one transmit channel. Continuous tuning over all 23 channels. 5 watts input power to final RF amplifier. Push-to-talk ceramic microphone with built-in transmitting relay. Superheterodyne receiver has adjustable squelch control. Sensitivity: 1 microvolt for 10 db signal-to-noise ratio. All models include appropriate built-in power supply, line cord(s) one transmitting crystal, microphone cord and connector. Mounting bracket permits 360° rotation. Size: 6x8 1/2x9". Shpg. wt., 13 lbs.

ME-329WX 770 Kit, 117 VAC, 60 cps Net 79.95
ME-330WX 770 Factory Wired Net 109.95
ME-331WX 771 Kit, 117 VAC/6VDC Net 89.95
ME-332WX 771 Factory Wired Net 119.95
ME-333WX 772 Kit, 117 VAC/12VDC Net 89.95
ME-334WX 772 Factory Wired Net 119.95

EXTRA CRYSTALS FOR EICO 770 SERIES

ME-830 Transmit crystal (specify channel) Net 2.25
ME-834L Receive crystal (specify channel) Net 2.25

HAMMARLUND



HQ-105TR CB & HAM BAND TRANSCIEVER FOR 11 METER & 10 METER OPERATION

Versatile citizens band transceiver with built-in provision for ham band operation. Transmitter can easily be retuned for 10 meter operation—ideal for the citizens band operator who wishes to have immediate access to an amateur band upon the arrival of his general class license. Also ideal for the amateur operator wishing to use a single unit for both his hobby and his business. Transmitter has 5 watt input, 100% amplitude modulated, for both CB and 10 meter operation. Receiver is continuously tunable from 540 Kc to 30 Mc, with accurately calibrated electrical bandspread on the 80, 40, 20, 15 and 10 meter bands, plus the citizens band. Other receiver features approximately equivalent to those of the new HQ-100A. Shipped with one 11 meter CB Transmit Crystal. Size 16 1/4" x 9 1/2" x 4 1/2" D. Shpg. wt., 34 lbs.

ME-148WX . . . HQ-105TR, less clock Net 219.50
ME-149WX . . . HQ-105TRC, w/clock timer Net 229.50
Model S-100 Matching speaker, shpg. wt., 10 lbs.
ME-152 Net 14.95

EXTRA 11 METER TRANSMIT CRYSTAL FOR HQ-105 (Specify Channel). Net 2.25
ME-830

NEW HAMMARLUND CB-8 OCT-X 8-CHANNEL PUSH-BUTTON CB SELECTOR



• For use with HQ-105TR or any other CB Transceiver

Now you can select a clear CB channel fast — with precision accuracy. Mounts easily to convert the built-in transmitter to 8-crystal, 8-channel selectable frequency. Design permits affixing this unit to the top or side of a transmitter. Push-button design eliminates going through busy channels with a live transmitter to get to the one you want to use. Simple plug-in construction permits instantaneous crystal replacement. Shpg. wt., 2 lbs.
ME-938 Net 15.95

NEW "SPEAKEASY" AUDIO COMPRESSOR AMPLIFIER for CITIZEN BAND TRANSCIEVERS



• For Mobile and Base Transceivers
• Built-in Modulation Meter
• Works with all Popular CB Units

Automatically and effectively increases average modulation, voice, readability, and therefore distance without over modulation. Speak Easy is suitable for mobile or base use, and is available for 115/120 or 115/6 volts. Final power input to transmitter remains within legal 5 watt limit, but effective voice power is increased many times. Easily attaches to your CB transceiver, requires practically no power for operation. Complete operational and installation instructions are provided. 2 1/4" x 5 1/4" x 1 1/2". Shpg. wt., 3 lbs.
ME-905 . . . "Speak Easy" 115VAC/12DC Net 34.75
ME-906 . . . "Speak Easy" 115VAC/6DC Net 34.75

E F JOHNSON TONE ALERT

• Selective Calling System for Two-Way Radio
• Uses High "Q" Frequency Selective Resonant Relay



Johnson "Tone Alert" is a selective calling system which attaches to most two-way radio equipment and permits calling your own mobile unit, or being called by it, without the annoyance of having to listen to other transmissions. Your own receiver is operative 100% of the time while your own units will be absolutely quiet until signaled by your own calling tone. Important too—your receiver is operative regardless of where your volume and squelch controls are set. Comes completely wired and tested. Includes connecting cable and mounting hardware. Can be easily installed in a few minutes. 7 3/4" D. Shpg. wt., 2 lbs.
ME-626 250-810 Tone Alert 115VAC/6VDC Net 59.95
ME-627 250-811 Tone Alert 115VAC/12VDC Net 59.95

SECO MODEL 500 ALL TRANSISTORIZED CRYSTAL METER 2-WAY RADIO TEST SET



• A Portable Crystal Checker. RF Signal and Field Strength meter in one compact unit

Loaded with unique features, the Seco Model 500 Test Set cuts servicing and installation time on Citizen's Band and other crystal controlled two-way radio equipment; checks activity on third overtone transmitter crystals with a visual indication on output meter scale—checks fundamental types and third overtone receiver crystals at fundamental frequency. Completely self-contained and portable, the Model 500 is powered by a 1.5 volt "C" battery—use anywhere—the 15 ft. remote cable lets you check equipment in a car, boat or plane by simply placing the tester in any convenient location. Model 500 complete with 15 ft. remote cable and "C" battery.
ME-765 Net 28.35

1962 CITIZENS BAND CALLBOOK

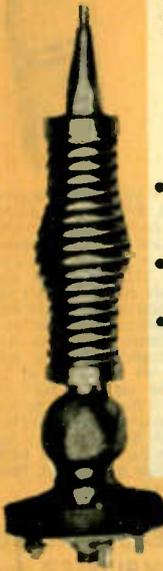
Up-to-date list of "Q" calls, special do-it-yourself section and 16 page CB equipment directory. Also lists CB clubs in U.S. and includes a log section. BK-1323 Postpaid in U.S.A. Net 3.95



OUTSTANDING LAFAYETTE CB ANTENNAS

LAFAYETTE

NEW ALL STAINLESS STEEL CITIZEN BAND MOBILE ANTENNA



OUTSTANDING FEATURES

- 102½" Stainless Steel Whip For Optimum 11 Meter Performance
- Heavy-Duty Chrome Plated Stainless Steel Spring
- Chrome Plated Swivel Ball Jointed Mount Base

695

Chrome plated swivel ball mount base designed to be mounted on any surface. Stainless steel spring holds rod in properly adjusted position and prevents rod damage from shocks and blows. Stainless steel whip for maximum resiliency and strength. Shpg. wt., 4 lbs. Has lug terminals for HP-52 cable assembly. Net 6.95



695

New Lafayette Fiberglass CB Antenna 48" CONTINUOUSLY-LOADED CITIZENS BAND COWL MOUNT ANTENNA

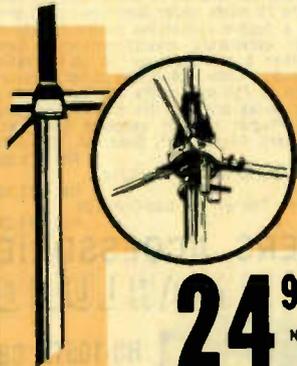
- Rugged Fiberglass Construction
- Easily Mounts On Cowl or Rear Deck

Lafayette makes antenna news with this new continuously loaded fiberglass antenna — only 48" high but performs like 102" antennas. Designed for cowl mounting this latest development in mobile antennas provides an excellent radiation pattern. Substitutes for conventional ¾ wave whips as well as base-loaded and center loaded antennas in the 27 mc band. The four foot whip eliminates the possibility of striking overhead objects. A black plastic covering of whip insures against shorting. Specially designed rocker support assures 8 point grounding and permits mounting up to 35° angle on fender, cowl or rear deck — Fits any 1¼" to 1½" mounting hole. Complete with 5 ft. of RG-58/U cable. Net 6.95

Net 6.95

NEW LAFAYETTE CITIZENS BAND COLINEAR GROUND PLANE ANTENNA

- Double Power In All Directions
- 3.4 DB Gain Over Normal Ground Plane Antennas
- Built-To Heavy-Duty Commercial Specifications



24.95

No Money Down

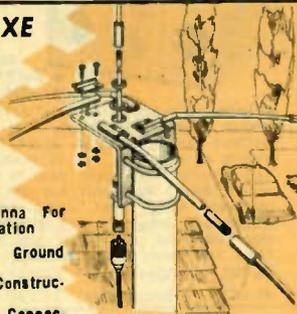
EASY BUDGET PLAN SEE PAGE 381

Increase the performance of your Citizens Band rig with this newly developed Lafayette antenna. Utilizes a new concept in CB antenna design which achieves gain through colinear action. Concentrates more power at lower angles to the horizon. Performs equally well receiving or transmitting, greatly increasing the range of consistent CB communications. Precision Tuned and matched for 52-ohm coaxial cable, either RG-8/U or RG-58/U. Overall only 20-ft. high; radiator is 1½" O.D. to ¾" O.D. heavy wall heat-treated aluminum tubing. 9-ft. long radials of ¾" O.D. aluminum tubing. Accepts all masts up to 1½" diameter. Complete with matching stub and assembly instructions. Shpg. wt., 10 lbs. Net 24.95

Net 24.95

NEW DELUXE LAFAYETTE GROUND PLANE ANTENNA

- The Ideal Antenna For Your CB Base Station
- High Efficiency Ground Plane Antenna
- All Aluminum Construction
- Accepts PL-259 Connector



Solid aluminum 108 inch heat-treated radials and radiator. Elements supplied in two 54 inch lengths joined by threaded coupling nuts. Radials droop for 50 ohm match. Accepts 1¼ inch tubing RG-58/U cable and PL-259 connector. Shpg. wt., 4 lbs. Net 11.95

11.95

HE-890W Net 11.95

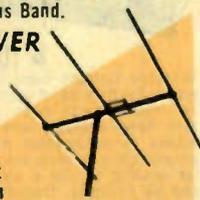
THE LAFAYETTE "Super-Beam" ANTENNA

A 3 Element Vertical or Horizontal Beam Antenna For Citizens Band.

MULTIPLIES POWER 8 TIMES

25.95

BUY ON TIME SEE PAGE 381



Developing a tremendous forward gain of 9db this new Lafayette "Super-Beam" is the most powerful CB antenna available. Works equally well for transmitting and receiving. Front to back ratio of 25 db and front to side ratio of 40 db. Provided with bracket for vertical mounting for contacting mobile stations or ground plane equipped base stations. Units may be stacked horizontally or vertically for an additional 3db gain which effectively redoubles power; making the effective radiated power of your 5-watt CB transmitter equivalent to approximately 80 watts input. Ruggedly constructed of all aluminum heat treated alloy. Two inch O.D. boom is 8 feet long. Elements measure 16½ ft. long with ¾" to ¾" O.D. HE-64WX Shpg. wt., 18 lbs. Net 25.95

LOW COST ECONOMY CITIZENS-BAND GROUND PLANE ANTENNA

LIGHTWEIGHT TUBULAR ALUMINUM ELEMENTS



NEW!

8.80

Here's rugged performance in a Citizens-Band base station antenna at a truly economical price. Incorporating a special "drooping radial" design for improved impedance characteristics, this excellent ground plane antenna utilizes a 360° polar pattern to provide complete coverage in any direction. Made-to-last construction features a rugged 1 inch diameter radiating element. A double U-bolt arrangement provides the strongest possible mount under the most severe conditions. HE-694WX Shpg. wt., 6 lbs. Net 8.80

Shpg. wt., 6 lbs. Net 8.80

LAFAYETTE TELESCOPIC CITIZEN'S BAND WHIP ANTENNA

SENSATIONAL VALUE IN A DIRECT MOUNTING CITIZENS ANTENNA **3.95**



Sturdy, attractive chrome plated whip antenna that telescopes from approx. 45" fully extended to only 15" to facilitate portability and storage. Ideal for shorter distances up to several miles. Has enclosed base loading coil for proper impedance matching. Complete with removable PL-259 connector that permits direct top, side or rear mounting to transceiver. HE-19 Shpg. wt., 1 lb. Net 3.95

NEW

LAFAYETTE 11 METER BUMPER MOUNT ANTENNA

- Chrome Plated Bumper Mount with Stainless Steel Strap
- 102" Stainless Steel Whip, Heavy Duty Chrome Plated Stainless Steel Spring



8.95

An outstanding Lafayette antenna featuring a full size 102" stainless steel whip and a fully adjustable chrome plated mount with a stainless steel strap which will fit most cars. Heavy duty chrome plated stainless steel spring is built for rugged use. Shpg. wt., 3 lbs. HE-802WX Net 8.95

LAFAYETTE CITIZENS BAND 27MC. COLLAPSIBLE ANTENNA **.79**

Ideal for mobile or fixed transceivers, miniature portable and pocket transistor radios, and a host of similar applications. The 4 section antenna is made of chrome-plated brass and plugs into a jack. Measures 48" fully extended and retracted is 11" to facilitate carrying in pocket. Complete with a flexible plastic case and slip-under protecting flap. Shpg. wt., 8 oz. Imported F-440 Net .79

LAFAYETTE

27MC WALKIE-TALKIE TELESCOPING ANTENNA Attractive and highly efficient 12 section chrome plated brass telescoping antenna for "walkie talkie" transceivers. Measures 52" fully extended and 5½" retracted. Has #8-32 threaded stud and nut at bottom for easy mounting, and soldering lug for electrical connection. F-703 Shpg. wt., 10 oz. Net 1.95

C B ACCESSORIES FOR ADDED PERFORMANCE AND PROTECTION

LAFAYETTE CHROME PLATED MOBILE BUMPER MOUNT WITH STAINLESS STEEL STRAP

- Completely Adjustable For Use With Most Types of Automobile Bumpers
- Highly Reliable and Durable!



395

An outstanding new Lafayette mobile Bumper Mount featuring chrome plated mount and stainless steel strap which is completely adjustable for vertical mounting on most types of automobile bumpers. Eliminates need of cumbersome link type chain mounts. Shpg. wt., 1 1/2 lbs. HE-33 Net 3.95

CDR AR-22 AUTOMATIC ROTOR FOR CITIZENS BEAM



This heavy-duty rotor unit will handle antennas up to 150 lbs. Simply set the control unit pointer to the desired direction, and the antenna will automatically rotate to this position and stop. Perfect for TV, Ham or Citizen Band application. Rotor unit employs 12 heavy duty ball bearings in two 6 1/2" races. Weather-proof motor reverses instantly and is factory lubricated for life. Reversible clamps on rotor will take masts from 7/8" to 2". O.D. Control unit is marked in compass points. N.S.E.W. NW, NE, SW, and SE. Housed in attractive brown plastic cabinet with rubber feet. Complete with rotor control unit and instructions. For 110-120 volts 50-60 cps AC. Requires 4 conductor cable for HE-476WX rotor. HE-476WX Net 32.77
WR-181 100' coil Net 2.50
WRC-104 less than 100', per foot .03; over 100' per foot .025

BLITZ BUG LIGHTNING PROTECTOR



Designed to fit any standard coaxial cable, the "Blitz Bug" employs the spark gap principle to eliminate static build up on coaxial cables. Provides a constant drain off, reducing chances of a direct lightning strike and in many cases eliminating noise problems. Constructed of 3/4" O.D. brass by 2 1/4" long. Employs one PL-259 plug and one DKCB connector (takes PL-259 plug.) Shpg. wt., 1 lb. HP-50 Net 3.95

LAFAYETTE GENERATOR NOISE FILTER

- Frequency Range 3-30 mcs
- Maximum Current 25 Amps
- Adjustable
- Simple to Install



Eliminates whining and grinding noises created from generator brushes. Enables quiet receiver operation for Citizens Band, Amateur and industrial frequencies. Standard frequency range 3-30 mcs. Maximum current 25 amps. Installs quickly and easily. Imported CP-138 Net 2.40

LAFAYETTE AUTO-MARINE ENGINE NOISE SUPPRESSOR KIT



- A Must For Mobile CB & Ham Operators
- 14 Components Plus Hook-Up Wire

This easily installed kit will effectively suppress ignition, generator and voltage regulator noise. Consists of 8 spark plug suppressors; 1 distributor suppressor, 1 voltage regulator suppressor; 4 coaxial capacitors; shielded cable and braid for wiring filter system. All necessary hardware and instructions for installation are included. Shpg. wt., 2 lbs. HP-204 Net 9.45

NEW LAFAYETTE HE-55 SQUELCHER

1095



- PROVIDES FULL SQUELCH AND NOISE LIMITING TO MOST SUPERHETERODYNE TRANSCEIVERS OR RECEIVERS
- VASTLY IMPROVES MOBILE TRANSCEIVERS WHEN VEHICLE IS IN TRAFFIC
- REDUCES NOISE FROM IGNITION SYSTEMS AND OTHER SOURCES

The Lafayette "Squelcher" noise eliminator was designed to improve reception and reliability in most superheterodyne transceivers or receivers including the Lafayette HE-20A, HE-20B, HE-20C, HE-30, HE-45, HE-50, and KT-320. Reduces noise from ignition systems and other sources. Quiets receiver when no signal is received. Vastly improves sensitivity of mobile transceiver when operating in traffic. Complete with 2 tubes (6AL5 and 12AX7) and instructions for installation. In satin aluminum with blue gray perforated cover. Finished with cable. Size 2 1/2" x 3 1/4" x 4 1/4". HE-55 Shpg. wt., 1 1/4 lbs. Net 10.95

NEW UNIVERSAL LAFAYETTE CITIZENS BAND AMATEUR SPRING AND SWIVEL BALL-MOUNT BASE

289



- Heavy-Duty Chrome Plated Stainless Steel Spring

New universal Lafayette HE-53 chrome plated swivel ball mount base with lug terminals for use with mobile antennas. Exclusive Lafayette design provides easy adjustment and at the same time prevents loosening by vibration or shock. Can be mounted vertically or horizontally on any surface. With lug terminals for use with mobile antennas. HE-53 Net 1.95

195



- Chrome Plated Swivel Ball Jointed Mount Base

New Universal Lafayette HE-54 Heavy duty chrome plated stainless steel spring. Provide maximum support for long whips and heavy center-loaded whips. HE-54 Net 2.89

LAFAYETTE "DUMMY" ANTENNA LOAD FOR CB TRANSCEIVERS

A 52 ohm non-inductive load for testing and tuning-up Citizens Band transmitters up to 5 watts. It permits tune-up into a non-radiating element instead of into antenna. In compliance with F.C.C. regulations. Built-in PL-259 coaxial plug is easily connected and disconnected from equipment. Shpg. wt., 1 lb. HP-203 Net .98

B & W 424 LOW PASS FILTER

Designed to effectively reduce TVI — Radiated spurious and other undesirable signals higher than 35 MC are attenuated by at least 60 db—power rating: 100 watts max. Frequency Range: 1.5 to 30 MC, Impedance: 50/75 ohms (reversible) Size: 5x2x1 1/4". HE-304 Shpg. wt., 1 1/2 lbs. Net 8.65

GENERATOR/REGULATOR FEED-THRU NOISE SUPPRESSORS .95

These 3-terminal network feed-thru capacitors act as extremely effective R.F. filters above 2 MC. Eliminates and suppresses the majority of noises due to regulators and generators interfering with 27MC citizens band frequencies. Rated .1 MFD/600 Volts DC 20 Amps.



Feed-Thru Suppressor (Screw Terminals) 1 1/2 Diam. x 1 1/4 length. Shpg wt., 4 oz. SP-221 Net .95

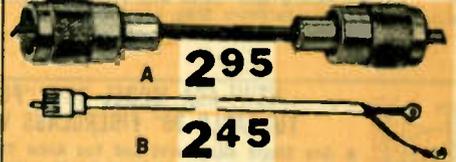


Feed-Thru Suppressor 1 1/2 Diam. x 1 1/4 length. Shpg. wt., 4 oz. SP-222 Net .95

CITIZENS BAND CONNECTOR ADAPTERS

29-786 ADAPTER—Adapts an SO-239 Socket to a Standard auto radio (Motorola type) socket. Av. Shpg. wt., 2 oz. HP-53 Net .44
29-782 ADAPTER—Adapts a PL-259 Plug to a standard auto radio (Motorola type) plug. Avg. shpg. wt., 4 oz. HP-54 Net .50

20 FT. RF COAXIAL CABLE ASSEMBLIES FOR CITIZENS BAND EQUIPMENT



These cable assemblies are necessary for connection between Citizens Band Transceiver and Antenna. TYPE A—Consists of 20 ft. RG-58/U cable with PL-259 plus UG-175/U on both ends. Required for Ground Plane and Coaxial and Mobile Antennas terminating in a coaxial jack. Shpg. wt., 8 oz. Net 2.95
MP-31 Type A 20 ft. length
TYPE B—Same as type A except one end is terminated with PL-259 plus UG-175/U and other end with universal ring type terminal lugs for mobile antennas. Shpg. wt., 8 oz. RECOMMENDED FOR USE WITH HE-800WX MOBILE ANTENNA
HP-52 Type B 20 ft. length Net 2.45

RF COAXIAL CONNECTORS

| Stock No. | Type | Description | Net |
|-----------|----------|--|-----|
| SP-174 | PL-259 | Male conn. For direct connection into transceiver or antenna | .59 |
| SP-175 | UG-175/U | Reducer—Adapts PL-259 to RG-58/U Diam. | .16 |
| SP-176 | PL-258 | Junction Adapter—Accepts PL-259 on both ends for cable extension | .89 |

LAFAYETTE BROADCAST TO CITIZEN BAND COUPLER



Specially designed network permits any Citizen's band mobile antenna to be used also for broadcast reception. No switching necessary. With SO-239 antenna receptacle, 2 ft. lead with coaxial auto plug for broadcast radio connection and 2 ft. lead with PL-259 coaxial plug for transceiver connection. Shpg. wt., 1/4 lb. HP-202 Net 6.95

LAFAYETTE 12 POSITION CRYSTAL SELECTOR



Houses and selects up to 12 crystals. Increases channel coverage. Chassis has 12 ceramic crystal sockets, wired to a 12 position, no stop selector switch. Long reach shaft permits practical mounting. Chassis size: 2 1/2" D x 2 1/4" W x 2 1/8" H. Shpg. wt., 1 lb. HP-201 Net 6.50

"NOISTOP" IGNITION NOISE ELIMINATOR



Effective as both a noise limiter and a positive squelch the "Noistop" improves reliability and operating pleasure, when vehicle is in traffic. Measures only 1 1/2 x 2 1/4 x 4". Complete with tubes (6AL5 and 12AX7) and instructions for easy installation in most available transceivers. For use with super-heterodyne type transceivers. Furnished with cable and gold anodized cabinet with black perforated cover. Mounts in any position. Shpg. wt., 10 oz. HE-902 Model 612 Net 16.61

SELECTED CITIZENS BAND and COMMUNICATION ANTENNAS

MARK MOBILE CB ANTENNAS HW-11-4 FIBERGLASS HELIWHIP

The HW-11-4 "Heliwhip" is a fiberglass molded, continuously loaded whip antenna, four feet in length for the 11 meter Citizen Band. The HW-11-4 mounts in a HWM-1 molded mount or can be used with any good commercial mobile ball mount which will accept the 3/8" - 24 thread.

HE-885WX HW-11-4 Fibre Glass Antenna. Shpg. wt., 3 lbs. Net 8.95
HE-888 HWM-1 Antenna Mount for HW-11-4. Shpg. wt., 2 lbs. Net 7.50

CBB-1 "BEACON" VERTICAL BASE STATION

Consists of half-wave 2-section aluminum radiator 17 ft. long and 1/4 wave matching stub consisting of RG-8/U cable; radiator is insulated and supported by fiberglass mount section. Wide bandwidth of 26-28MC. USWR is below 1.5:1 from 28.5 to 27.5MC and is almost Unity over the entire citizen's band. UHF coax connection 50-239. Accepts RG-58/U and RG-8/U ohm cables with PL-259 connectors. Complete except for mounting hardware. Shpg. wt., 8 lbs.

HE-894WX Net 21.95



HW-11-4

CBB-1

NEW! ACA MODEL XR-Z "POWER DART" TUNEABLE 36" FIBERGLASS WHIP ANTENNA

One Single Adjustment And You Know Your Antenna Is Peaked
Peak your antenna for maximum power output with a single adjustment. Features minimum S.W.R., minimum traffic interference, Fiberglass construction with chrome plated base and tip. Accepts 52 ohms.

HE-887 Shpg. wt., 1 lb. Net 9.75
"TOP HAT" for Model XR-2, lowers angle of radiation. Net 3.07
HE-888 Shpg. wt., 1/2 lb.



XR-Z

C-BAM

NEW! TENNA C-BAM AUTOMATIC MOBILE CB ANTENNA

Operates Electrically At The Touch Of A Switch

Automatic cowl mount antenna that operates electrically at the touch of a switch. Sturdy, compact and resistant, extends to 56"—collapses to 19 1/2". Top mounted coil completely disappears into antenna. Includes: switch w/bracket, 72" electric harness, 60" RG 58/U cable plus a PL-259 plug and UG-175 adaptor, 54" radar type copper shielded cable and hardware. For 12 volts only.

HE-827W Shpg. wt., 6 lbs. Net 23.02

MOSLEY CB ANTENNAS

34⁸⁵

A311

36⁷⁵

V-276B DELUXE GROUND PLANE ANTENNA

The perfect base station antenna. The 360 degree pattern and vertical polarization provides extremely effective communication with mobiles. Base is constructed of high-impact polystyrene with internal coax fittings. Antenna does not require guying. S.W.R. 1-2 Includes Antenna base mount and 4 radials.

Requires 1 1/2" to 1 3/4" OD mast, RG-58/U cable and PL-259 connector termination. Shpg. wt., 20 lbs. Net 34.85

AN-89WX

A-311 3-ELEMENT CITIZEN'S BAND BEAM ANTENNA

Durable Light Weight Aluminum
Delivers the Equivalent Power Input of 40-Watts from your 8-Watt Citizens Band Transmitter

Unequaled point-to-point communications for Citizens Band operators. 9.3 db gain over dipole means the effective radiated power is multiplied by 8. This means your 5 watt Citizens Band Transmitter can actually achieve a legal effective power input of 40 watts. Boom is 12' long with maximum turning radius of 9.5 ft. Requires 1 1/4" mast and RG-8/U or R9-58/U Cable. Lugs are supplied for the other end. Shpg. wt., 30 lbs. Net 36.75

AN-87WX

MASTER MOBILE CB ANTENNAS

MASTER MAGIC WAND MODEL 811 26.960 to 27.225 MC.

New Magic-Wand Top-Loaded Mobile Antenna mounts on any standard base mount. Designed for mobile use on the new 27 MC Citizen's band. Compact and neat appearing plus provides maximum radiation over all Citizen's band channels. Antenna wound over tapered fiberglass whip for maximum strength. Shpg. wt., 3 lbs. Net 8.77

HE-719WX

FG103 103" FIBRE-GLASS WHIP FOR 11 METERS—27 MC CITIZENS BAND

Completely weatherproof, permanent and rust resistant, corrosion proof. Specially designed flexibility prevents failure due to fatigue or breakage. Safe, permanent insulation prevents burns. 3/8" x 24 thread base fitting with male brass chrome plated fittings. Unique construction makes it extremely flexible while retaining its shape. Shpg. wt., 4 lbs. Net 8.81

HE-729WX



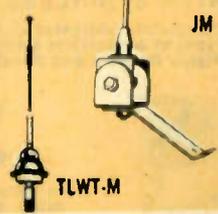
CB ANTENNAS and MOUNTS

4u-gain



CLR

BPR



JM

TLWT-M

CLR COLINEAR GROUND PLANE ANTENNA

A new concept in CB antenna design. Achieves gain through colinear action which concentrates more power at lower angles to the horizon. Performs equally well receiving or transmitting, greatly increasing the range of consistent CB communications. Precision tuned and matched for 52-ohm coaxial cable, either RG-8/U or RG-58/U. Overall only 20-ft. high; radiator is 1 1/4" O.D. to 3/4" O.D. heavy wall heat-treated aluminum tubing. 9-ft. long radials of 3/4" O.D. aluminum tubing. Accepts all masts up to 1 3/4" diameter. Complete with matching stub and complete assembly instructions. Shpg. wt., 10 lbs. Net 28.95

HE-775WX

TLWT-M TOP-LOADED TELESCOPING WHIP

3-section stainless steel telescoping whip (50" to 28") for easy garaging. Uses top loading to raise the radiating portion of the whip to its highest point and improves matching to 52 ohm coax. Polyethylene enclosed coil capsule is sealed permanently to whip and is virtually impervious to any climatic condition. With chrome plated body mount and coax fitting. Shpg. wt., 1 lb. Net 8.95

HE-876W

UNIVERSAL BUMPER MOUNT with STRAP

An attractive new bumper mount, heavily chrome-plated and attaches easily and quickly to most auto bumpers. Stainless steel mounting strap replaces the old-fashioned bulky bumper chain. Fully adjustable for vertical alignment. Shpg. wt., 1 1/2 lbs. Net 6.87

HE-774

MODEL JM

"Jiffy" Body Mount—Easily installed mount for trunk, door or hood. Accepts only standard 3/4" threaded whip antenna. Net 3.15

HE-878

Master Mobile COMMUNICATIONS ANTENNAS



B1080



MGP-6



300



GP-4



613

No. 613. VHF Rooftop antenna for 140-165 mc. Stainless steel wire, 10 ft. coax, deluxe fittings. Shpg. wt., 5 lbs. Net 4.85

HE-700

No. B1080 All-band base-loading ant. coil for 80-40-20-15-10 meters. 98" whip included. Positive locking action whip provides tight and accurate contact. Slide in or out to final loading point and lock whip in place. Net 16.59

HE-708WX

No. GP-4 Ground plane with 4 radials for match to 52-ohm coax. Complete 2 meter band coverage. Attaches to most with V-bolts (bolts and mount brackets supplied). Special alloy construction withstands corrosion and weather. Net 8.83

HE-728 Shpg. wt., 6 lbs.

MODEL MGP-6 Six Meter Ground Plane, "Drooping" type. Aluminum alloy tubing and sleeve, Ceramic top insulator, and coax cable connector. For medium or low powered transmitters. Net 14.85

HE-731W Shpg. wt., 5 lbs.

MODEL 300 "Masterplane" 2 Meter Ground Plane Antenna "Drooping" type plus 4 straight radials to give a low angle of radiation. Straight radials adjustable to eliminate standing waves on transmission line. Finest aluminum alloys. With 3/4" pipe for mounting and coaxial cable connector. Net 12.89

HE-732W Shpg. wt., 10 lbs.

ANTENNA MOUNT, SPRINGS AND ACCESSORIES

"Ultra-Hi Q" Coils for 80-40-20 & 15 meters. Precision made, ruggedized construction. Diameter 2 3/4" (specify band when ordering). Shpg. wt., 4 lbs. Net 8.14

HE-707

No. 232XSSC Heavy-duty, double-tapered springs, coax. conn., spec. stainless. Shpg. wt., 6 lbs. Net 14.65

HE-712

No. 232C Swivel base, double-tapered spring, coax. conn., body mount. Shpg. wt., 4 lbs. Net 8.57

HE-710

No. 445 Threaded 3/8"-24, chain mount, bumper mount. Net 7.78

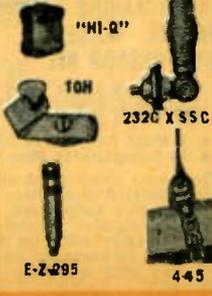
HE-727 Shpg. wt., 3 lbs.

10H TENNAHOLD Protects antenna, prevents whipping. Net .98

HE-724 Shpg. wt., 1 lb.

No. E-Z-295. E-Z-OFF. Antenna Connectors connect or remove your loading coils, whips or mounts in a Jiffy. No tools needed. Stainless steel construction. Net 2.89

HE-725 Shpg. wt., 1 lb.



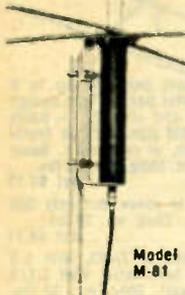
E-Z-295

445



ANTENNA SPECIALISTS-CB AND COMMUNICATIONS ANTENNAS

MAGNUM-27 1/2 WAVE 27MC ANTENNA



Compact vertical radiator with an actual 6 DB gain over any single element omni-directional antenna. Constructed of rigid aluminum and cadmium plated steel, it is corrosion resistant, waterproof and fits on most masts or directly into wooden areas. Hi-"Q" phasing transformer provides proper resonance over entire CB band. Direct ground lightning protection. 50 ohm feed. Total height is only 18" 2", (17" 3" radiator, 4-54" radials. Shpg. wt., 12 lbs. HE-487WX Net 27.88

Model M-81

MODEL MC27 11 METER GROUND PLANE ANTENNA



Solid aluminum 108 inch heat-treated radials and radiator. Elements supplied in two 54 inch lengths joined by threading, coupling nuts. Radials droop for 50 ohm match. Accepts 1 1/4 inch tubing, RG-58/U cable and PL-259 connector. Shpg. wt., 4 lbs. HE-661W Net 15.63

M-38 ANTENNA ISOLATING SKIRT

Improves Performance of All Citizen Band Ground Plane Antennas



Isolating skirt for use with Citizen's Band Ground Plane Antennas. Mounts 9 feet (1/4 wave length) below ground plane (i.e. 27 MC). Lowers angle of radiation and minimizes effect of mounting structure. Improves performance of ground plane. Clamps to 1 1/4 inch tubing or 1 inch pipe. Shpg. wt., 4 lbs. HE-681WX Net 11.14

MODEL M-3B 102" CITIZEN BAND WHIP ANTENNA

Constructed of a special alloy stainless steel which is tapered, providing an extremely high resiliency and strength. Mounting adaptor has 3/8"-24 thread to fit standard spring or base. 102" long and can be cut to any length. Will bend 90° without harm. Shpg. wt., 2 lbs. HE-650WX Net 4.26

WHIP HOLD CLIP Shpg. wt., 4 oz. HE-668 Model M-4 Net .73



NEW "BLACK BOX" M-82 CB ANTENNA AMPLIFIER

- Produces Constant 100% Legal Power at the Antenna
- Increases the Effective Transmitted Modulation Gain by 10 db, The Received Gain by a Minimum of 20 db.
- Drastically Reduces Inherent Mobile Interference

An entirely new class of CB power accessory that gives you fantastic new performance into and out of your present CB equipment. Increases the effective transmitted modulation gain by 10 db, the received gain by 20 db (minimum). SPECS: Control Box—On/Off Switch, Neon Pilot Light, Fused; with 10' RG-58/U Cable and PL-259 Connector. 3x4x5". Amplifier—Aluminum Weatherproof Case, 4 tubes, 10' RG-58/U Cable, Self-powered, 3 1/2" dia. x 14" deep, Meets FCC Limitations. Easy to install. Shpg. wt., 15 lbs. HE-969WX Net 78.35



M-82

M-67 11 METER ROOF TOP ANTENNA



M-67 (27 mc) Base loaded rooftop antenna. Omnidirectional pattern. Only 44" long with waterproof mount, loading coil. 12' of RG-58/U coax, cable with PL-259 connector. Mounts in 3/4" hole. Also available 30 thru 50 mc. Exceeds 100 watts. Shpg. wt., 2.5 lbs. HE-479W Net 15.68

M-36 1/2 WAVE COAXIAL ANTENNA



M-36 (27 mc) antenna is comprised of a 1/4 wave length, 9 foot jointed, solid aluminum vertical radiator, bolted to a 9 foot long, 2 inch diameter, 1/4 wave length aluminum skirt. Omnidirectional, low standing wave ratio. Built for operation with 52 ohm cable. HE-683WX Shpg. wt., 8 lbs. Net 19.55

MODEL M-20 CB WINDOW MOUNTING ANTENNA



For apartment installation where other outdoor antennas can not be used. Jointed, 9 ft. aluminum radiator is supported by adjustable heavy-duty cadmium bracket. Will accept either twin or coaxial feed line. As with all antennas, performance will improve with height above ground. Shpg. wt., 4 lbs. HE-649W Model M-20 Net 7.35

MOBILE CB FIBERGLASS ANTENNAS



M-52 (27 mc) Complete cowl mount antenna with 4' Fiberglass loaded whip and mounting. Fits 1/4" to 1 1/4" hole. 5' of RG-58/U cable with PL-259 connector. Shpg. wt., 2.5 lbs. HE-685 Net 7.98

M-53

M-53 (27 mc) Fiberglass whip only for M-52. Chrome plated brass ferrule. 3/8"-24 male thread. Shpg. wt., 1.5 lbs. HE-686 Net 5.00

M-49 MOBILE CENTER LOADED CB ANTENNA



M-49 (27 mc) Center loaded cowl mount antenna provides best omnidirectional pattern. Low VSWR. Extended length 60", 43" collapsed chrome tubes. Rocker support assures positive ground and up to 35° mounting angle. 5' RG-58/U lead with PL-259 connectors. Shpg. wt., 2.5 lbs. HE-684 Net 9.96

M-49

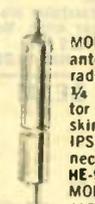
M-71 11 METER MARINE ANTENNA



M-71 A complete antenna system for marine citizen's band communications. Included are supporting tube, universal laydown mounting and 15 ft. of coaxial cable with connector. All parts of anodized aluminum, chrome plated brass and stainless steel. Overall height 107", reducible to 71". No ground necessary. Shpg. wt., 6 lbs. HE-480WX Net 33.37

M-71

NEW 6 AND 10 METER VERTICAL COAXIAL BASE STATION ANTENNAS



MODEL M-39 10 meter 1/2 wave length coaxial antenna providing a low angle, omnidirectional radiation pattern. Operates with 52 ohm cable. 1/4 wave jointed, solid aluminum vertical radiator bolts to 2" diameter 1/4 wave aluminum skirt. Total height is 16 1/2". Mounts on 3/4" IPS pipe (not supplied). Accepts PL-259 connector. Shpg. wt., 8 lbs. HE-967 Net 19.55

MODEL M-40 6 meter coaxial antenna with same features as model M-39. Total height is 9 1/2". Shpg. wt., 5 lbs. H-968WX Net 14.57

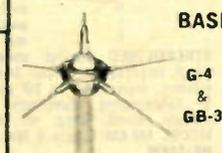
CONTINUOUSLY LOADED FIBERGLASS WHIPS FOR THE AMATEUR BANDS

Fiberglass whip. Continuously loaded. White plastic covering. Chrome Ferrule has 3/8"-24 male thread. 6' long. Shpg. wt., 1 lb.

| | | | | |
|---------|------|------------|---------|-------|
| HE-964W | M-60 | 6 meters, | 3' long | 9.76 |
| HE-965W | M-61 | 10 meters, | 5' long | 9.76 |
| HE-966W | M-62 | 15 meters, | 5' long | 9.76 |
| HE-961W | M-63 | 20 meters, | 6' long | 9.75 |
| HE-962W | M-64 | 40 meters, | 6' long | 10.83 |
| HE-963W | M-65 | 80 meters, | 6' long | 10.83 |

BASE STATION COMMUNICATIONS ANTENNAS

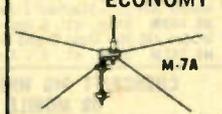
For 30-50 MC and 130-174 MC



G-4 & GB-3 Heavy duty Ground Plane Base Station antennas for 30-50MC, and 130-174MC frequency bands. Mount easily on 1 1/4" IPS pipe (not supplied). Will handle up to 3000 watts. Include built-in lightning protection.

| Stock No. | Model | Freq. | Shpg. wt. | Net |
|-----------|-------|-----------|-----------|-------|
| HE-477WX | G-4 | 30-50MC | 10 lbs. | 53.86 |
| HE-478WX | GB3 | 130-174MC | 5 lbs. | 25.05 |

ECONOMY BASE STATION ANTENNA FOR 130-470MC



Model M-7A. This low power, high quality ground plane antenna is omnidirectional and vertically polarized. Vertical radiator is chrome plated brass tubing. Radials are removable stainless steel rods. "U" bolt hardware furnished on 3/4" IPS pipe. Shpg. wt., 1.5 lbs. HE-960 Net 5.39

MOBILE COMMUNICATIONS ANTENNAS FOR 30-50MC, 130-174MC

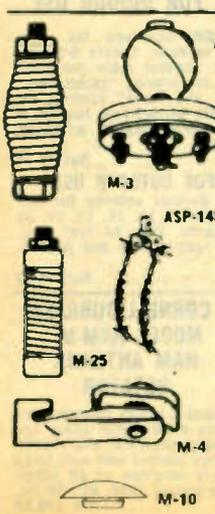


ASP-144 Disguise antenna for 30-50 MC, with stepped rod. Looks exactly like an ordinary telescopic antenna. Simplified one-hole mounting. Swivel base permits mounting on any surface with a maximum slant of 35°. Replaceable 59" chrome plated whip. Supplied with 16 RG-58/U cable and connector. Specify an exact freq. Allow 3 weeks delivery HE-485W Net 17.64

ASP-146 Disguise antenna, similar to ASP-144, but designed to operate between 130 and 174 Mc. One hole mount simplifies installation. Antenna slants up to 35° at swivel base. Supplied with 16 ft. of RG-58/U cable and connector. Chrome plated 59" whip is replaceable. Mounts in 7/8" hole. Shpg. wt., 3 lbs. HE-486W Net 14.11



ANTENNA MOUNTS, SPRINGS & ACCESSORIES



M-8A Heavy-duty standard spring. Shpg. wt., 4 lbs. HE-666 Net 3.58

M-9A Heavy duty spring. Cad. plated. Shpg. wt., 3 lbs. HE-654 Net 4.67

M-3 Aluminum base with black Polyester Fiberglass one piece insulator. Hardware included. Shpg. wt., 2 lbs. HE-655 Net 2.97

M-13 Same as M-3 but with coax fitting. Shpg. wt., 2 lbs. HE-656 Net 5.88

M-25 Mini-Spring. Reduces shock to coil if whip strikes object. Shpg. wt., 1 lb. HE-651 Net 1.96

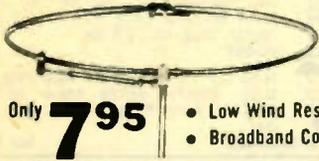
MODEL ASP-143 Double Chain Bumper Mount. Cadmium plated alloy steel interlocking "Z" links assure a secure mounting for spring, extension, coil, and whip. Mount accepts 3/8"-24 thread of spring or whip. Shpg. wt., 2 lbs. HE-669 Net 7.79

M-4 Whip hold-down clip. Shpg. wt., 1 lb. HE-668 Net .73

M-10 Rubber hole plug. Fills 1 1/4" hole. HE-484 Shpg. wt., 1 lb. Net .88

AMATEUR and SHORTWAVE COMMUNICATIONS ANTENNAS

LAFAYETTE 6 METER HALO ANTENNA



Only **795** • Low Wind Resistance
• Broadband Coverage

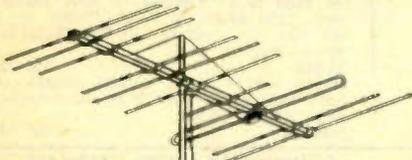
Single halo, horizontal, polarized, provides extreme broadband coverage without the use of bulky wave traps, Loop weight only 1 lb. Standing wave ratio is 1-1 at frequency. 5-15 DB gain over vertical whip types when working Fixed stations with arrays. Includes 3 section, 9 ft. telescoping aluminum mast to fit any standard mobile mount. Imported HE-46W Shpg. wt., 4 lbs. Net 7.95

Hi-Par

"SATURN 6" MOBILEER

A compact, horizontally polarized mobile antenna for 6 meters. Since most fixed 6 meter stations have adopted horizontal polarization, the "Saturn 6" offers a distinct advantage over the vertical whip. It is essentially an end-loaded folded dipole with 3 ring design, approximately 20" in diameter, 5" high. Design center is 50.5 Mc but resonant frequency may be varied between 50.5 and 53.0 Mc. Easily fed with RG58/U coax through a simple "Q" section. Strong and rigid aluminum construction; net weight under 2 lbs. Easily supported on pipe, tubing or stiff rod. Model S-1—"Saturn 6" Antenna, 2-piece adjustable aluminum mast, mast bracket, universal bumper hitch. No holes to drill. Less coax feed line. Shpg. wt., 5 lbs. HE-805W Net 16.59

FINCO 2 & 6 METER BEAM



Model A-62 is an advanced antenna for both 6 and 2 meters. Provides up to 20.5 db front to back gain on 2 meters and up to 17 db gain on 6 meters. Heavy-duty aluminum construction with 10 ft. boom. All elements are sleeve reinforced and completely pre-assembled with "snap-out" brackets. Consists of a folded dipole, reflector and 2 directors on 6 meters; folded dipole with phasing stub, 3 element coilinear reflector and 4 3-element coilinear directors on 2 meters. Turning radius 6 ft. 11". Uses one transmission line for both 6 and 2 meter band. HE-692WX Shpg. wt., 11 lbs. Net 32.34 Model AS-62. Stacking Kit. For stacking above A-62 antenna. Shpg. wt., 1/2 lb. HE-693 Net 2.15

ROHN MODEL 25 "FOLD-OVER" TOWER 50 FEET IN HEIGHT

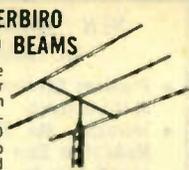
Permits service and interchange of beams and rotators in perfect safety, entirely at ground level! In minutes, the tower can be folded over so that the antenna and rotator are completely accessible. Completely hot-dipped galvanized after fabrication. Designed to handle the equivalent of 2 full-sized 3-element 20 meter beams, plus rotator. Accepts the CDR rotator model HAM-M. Cross section is 12 1/2" equilateral triangle with solid steel, "zigzag", electric welded cross bracing. Guying necessary at hinged area. Includes 40" base section for concrete mounting. Complete with boom, windlass and cable and all hardware, for ground installation. HE-846WX Net 186.60

Rohn Ground Guy Kit—Simplifies installation of Model 25 tower. Contains all necessary equipment for guying tower at hinge. HE-845WX Net 28.61

The Model 25 Rohn "Fold-over" Tower and Ground Guy Kit will be shipped freight prepaid in the continental limits of U.S.A.

THUNDERBIRD TRI-BAND BEAMS

TH-3 3-ELEMENT ANTENNA The finest 3-element trap tribander for amateur communications on 10, 15 and 20 meters. All-aluminum construction of 2" OD beams and 1 1/4" telescoping to 3/4" DD elements. Plastic and steel gusset bracket assemblies; all steel fixtures and hardware. 100% rust proof. Less than 2 to 1 SWR on all bands. New "solid state" slim traps (1 1/4" in diam.). Withstand 1000 watts CW or AM and 2000 watts SSB. Overall beam length 14 ft., Turning radius 17 ft. 10" HE-773WX Shpg. wt., 29 lbs. Net 99.75 Model TH-4—4-element trap tribander for 10, 15, and 20 meters. Deluxe version of TH-3. HE-971WX Shpg. wt., 42 lbs. Net 117.50 Model TH-2—Lightweight 2-element version of TH-3. HE-970WX Shpg. wt., 23 lbs. Net 69.95



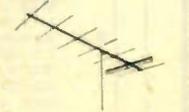
Cush Craft

2 AND 6 METER 10 ELEMENT BEAM

A combination 4 element 6 meter beam and 6 element 2 meter beam on one 12' x 1 1/4" 0.058 wall aluminum beam. The ideal beam for city and suburban VHF operators. 2 meter elements are pre-assembled on the boom; 6 meter elements are marked for quick neat assembly. Forward Gain greater than 9 db; F/B Ratio —25 db; Turning radius 7'6". Comes complete with all instructions. Uses two separate 52 or 72 ohm feedlines for optimum performance. Shpg. wt., 16 lbs. HE-747WX Net 27.50

7 ELEMENT 2 METER BEAM

A rugged, Full size 2 meter beam constructed of 1" 0.050 wall aluminum tubing with hardwood dowling at high stress points. Boom is 0.058 wall drawn aluminum. Driven element is concentric gamma matched for direct coax feed. Light enough for any heavy duty TV rotator. Forward Gain: 11 db; F/B ratio: 20 db. Comes with all parts marked for quick, neat assembly and center band operation. Shpg. wt., 6 lbs. HE-743WX Net 8.85



5 ELEMENT 6 METER BEAM

Full size 6 meter beam. Aluminum tubing. Forward gain 9.5 db F/B ratio, 29 db. Shpg. wt., 15 lbs. HE-746WX Net 19.50

Cush Craft MOBILE HALOS

6 METERS 48-56 mc Single halo but for 6 meter use, 26" diameter, weighs 1 lb. Concentric gamma match. The UNIQUE, STREAMLINED tuning vane permits extreme broadband coverage without bulky traps. SWR 1-1 at frequency, from 5 to 15 DB gain. Supplied with 3 section, 9' telescoping aluminum mast to fit any standard mobile mount. Shpg. wt., 4 lbs. Model AM-6M Single 6 Meter Halo with mast. HE-748W Net 12.50 Model AM-2M—Single 2 meter Halo w/mast; 144-148 Mc. HE-744W Shpg. wt., 3 1/2 lbs. Net 8.70 Model AM-22—Stacked 2 meter Halo w/mast. HE-749W Shpg. wt., 4 lbs. Net 14.95 Model AM-26—Dual 2 and 6 meter Halo w/mast. HE-745W Shpg. wt., 4 1/2 lbs. Net 17.45

CUSHCRAFT BIG WHEEL 2 METER FIXED OR MOBILE ANTENNAS

Cushcraft offers "New Dimension" to mobile and fixed station 2 meter antennas. Cloverleaf design give ideal performance, omnidirectional, horizontal polarization; extreme low Q. SWR 1:1.2 or less over 4mc. Single bay—approx. 5 db over halo, two bay—approx. 5.5 db over single bay, 4 bay—approx. 7.5 db over single bay. Complete with brackets and harness ready for mast.

HE-980W ABW-144—1 bay. Shpg. wt., 4 lbs. Net 12.95 HE-981W ABW-2-144—2 bay. Shpg. wt., 6 lbs. Net 29.65 HE-982WX ABW-4-144—4 bay. Shpg. wt., 13 lbs. 62.75

MOSLEY "TRAP-MASTER" BEAM ANTENNAS



Model TA-33—Three element beam providing up to 8 db gain on the 10, 15, and 20 meter bands. Trap design provides broadband performance and stability — beam easily handles a full kilowatt of AM signal. 25 db front-to-back ratio, SWR 1.1/1, or less, at resonance. Beam length 14 ft., element length 28 ft. Shpg. wt., 53 lbs. AN-53WX Net 97.75

MOSLEY TA-33 "Junior," similar to above, but only 300 watts AM. Turning radius 14 3/4 ft. Shpg. wt., 28 lbs. AN-54WX Net 68.11

Model TA-32—Two element version of TA-33, with 5.5 db forward gain, 20 db front to back ratio, SWR 1.1/1 or better. Handles to a full kilowatt. Shpg. wt., 32 lbs. AN-55WX Net 68.11

MOSLEY TA-32 "Junior," Similar to TA-32, but 300 watts AM. Shpg. wt., 22 lbs. AN-56WX Net 48.51

MOSLEY "TRAP-MASTER" 10 THRU 40 METER VERTICAL

An excellent low-cord antenna for DX. Covers 10 thru 40 meters without bandswitching. An electrical quarter wavelength on each band with low-angle radiation. Low SWR with response flat across full band width. Weatherproof traps and base loading coil are of "Hi-Q" design, wound on grooved polystyrene forms. Maintains resonance points under wide variations of temperature and humidity. Rated to 1 kw. Lightweight 61ST6 aluminum tubing telescopes to 20 ft. Pre-tuned, pre-drilled, color-coded for fast assembly. Comes with aluminum mounting plate, ceramic base insulator, nylon guy rope, hardware and instructions. Requires four 30 ft. radials. MODEL V-4.6 10-40 meter vertical antenna. AN-61WX Shpg. wt., 12 lbs. Net 27.39



Mosley vertical "Trap-master" 3 band antennas for 10-15-20 meters. MODEL V-3 Vertical (rated at 1 kw). Size 11 1/6" Shpg. wt., 6 lbs. Net 22.49 AN-59WX Model V-3 JR. Vertical (rated at 300 w. AM.) Size: 11 9". Shpg. wt., 6 lbs. AN-60WX Net 16.59 Mosley "Trap-mobile" 3-band whip antenna for 10-15-20 meters. MODEL MA-3 "Trap-mobile" 3-band whip. AN-62WX Shpg. wt., 6 lbs. Net 20.54

NEW! SWI ANTENNA FOR INDOOR USE

Convenient indoor Model SWI improves the performance of any shortwave receiver. Covers 5-30 Mc. Easy to install and operate. Six-foot cable (included) is attached to receiver, the telescoping "rabbit ears" extended, and the "match" and "lune" controls set for maximum signal strength. Attractively housed in unbreakable plastic with chrome-plated antennas. Model SWI. Shpg. wt., 2 1/2 lbs. HE-973 Net 14.75

HYGAIN MODEL SWO FOR OUTDOOR USE Model SWO high efficiency doublet antenna for outdoor use. Traps peaked on the 11, 13, 16, 19, 24, 31 and 40 meter shortwave bands. Only 40 feet long. With insulators, 100 ft. of lead-in wire and instructions. Shpg. wt., 2 1/2 lbs. HE-972 (Not illustrated) Net 14.75

CORNELL-DUBILIER MODEL HAM-M HAM ANTENNA ROTATOR

Will support and rotate the heaviest beams commercially available. Heavy duty stainless steel motor gears and pinions; solenoid brake release, electrical end-of-rotation protection. Attractive indoor control unit with large direction indicator. Rotor easily mounted on all standard towers. Complete, ready to install. Shpg. wt., 15 lbs. HE-475WX Net 119.50



LAFAYETTE CITIZENS BAND

HEADQUARTERS FOR EXPERIMENTERS

FOR PARTS



PI-NETWORK ASSEMBLY — For optimum antenna matching and output. Used in Lafayette HE-20. Consists of mounting bracket, final coil, 10 ufd plate capacitor and 330 ufd output capacitor. Completely wired. Size 2 1/2 x 1 3/4 x 2 1/4" High. With schematic.
HP-57 Shpg. wt., 8 oz. Net 2.25

RECEIVER RF COIL For transformer coupling RF stage to the mixer stage. Two windings (individually slug-tuned)—one for RF Amplifier Plate circuit, second for Mixer Grid Circuit. 3/8" diam. x 2 3/4" L. With schematic.
HP-58 Shpg. wt., 4 oz. Net .65

RECEIVER OSCILLATOR COIL — For use with tuneable citizens band receiver with IF Frequency at 1650 KC as used in HE-20. 1 1/4" L x 1/4" diam. Complete with schematic.
HP-62 Shpg. wt., 4 oz. Net 1.50

1650 KC INTERMEDIATE FREQUENCY TRANSFORMERS—For use in any citizens band receiver utilizing 1650KC IF Frequency and in conjunction with the above oscillator and RF coils. 1 1/4" x 3/4" x 3/8". Complete with schematic.
HP-63 Shpg. wt., 8 oz. Net .75

TRANSMITTER OSCILLATOR COIL — For use as oscillator plate tank coil in citizens band transmitters using 6AU8, 6AW8 and 6CX8 type tubes. Used in HE-20. Size: 1/2" diam. x 1 1/2" L. Complete with schematic.
HP-60 Shpg. wt., 4 oz. Net .49

OUTPUT AND MODULATION TRANSFORMERS HP-61 matches 6AQ5 as modulator and 3.2 ohm voice coil as used in Lafayette HE-20. 2 3/8" L x 1 1/8" W x 1 3/8" H. With application instructions.
HP-61 Shpg. wt., 1 lb. Net 1.25

HP-64 matches 6V6GT as modulator and 3.2 ohm voice coil as used in Lafayette HE-15. 2 1/2" L x 1 1/8" W x 1 3/8" H. Complete with schematic.
HP-64 Shpg. wt., 1 1/4 lbs. Net 1.50

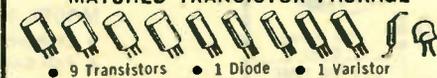
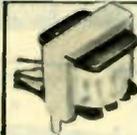
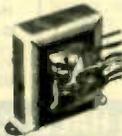
TVI TRAP COIL—Suppresses Television Interference from Citizens Band Transceivers. Coil for use with 50 ufd capacitor in a parallel tuned circuit. 3/8" dia. x 1 1/2" L. With schematic.
HP-59 Shpg. wt., 4 oz. Net .49

TRANSMIT — RECEIVE — TRANSMIT SPRING RETURN SWITCH. A 4-pole 3 position switch for use in Citizens Band switching circuit. Position 1—Transmit (locks); Position 2—Receive; Position 3—Transmit, with spring return, for short periods of transmissions. Used in Lafayette HE-15. With schematic.
HP-65 Shpg. wt., 6 oz. Net .98

PUSH-TO-TALK RELAY Double Pole, Double Throw relay for microphone push-to-talk relay operation as used in Lafayette HE-20 and most popular citizens band transceivers. Sturdy for trouble-free mobile operation. Has 6-32 threaded mounting hole. 1 3/8" L x 3/4" W x 1 1/8" H. With schematic.
HP-225 Shpg. wt., 8 oz. Net 3.95

1750 KC INTERMEDIATE FREQUENCY TRANSFORMER Used in Lafayette HE-15. Can be used in any CB transceiver having a 1750 KC IF frequency as well as with above oscillator and RF coils. 1 1/4" L x 3/4" W x 3/8" D. Complete with schematic. Shpg. wt., 8 lbs.
HP-226 Net .75

AUTOMOBILE CIGARETTE LIGHTER CABLE ASSY. (Used in Lafayette HE-20) Connect the two free leads of this power cable to your equipment power input, plug into car cigarette lighter outlet and that's all there's to it. Fused for safety by fuse in bayonet type fuse holder wired into cable. 3 ft. long.
HP-232 Shpg. wt., 6 oz. Net 1.25



LAFAYETTE SPECIAL!
100 MILLIWATT WALKIE TALKIE MATCHED TRANSISTOR PACKAGE
• 9 Transistors • 1 Diode • 1 Varistor
ALL EFFICIENTLY MATCHED FOR TOP CITIZENS BAND 100 MILLIWATT PERFORMANCE! USED IN LAFAYETTE HE-29A!
Lafayette makes your job of building a 100 milliwatt citizens band "walkie talkie" easy as pie with this outstanding matched transistor package. Especially matched for outstanding performance in superheterodyne transceivers as used in Lafayette's famous HE-29. Consists of 9 transistors (used in receiver oscillator, mixer, IF driver, push-pull output, transmitter oscillator and output stages), 1 diode as detector and 1 varistor for circuit stability. No other semiconductors to buy!
HP-71 Shpg. wt., 8 oz. Imported Net 7.50



TUNING CAPACITOR ASSEMBLY (Used in Lafayette HE-20)
• Capacitor Plus Dial Plus Knob
Variable tuning capacitor plus attractive 3 in. diam. channel indicator dial with hub and set screw for mounting on outer shaft of capacitor, plus black and chrome knob for vernier tuning shaft. With schematic.
HP-227 Shpg. wt., 12 oz. Net 2.25

TUNING CAPACITOR ONLY
Has flattened outer shaft for channel dial mounting or for coarse tuning knob. Flatted concentric vernier tuning shaft for vernier tuning knob. Has 6-32 threaded holes for mounting. 1 3/8" L x 1 1/4" W x 1 1/4" H. With schematic.
HP-72 Shpg. wt., 8 oz. Net 1.30

TUNING CAPACITOR ASSEMBLY
• Capacitor Plus Concentric Tuning Knobs
Variable tuning capacitor, plus 1" diam. concentric gray outer knob for coarse tuning, plus 3/4" diam. gray inner knob for vernier fine tuning. Used in Lafayette HE-15. With schematic.
HP-229 Shpg. wt., 10 oz. Net 1.69

LEVER POINTER KNOB Facilitates switch actuation where spring return switch is used, such as "Transmit—Receive—Transmit spring return" in Lafayette HE-15, etc. Gray pointer knob 1 1/4" long for 1/4" diam. shaft. Mounts by set screw.
HP-230 Shpg. wt., 4 oz. Net .25

KNOB (Used in HE-15) Attractive gray and chrome knurled knob for activating potentiometers and switches used in crystal selection, noise limiting, squelch, ON-OFF, Volume, etc. For 1/4" diam. flatted shaft. 3/4" diam.
HP-231 Shpg. wt., 4 oz. Net .25

POWER TRANSFORMER (Used in Lafayette HE-15) Sturdy, enclosed power transformer used in Lafayette HE-15A. 115 Volt primary, one secondary winding for B+ and one secondary winding for filaments. 2 1/4" L x 2 1/4" W x 2 1/4" H. With schematic.
HP-233 Shpg. wt., 3 lbs. Net 3.40

VIBRATOR TRANSFORMER Versatile vibrator transformer as used in Lafayette HE-16 and HE-18 12 Volt and 6 Volt vibrator power supplies for HE-15. Citizens Band Transceiver and HE-35 6 meter transceiver. 2 1/4" L x 1 3/4" W x 2 3/8" H. With schematic.
HP-234 Shpg. wt., 2 lbs. Net 2.95

AUDIO OUTPUT TRANSFORMER Used in HE-29 B. Subminiature 3/4 x 3/4 x 3/8" H. Center-tapped primary; 2 secondary windings. Impedance: primary—500 ohms C.T., secondary—8 ohms and 3K ohms. With schematic. Imported
TR-119 Shpg. wt., 8 oz. Net .89

WALKIE-TALKIE PRINTED CIRCUIT BOARD (Used in Lafayette HE-29A) Neatly designed miniaturized printed circuit board ideally suited for Citizens Band "walkie-talkie." Cutouts for parts listed above. Designed to make wiring and assembly simple despite small size. 3 1/2" L x 2 3/4" W x 1/4" D. Shpg. wt., 6 oz.
HP-73 Imported Net .98

WALKIE-TALKIE CITIZENS BAND SUBMINIATURE PARTS

Sturdy, highly efficient components used in many Citizens Band walkie talkie transceivers, as well as in popular Lafayette HE-29B. All precision engineered and constructed for top quality performance. All parts complete with schematics. Imported



ANTENNA LOADING COIL Variable coil for matching output from final to impedance of antenna for maximum transmitter power output. 3/8" diam. x 3/8" L, less connecting pins. Slug tuned. Inductance .44 to .535 uH; Q=82.
HP-67 Shpg. wt., 4 oz. Net .59



RECEIVER ANTENNA COIL Variable RF Antenna Coil for RF input tank assembly. Inductively tuned by slug. 3/8" diam. x 3/8" L. For HE-29A only. Avg. Q=80.
HP-66 Shpg. wt., 4 oz. Net .59



RECEIVER OSCILLATOR COIL Compact, slug-tuned receiver oscillator coil. Slug tuned to give resultant IF frequency of 455KC. Has tapped primary, plus secondary windings. For HE-29A only. 3/8" diam. x 3/8" L. Avg. Q=80.
HP-68 Shpg. wt., 4 oz. Net .59



TRANSMITTER OSCILLATOR COIL Slug-tuned subminiature variable transmitter oscillator coil. Precision built for ultra efficient operation despite its subminiature size. Wax impregnated. 3/8" diam. x 3/8" L less connecting pins. Avg. Q=85.
HP-69 Shpg. wt., 4 oz. Net .59



TRANSMITTER OUTPUT COIL Sturdy, compact subminiature wax impregnated transmitter, output coil. Slug-tuned. Has primary and secondary coils. 3/8" diam. x 3/8" L less connecting pins. Avg. Q=85.
HP-70 Shpg. wt., 4 oz. Net .59



1st IF TRANSFORMER Subminiature IF transformer. 455KC IF. Slug-tuned. 3/8" Sq. x 3/8" High. Primary 70,000 ohms, secondary 1500 ohms.
MS-776 Shpg. wt., 6 oz. Net .69



2nd IF TRANSFORMER Subminiature slug tuned 455KC IF transformer. Impedance: 50,000 ohm primary, 1,000 ohm secondary. 3/8" sq. x 3/8" H.
MS-777 Shpg. wt., 6 oz. Net .69



3rd IF TRANSFORMER Precision-built, subminiature 455KC IF transformer. Slug-tuned. Primary 30,000 ohms; secondary 5,000 ohms. 3/8" sq. x 3/8" H.
MS-778 Shpg. wt., 6 oz. Net .69



PUSH-TO-TALK SWITCH 4PDT miniature push-to-talk spring return switch for "Walkie-Talkie" CB transceivers. Rated 800 Ma for 100 VAC. Heavy duty spring. 1 3/8" L x 1 1/2" plus 1/2" plunger. Complete with mounting bracket and hardware.
Shpg. wt., 4 oz.
SW-102 Net, ea. .79;
Lots of 10, ea. .75; lots of 100 ea. .69



27MC WALKIE-TALKIE TELESCOPING ANTENNA Attractive and highly efficient 12 section chrome plated brass telescoping antenna for "walkie talkie" transceivers. Measures 52" fully extended and 5 1/2" retracted. Has #8-32 threaded stud and nut at bottom for easy mounting, and soldering lug for electrical connection.
F-703 Shpg. wt., 10 oz. Net 1.95



INTERSTAGE DRIVER TRANSFORMER — (Used in HE-29B) Subminiature efficient driver transformer used to drive push-pull output transistors. Secondary center-tapped. Impedance: primary—10K ohms, secondary—2K ohms, C.T. 3/8" x 3/8" x 3/8" H. With schematic.
TR-118 Shpg. wt., 8 oz. Net .89



hallicrafters

PRECISION BUILT SHORT-WAVE



S-118

NEW S-118 GENERAL COVERAGE RECEIVER

General coverage superhet receiver with extended low frequency tuning. Covers the broadcast, amateur and international short wave bands, plus consolan, aeronautical, mobile and international distress frequencies. Frequency range is 185 Kc to 31 Mc in 5 bands: 185 Kc to 420 Kc, 495 Kc to 1.620 Mc, 1.600 Mc to 4.950 Mc, 4.850 Mc to 15.000 Mc, and 14.800 Kc to 31.000 Mc. Features include electrical bandspread, BFO, noise limiter, separate sensitivity control, headphone jack and built-in speaker. Antenna: loopstick for two lowest bands with provisions for external antenna on all bands. The upper three bands have an antenna input impedance of 50-75 ohms. Tube complement: 6BL8 mixer/oscillator, 12BA6 1st i.f. (455 Kc), 6BL8 2nd i.f./BFO, 6T8 detector-ANL-AVC-1st audio, 6AQ5 audio output. Power supply contains 2 silicon diode rectifiers. For 105-125 VAC 50/60 cps. 13 $\frac{1}{2}$ "Wx6 $\frac{1}{2}$ "Hx 8 $\frac{1}{2}$ "D. Shpg. wt., 19 lbs.

HE-131WX Net 99.95



SX-110

MODEL SX-110 HAM-SWL RECEIVER

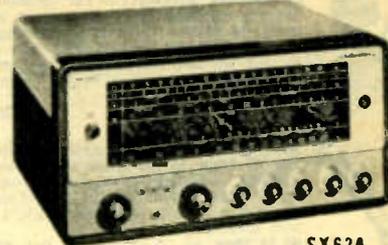
● CRYSTAL FILTER. 80, 40, 20, 15, AND 10 METER BANDS
Superheterodyne receiver covers 540 KC (broadcast band) to 34 MC in four bands. Features slide rule type dial and electrical bandspread over the 10, 15, 20, 40 and 80 meter amateur bands. Separate bandspread tuning condenser. Switchable crystal filter and built-in "S" meter. All controls are on front panel. Output: 2 watts. Grey steel cabinet with chrome trim. Size 18 $\frac{3}{4}$ "Wx8 $\frac{1}{2}$ "Hx 10 $\frac{1}{4}$ "D. 117 AC. Shpg. wt., 32 lbs.

HE-108WX Net 169.95

MODEL S-108 RECEIVER

Same as SX-110 less S-meter, antenna trimmer, and crystal filter, but includes a built-in speaker.

HE-107WX Net 139.95



SX62A

MODEL SX62A ALL WAVE FM-AM RECEIVER

A most complete communications receiver, the SX-62A will give top performance on any wave band, has every modern refinement known. Six ranges: 540-1620 Kc broadcast, 1620 Kc-4.9 Mc, 4.9-15 Mc, 15-32 Mc, 27-56 Mc (AM-FM), 54-109 Mc (AM-FM). Audio is of hifi quality up to 10 watts, with 4 position tone control. Red dots identify AM and SW controls, green dots for FM controls. Wide vision slide-rule dial; one band lights at a time. Circuits are temperature compensated, voltage regulated; has six position selectivity control, front panel phone jack. Has separate RF and AF gain controls, 60-1 ratio tuning knob for fine tuning, and AVC, ANL on BFO switches. Complement of 14 tubes plus one rectifier and one voltage regulator. Size: 20x10 $\frac{1}{2}$ x16". Shpg. wt., 67 lbs. 117 VAC.

HE-105WX less speaker Net 430.00

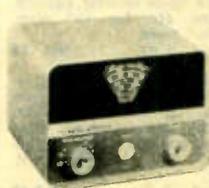
S-119 RECEIVER



A low cost super-heterodyne receiver kit covering the standard broadcast band plus two short wave bands: 2 Mc to 5.5 Mc and 6 Mc to 16.5 Mc. This range includes the

80, 40 and 20 meter amateur bands. Receiver includes built-in speaker, headphone tip jacks, AM/CW switch. Designed for Powerful performance. Tube comp: 6BE6 oscillator/mixer, 6BA6 i.f. amplifier/BFO, 6CM8 first and second audio amplifier and output. The detector is a 1N295. Size: 10 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx7 $\frac{1}{2}$ "D. Shpg. wt., 9 lbs. HE-135 S119 Factory Wired & Tested Net 49.95
HE-136 S119K Receiver Kit Net 39.95

HA-5 DELUXE VFO



Extremely stable heterodyne VFO with outputs on 3.5-4.0 Mc, 7.0-7.5 Mc, 7.8-8.3 Mc, and 8.333-8.833 Mc. Illuminated dial calibrated on all amateur bands from 80 to 2 meters. Variable oscillator operates only in the 5.0-5.5 Mc range, heterodyning against crystal

oscillator signals. Break-in keying in mixer cathode. Built-in, voltage regulated power supply. For 105/125 VAC, 60 cps. 7Wx5Hx8 $\frac{1}{2}$ "D. Shpg. wt., 8 lbs.

HE-139 Net 79.95

MATCHING SPEAKERS

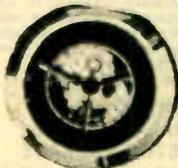
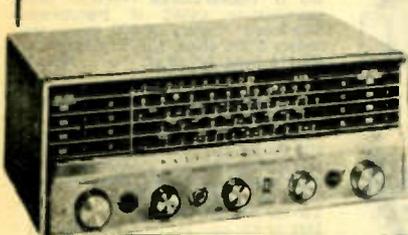


R-48 MATCHING 7 $\frac{1}{2}$ " speaker for AM, CW or Music reception—switchable for voice or music reception 3.2 ohm. Shpg. wt., 10 lbs. For use with SX-100, SX-110, SX-101A, and S-118.

HE-113 Net 19.95

R-47 MATCHING 4" PM Speaker for CW or speech reception; response: 300-2850 cps; 3.2 ohm impedance. For use with SX-100, SX-101A, SX-110. Shpg. wt. 2 $\frac{1}{2}$ lbs. HE-112 Net 12.95

FREE! FAMOUS NAME ELECTRIC WORLD CLOCK WITH PURCHASE OF HALLCRAFTERS S-120



Only

69⁹⁵

No Money Down

BUY ON TIME SEE PAGE 381

HALLCRAFTERS S-120 RECEIVER

Covers Broadcast Band 550-1600 KC plus 3 Short Wave Bands 1600 Kc to 30 Mc. 3 Antennas, Slide Rule Bandspread Dial, New Compact Styling.

This new precision built receiver features electrical bandspread with slide rule bandspread dial and separate bandspread tuning condenser. Front panel headphone jack which automatically disconnects self-contained speaker may be used to drive remote 8 ohm speaker. Has 3 antennas (ferrite loop for broadcast band; adjustable whip for short wave wire antenna). Tube complement: 12BE6 Converter, 12BA6 I-F amplifier, B.F.O., 12AV6 Audio amplifier, AVC detector, 50C5 Audio, plus Selenium Rectifier, 455KC IF. Attractive gray steel cabinet with silver trim. 13 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx 8 $\frac{3}{4}$ "D. (U/L Approved). Operates on 105-125V 50/60 cycles. AC/DC. Shpg. wt., 12 lbs. HE-146M S-120 RECEIVER plus free Electric Clock 69.95

OTHER HALLCRAFTERS EQUIPMENT

HT33B Linear Amplifier — 10 thru 80 Meters
HE-128WX Shpg. wt., 130 lbs. Net 995.00
SX-112 Double Conversion Receiver
HE-137WX Shpg. wt., 74 lbs. Net 595.00
SX-100 Receiver For AM-CW & SSB
HE-109WX Shpg. wt., 43 lbs. Net 325.00

NEW! HALLI-KITS FROM HALLCRAFTERS

A complete 80 through 6 Meters AM/CW Station in Kit Form



HT-40K



SX-140K

MODEL HT-40K TRANSMITTER KIT

- Excellent CW and AM Performance
- Full Band Switching, 80 through 6 meters

Specifications: Power input: 75 watts. Power output: 35 watts CW, 30 watts peak AM phone. Bands: 80, 40, 20, 15, 10 and 6 meters. Tubes: 6DQ5 power output; 6CX8 crystal oscillator—Multiplier—Buffer; 12AX7 speech amplifier; 6DE7 audio amplifier-Modulator; silicon rectifiers. Controls—Front Panel Function: Band Selector; Drive Control; Plate tuning; plate loading; Crystal—VFO; Grid current; Meter; AC light; RF output. Rear Chassis: Microphone gain; antenna co-ax connector; remote control terminals; AC power cord. Gray steel cabinet 13 $\frac{3}{8}$ "Wx8 $\frac{1}{2}$ "Dx6 $\frac{5}{8}$ "H. Shpg. wt., 20 lbs. HE-123WX HT-40K Kit Net 89.95
HE-124WX HT-40 Factory Wired & Tested Net 109.95

MODEL SX-140K RECEIVER KIT

● Complete coverage of 80 through 6 meter Amateur Bands
Receiver has high sensitivity and sharp selectivity. RF stage: S-meter; antenna trimmer and crystal calibrator. Tuning rate 25 to 1. Controls: Tuning, Antenna Trimmer; Cal. Reset; Function (AC off, standby, AM, CW-SSB); Band Selector; Cal on/off; RF Gain on/off; Selectivity/BFO; Audio Gain; phone jack; S-meter Adj. Tubes: 6A28 tuned RF amplifier and crystal calibrator; 6U8 oscillator mixer; 6BA6 IF and BFO, 6T8A 2nd detector, A.V.C., ANL and 1st audio; 6AW8A audio power and S-meter amplifier; 2 silicon rectifiers. Gray steel cabinet 13 $\frac{3}{8}$ "Wx8 $\frac{1}{2}$ "Dx6 $\frac{5}{8}$ "H. Shpg. wt., 15 lbs. HE-125WX SX-140K Receiver Kit Net 114.95
HE-126WX SX-140 Factory Wired & Tested Net 139.95

AND AMATEUR EQUIPMENT

hallicrafters



HT-37

HT-37 SSB EXCITER/TRANSMITTER

- AM-CW-SSB OPERATION • 70-100 Watts PEP OUTPUT

The HT-37 is a completely self-contained 70-100 watt transmitter that may be operated "barefoot" or used as an exciter for most high-power linear amplifiers. Features a highly stable VFO employing double reduction disc drive, calibrated on all amateur bands, making operation a pleasure. Utilizing 2-6146 tubes in the final stage, the HT-37 is rated at 70-100 watts PEP output for SSB/CW and 17-25 watts carrier on AM phone. Sideband suppression is 40 db at 1000 cps for clear sounding signals. Provision is made for an instant CW CAL signal from any transmitting mode. Utilizes the same voice control circuitry as found in the HT-32A Transmitter for ease-of-operation. Final stage operates at low power in standby position for optimum cooling and trouble-free performance. Size 9½x18¼x16¾"D. For 105-125 volts, 50-60 cps AC. Shpg. wt., 86 lbs.

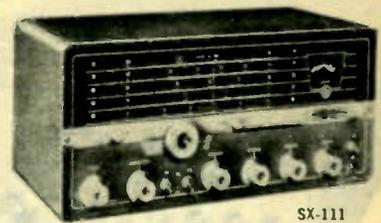
HE-120WX

No Money Down

Net 495.00

COMPLETE SSB-AM-CW STATION

- All Amateur Bands from 80 to 10 Meters
- 70-100 Watts PEP Transmitter Output
- Sensitive and Selective Double Conversion Receiver
- Both Units Designed for Maximum Operating Convenience



SX-111

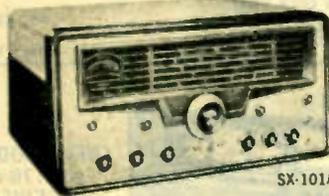
SX-111 RECEIVER

A value packed ham band receiver for AM/CW/SSB reception. Covers the 80, 40, 20, 15, and 10 meter amateur bands plus a 6th band for 10 mc WWV reception. This 10 mc position allows reception of time signals in addition to providing an accurate check of the 100 kc crystal calibrator. Sensitivity—1 μ v on all bands. Selectivity variable in 5 steps from 500 to 5000 cps. In addition this receiver offers the double conversion, so essential on the amateur bands. Employs effective "Tee-Notch" filter to tune out unwanted signals and provide "arm-chair copy." Utilizes 11 tubes plus voltage regulator and rectifier for power-packed reception. Less speaker—Uses R-47 or R-48 speakers listed on this page. Size: 18¾x8¾x10½". Shpg. wt., 55 lbs.

HE-119WX

No Money Down

Net 279.50



SX-101A

SX-101A SSB RECEIVER

- COMPLETE COVERAGE FOR THE HAM

A deluxe communications receiver designed with the SSB enthusiast in mind. The SX-101A offers dual conversion plus variable selectivity, in 5 steps from 500 cps to 5 KC, provide for optimum ease-of-reception for AM-SSB-CW signals. Sensitivity—1 μ volt on all bands. Covers 80, 40, 20, 15, and 10 meter bands plus a calibrated scale for use of an external 6 or 2 meter converter. (converter output 30-34 mcs.) An additional and highly useful feature is the 10 mc. position for WWV. Utilizes 13 tubes plus voltage regulator and rectifier. The clearly marked slide rule dial plus 50:1 gear drive make tuning simple. Built-in 100 kc. crystal calibrator allows band-edge operation. The clearly marked S-meter functions with the AVC on-or-off. Product detector for SSB. Sidebands selectable from front panel. Tee-notch filter for crystal-clear reception. Less speaker—uses R-48 or R-47 speakers. For 105-125 volts 50-60 cps AC. Size: 20Wx10½Hx16"D. Shpg. wt., 85 lbs.

HE-114WX

No Money Down

Net 445.50

SSB EQUIPMENT



SX-115

NEW! SX-115 RECEIVER

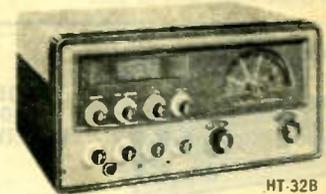
- Direct Reading In Kilocycles • Time Proven HT-32 VFO
- Triple Conversion • Two Detectors AM/CW-SSB
- Two AVC Loops • Two Noise Limiters AM/CW-SSB

The SX-115 is designed to provide the ultimate in performance and stability. A new "Front end" utilizes bandpass couplers with the advantage of 4 tuned circuits, for better "out of band rejection." All spurious and image signals are down 60 db. Deluxe features include: Accurate Frequency readout, 1KC calibration marks, anti-backlash tuning mechanism, built-in 100 KC crystal calibrator, crystal controlled 1st and 3rd conversion oscillators. Sensitivity less than 1 microvolt. Selectivity variable in five steps from 500 to 5000 cycles. Covers nine 500 KC segments from 3.5—30 MC to include WWV/WWVH reception. Audio output 3.2 and 500 ohms. For 105-125 volts 50/60 cps. AC. Size: 16Wx10½Hx16"D. Shpg. wt., 47 lbs.

HE-129WX

No Money Down

Net 599.95



HT-32B

MODEL HT-32B TRANSMITTER

- Beam Switching Modulator • Direct Reading C.T.O.

An outstanding choice for the experienced amateur, the HT-32B now offers a beam deflection, high level modulator for a low noise, high stability signal. Also features Hallicrafters exclusive 5 MC quartz crystal filter with more than 50 db sideband rejection; C.T.O. direct reading in KC to within 1 KC; 10-meter coverage in four band-switched segments; 144 watts plate input (P.E.P. two-tone). Five band output (80, 40, 20, 15, 10 meters). All modes of transmission are available. Keying circuit brought out for teletype keyer Utilizes OA2 voltage regulator. For 105-125V 50/60 cps AC. Size: 20Wx10½Hx17"D. Shpg. wt., 86 lbs.

HE-130WX

No Money Down

Net 725.00

NEW SX-117 TRIPLE CONVERSION HETERODYNE COMMUNICATION RECEIVER



- Sensitivity less than 1 micro-volt

- Crystal controlled 1st and 3rd conversion oscillators

An exceptional communications receiver with a high order of electrical and mechanical stability. Can operate on most frequencies from 150 KC to 30 MC with use of proper crystal. For AM/CW/SSB reception. Features transmitter type VFO which can be used as crystal locked oscillator. 1st and 3rd converters are crystal controlled for top performance. "C" notch for up to 50 db attenuation. Back-lash free tuning mechanism—Selectable side bands. Selectivity variable in 3-steps from 500 to 5000 cycles. The SX-117 is shipped with crystals to cover 3.5—4.0, 7.0—7.5; 14.0—14.5, 21.0—21.5, and 28.5—29.0 Meg. For 105-125V 50/60 cycles AC. Size: 15Wx7½Hx13"D. Shpg. wt., 21 lbs.

HE-145WX

No Money Down

Net 379.50

HT-41 LINEAR AMPLIFIER



- 1 KW PEP
- 80 thru 10 Meters

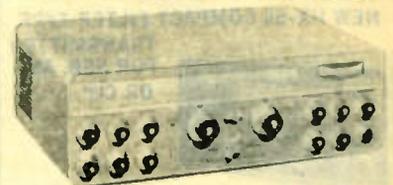
Compact, medium-priced, high power linear for 80 through 10 meters. Input 1000 watts on SSB through 20 meters (slightly less on higher bands). 450 watts on AM and 800 watts CW. Can be driven by any SSB exciter with 20-100 watts. Ideal companion to HT-37. Adjustable pi-network coax output. 40-75 ohms. All important circuits are metered. Input impedance 30-75 ohms. Use Class B grounded grid circuitry. Self-contained power supply with two 866A rectifiers. 19¼Wx9Hx15½"D. Shpg. wt., 97 lbs.

HE-138WX

No Money Down

Net 395.00

NEW MODEL FPM-200 TRANSISTORIZED TRANSCEIVER



- AM-SSB-CW, Mobile or Fixed Operation
- 150 watts PEP input on SSB
- Self-contained 12 VDC power supply

An advanced receiver designed for fixed, portable, or mobile operation. Provides complete coverage of all amateur bands, 80 through 10 meters. For USB-LSB-CW-AM operation. 39 transistors are used in the receiving section and all low level transmitter stages up to the driver. — 3-tubes are used (12BY7 driver and 2-1616's) in the final amplifier stage. Result is low current drain from car battery. Front panel switch selects tracking or independent frequency control. Size: 16Wx5Hx11"D. Shpg. wt., 27 lbs.

HE-144WX

No Money Down

Net 2,650.00

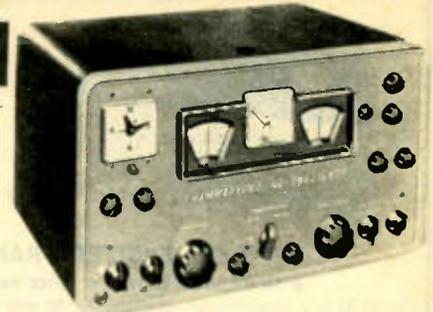


HAMMARLUND EQUIPMENT



AN OUTSTANDING COMPLETE SSB-AM-CW STATION

- Professional Performance at Amateur Prices
- Full Facilities for SSB, AM, FM, CW, RTTY Operation on 10 Through 80 Meters



MODEL HX-500 SSB TRANSMITTER

100 watt SSB transmitter for 80 thru 10 meter operation. Built-in VFO may be read to within 200 cps or better. Can be used as an SSB exciter/transmitter plus CW, FM, DSB, and FSK transmitter. Conveniently located VOX and anti-VOX controls. Features: Carrier Suppression in excess of 50 db. Unwanted sideband down 50 db or better. TVI proofed. VFO employs separate scale on each band. Complete with all necessary crystals. Built-in antenna change over relay, 50 ohm pi-network output. Power output 100 watts PEP; 100 watts CW; 25 watts AM-FM-FSK. Uses 16 tubes plus 4 rectifiers and voltage regulator. Size 19 1/4" x 11 1/2" x 16 1/4" D. Shpg. wt., 100 lbs. 115 VAC 50-60 cps.

HE-172WX Net 695.00
 HX-500 and HQ-180 as well as all Hammarlund equipment available for 115-230V 50-60 cycles. Please write for price.

MODEL HQ-180 RECEIVER

The HQ-180 is an 18 tube, triple conversion, general coverage receiver for SSB-AM-CW reception. Coverage 54 — 30.0 MCS with calibrated bandspread on the 80, 40, 20, 15, and 10 meter amateur bands. High selectivity with Crystal Filter (3035Kcs) and a Slot Depth Filter. Selectivity variable with 7 steps. Selectable sideband. Variable attack AVC. Automatic Noise Limiter. Adjustable calibration of frequency dial checked by the built-in 100 kc crystal calibrator. 1 watt undistorted audio output. Calibration every 5 kc 80-15 meters, every 10 kc on 10 meters. For 105-125 volts, 50-60 cps AC. Size 19Wx10 1/2 Hx13 1/2 D. Shpg. wt., 45 lbs.

HE-170WX Net 429.00
 Model HQ-180C. Same as above plus clock timer.
HE-171WX Net 439.00
 Model S-200. Matching Speaker in Cabinet.
HE-159 Shpg. wt., 10 lbs. Net 19.95



MODEL HQ-100A RECEIVER

A highly sensitive and selective redesigned version of the famous HQ-100, continuously tunable from 540 Kc to 30 Mc in four bands. Accurately calibrated electrical bandspread on the 80, 40, 20, 15 and 10 meter bands. Sensitivity: 1.75 microvolts for 10-1 signal-to-noise ratio, One r.f., 2 i.f. stages. Temperature compensation, voltage regulation and rugged construction in the separate high-frequency section result in high stability. Other features: Q-multiplier for variable selectivity, AVC, variable BFO, effective series noise limiter, "S" meter, panel-controlled antenna compensator. "Auto-Response" feature automatically adjusts audio bandwidth to fit receiving conditions. For 105-125V, 50/60 cps. Dimensions: 16 1/4" W x 9 1/4" H x 9 1/4" D. Shpg. wt., 33 lbs.

HE-175WX Net 189.00
 MODEL HQ-100 AC Receiver w/clock
HE-174WX Shpg. wt., 33 lbs. Net 199.00
 MODEL S-100. Matching speaker
HE-152 Shpg. wt., 10 lbs. Net 14.95
 MODEL XC-100, 100 Kc crystal calibrator.
HE-153 Shpg. wt., 3 lbs. Net 15.95



NEW RECEIVER MODEL HQ-110A

A 12 tube superhet receiver with dual conversion for excellent image rejection. Full dial coverage of 6, 10, 15, 20, 40, 80, and 160 meter bands. New expanded dial with 144-148MC calibrations for use with 2-meter converters. Features tighter mechanical and electrical stability; accessory socket for preamps or converters and separate 6 meter coax input for rapid shift from VHF to LF operation. AVC operates on RF and IF. Q multiplier continuously variable from 100 cps to 3 Kcs. Separate stabilized BFO and linear detector for SSB and CW reception. Antenna compensator for loading effects of various antennas or balanced transmission line. Calibrated "S" meter. New series type noise limiter. Built-in 100 Kc crystal calibrator. For 105-125 cps, AC. 16 1/4 W x 9 1/4 H x 9 1/4 D. Shpg. wt., 33 lbs.

HE-936WX Net 249.00
 MODEL HQ-110AC Receiver W/clock. Shpg. wt., 34 lbs.
HE-937WX Net 259.00
 MODEL S-100. Matching speaker in cabinet.
HE-152 Shpg. wt., 10 lbs. Net 14.95



NEW MODEL HQ-170-A RECEIVER

Offers a practically endless combination of tuning techniques for optimum reception of SSB/CW and AM/MCW. Tunes 6, 10, 15, 20, 40, 80 and 160 meter bands plus 2 meter calibration. Triple conversion 17 tube circuit; separate vernier tuning; BFO control, built-in 100Kc crystal calibrator. For 115V AC. Size: 19Wx10 1/2 Hx13 1/2 D. Shpg. wt., 45 lbs.

HE-574WX HQ-170A Net 369.00
HE-575WX HQ-170AC Receiver w/clock Net 379.00
 Model S-200—Matching Speaker for HQ-170A
HE-159 Shpg. wt., 10 lbs. Net 19.95

HQ-145X RECEIVER

An 11 tube superhet (not illustrated) for 540 Kc to 30 Mc. Dual conversion from 10 Mc to 30 Mc. Crystal filter and 60 db slot filter for high selectivity. 10Hx19Wx13 1/2 D.

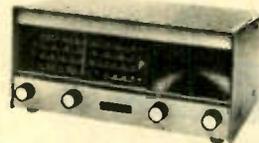
HE-176WX Shpg. wt., 42 lbs. Net 269.00
HE-177WX HQ-145XC (as above but w/clock) Net 279.00
 Model S-200 Matching speaker in cabinet for above.
HE-159 Net 19.95

NEW HX-50 COMPACT FILTER-TYPE TRANSMITTER FOR SSB, AM, OR CW



This new compact transmitter offers features and conveniences usually found only in larger, more expensive equipment. Covers all ham bands from 80 to 10 meters plus MARS frequencies. Frequency ranges (MC): 3.5-4.7-7.3, 14-14.35, 21.0-21.45, 28-28.55, 28.55-29.1, 29.1-29.65. Power output 130 watts P.E.P. SSB, 50 watts CW, and 12-15 watts AM. Fixed pi network output with 50 ohm impedance. VFO stability better than 250 cycles after warmup, with all other oscillators crystal controlled. Vernier tuning dial calibrated every 10 KC., readable to 2KC. Slide rule dial. Carrier, unwanted sideband and spurious frequencies down 50 db or better. Third and fifth order distortion down 30 db or better. Includes all crystals, built-in antenna change-over, VOX, and keying relay. Operational controls on front panel. For 105-125V, 50/60 cps. Dimensions: 17 1/2 W x 9 1/2 D x 9 1/4 H. Shpg. wt., 50 lbs.

HE-178WX No Money Down Net 399.50



NEW MODEL CR-1 WORLD WIDE RECEIVER

The CR-1 "World-Wide" receiver features the most recent advances in electronic packaging and design by including new compactron tubes to deliver the finest world-wide reception.

Wide frequency range covers from 540 KC to 30 MC. Actual ranges of the four-band CR-1 are: 540 KC to 1620 KC, 17 MC to 5.0 MC, 5.0 MC to 14.0 MC, and 13 MC to 30 MC — thus including standard broadcast and all short wave bands. Superheterodyne design and modern circuitry combined with unusual flexibility permits reception of CW (code) and AM (broadcast and shortwave bands). Additionally, the CR-1 may be used as a CD "Alert" receiver by switching to CD position. Emits a high pitched audio note to focus attention to an "Alert" condition. Size: 11Wx5Hx8"D. Shpg. wt., 12 lbs.

HE-576 Net 59.95

NEW MODEL HXL-1 LINEAR AMPLIFIER. Rated at 1 KW P.E.P. input. Covers 10 to 80 meters. Size: 19 1/2 W x 8 1/2 H x 15 1/2 D. (Not illustrated). Shpg. wt., 120 lbs.
HE-939WX No Money Down Net 375.00



NEW HAMMARLUND HK-1B ELECTRONIC KEYS

A compact, fully transistorized code generator that combines all of the desirable features of electronic sending with distinctive dot/dash control to give messages your "personal touch." Uses simplified transistorized circuitry and operates on standard 22 1/2 volt battery. Keying relay prevents polarity reversal and transistor damage. Less battery.

BA-147 Net 39.95
BA-270 22 1/2 Volt battery for above Net 1.61

MODEL MR-50-X TWO-WAY RADIO COMMUNICATIONS MONITOR

An extremely sensitive double conversion FM receiver for remote monitoring of communications. Comes pre-tuned and crystal controlled to a fixed channel within the range from 147 MC to 174 MC. For 117V, 60 cps AC. 75 watts. Size: 13Wx7Hx7 1/4 D. Shpg. wt., 21 lbs.

HE-179WX No Money Down Net 199.50

National Communications Receivers

New!

NATIONAL NC-105 GENERAL COVERAGE RECEIVER



A new general coverage receiver which features remarkable performance for the amateur, shortwave listener and hi-fi enthusiast. An efficient fixed tuned peaking type Q multiplier provides continuously variable IF selectivity to meet any listening requirement—from 7 KC for full fidelity music reception to 500 cycles for crowded CW Band conditions. Large edge-type illuminated S-meter operates during AM, SSB and code reception for accurate measurement and logging of signal strength. Separate combination BFO/product detector assures maximum performance during SSB and CW reception. Calibration charts are provided for all popular amateur and foreign broadcast bands. Exclusive tuner output permits detector to be fed into hi-fi amplifier for quality reception for taping SW. Tunes 550K to 30MC in four bands. Available in either a functional steel cabinet or custom oiled walnut enclosure. Dimensions: (In steel cabinet) 7 1/2" x 13 1/2" x 8 3/4" D. For 105-125 A.C., 60/60 cycles. Shpg. wt., 27 lbs.

HE-222WX Steel Cabinet Net 119.95
HE-223WX Oiled Walnut Cabinet Net 139.95

NATIONAL DOUBLE CONVERSION

NC-190 GENERAL COVERAGE RECEIVER



- High Frequency Stability

A double conversion, general coverage receiver for 530Kc through 30 Mc. Unique Ferrite Filter at the second i.f. (230 KC) provides selectivity variable from 5 Kc to 600 cycles at 6db down. Sensitivity is better than 1 microvolt for 10db S/N ratio. Choice of calibrated electrical bandsread. Bandsread vernier provides 60:1 tuning ratio. Front end employs a low noise 6BZ6 r.f. amplifier with antenna trimmer. Other features: separate product detector for SSB, calibrated USB/LSB BFO control, AVC and edge-reading "S" meter which operate on all reception modes. Noise limiters: automatic series gate for AM, i.f. limiting for SSB/CW. Accessory crystal calibrator provides 1 Mc markers throughout the tuning range. Audio output: 1 watt at 10% distortion, 3.2 ohms. Headphone jack on front panel. For 105-125 VAC, 50-60 cps. Dimensions: 15 1/4" x 8 3/4" x 9" D. Shpg. wt., 28 lbs.

HE-221WX Net 219.50
NTS-3B Matching speaker for NC-190
HE-220 Shpg. wt., 6 lbs. Net 18.95

NATIONAL NC-270 DOUBLE CONVERSION

AMATEUR BAND RECEIVER



- Sensitivity over 1.5 microvolts

A "hot" new double conversion receiver for the amateur bands from 6 to 80 meters. Sensitivity is better than 1.5 microvolt for 1 watt output, 10 db signal to noise ratio. Double conversion, with IF frequencies of 2215 kc and 230 kc, insures optimum image rejection. Selectivity: in addition to a special patented ferrite filter, a 5-position IF switch provides bandwidths of 5.0 kc (Broad) 3.0 kc (Medium) 2.5 kc (USB), 2.5 kc (LSB) and 600 cycles (Very sharp). "Bifilar T Notch" rejection circuit providing more than 50 db interference rejection, separate heterodyne detector for SSB and CW, automatic noise limiter, S-meter, a full 3 watts audio output, inertia-type tuning knob, large dial, and a unique "Flip Foot" on both receiver and matching speaker for operating convenience. Requires 75 watts at 105-125 VAC, 50-60 cycles. 8 3/4" x 15 1/4" x 9" D. Shpg. wt., 28 lbs.

HE-219WX Net 279.95
HE-220 Matching Speaker, Shpg. wt., 6 lbs. Net 19.95



NEW NC-155 AMATEUR BAND RECEIVER

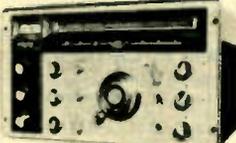
- Superb SSB performance

An exceptionally fine amateur band receiver with high mechanical and electrical stability. Better than 1 microvolt sensitivity for a 10 db signal-to-noise ratio even on the 6 meter band. Variable IF selectivity with exclusive ferrite filter provides 3 distinct bandwidths: 600 cps, 3.0 KC; 5 KC. Planetary ball vernier with 60:1 reduction results in high tuning ratio and separate linear product detector and sideband AGC make SSB signal easy to tune. SPECS: Frequency ranges — 6, 10, 15, 20, 40, 80 meter bands; Audio power output — 3.0 watts. Illum. signal strength meter. Calibrated USB/LSB BFO control eliminates guesswork for SSB settings. Mode switch: AM, ANL, CW-SSB with AGC on; CW-SSB, AM, ANL with AGC off. For 105-125VAC 50/60 cps. Size: 8 3/4" x 15 1/4" x 9" D. Shpg. wt., 28 lbs.

HE-224WX No Money Down Net 199.95
NTS-3B Matching speaker for NC-155
HE-220 Shpg. wt., 6 lbs. Net 19.55

NATIONAL NC-303 DUAL CONVERSION

AMATEUR COMMUNICATIONS RECEIVER



- Improved Q multiplier
- 1 μv sensitivity

Covers 160 - 10 meters. Provision is made for 6, 2, and 1 1/4 meter converters. Features include an improved "Q" multiplier with 60 db rejection notch and a 5 position IF band-width selector with selectable sideband for a wide choice of bandwidth/selectivity combinations. Also included are dual noise limiters (ANL for AM, a double-ended manual limiter for CW and SSB), exclusive WWV converter provision, high-speed 40:1 tuning knob with vernier drive and a "fast attack, slow release" AGC to eliminate momentary overload from AGC lag and background noise during speech pauses. Sensitivity better than 1 μv @ 10 db S/N. Giant slide-rule dial readable to 2 kc without interpolation to 21.5 mc. 15 tubes including rectifier. Power requirements: 105-125 VAC, 50-60 cps, 9 1/2" x 11 1/4" x 15" D. Shpg. wt., 64 lbs.

HE-208WX Net 449.00
HE-209 NTS-2 Table Speaker for NC-303 Net 21.95

NEW NC-140 GENERAL COVERAGE RECEIVER



A high quality general coverage receiver tuning 540 KC to 31 MC in five bands with 1 microvolt sensitivity. Bandsread scale is calibrated for 80 through 10 meter amateur bands and five popular foreign BC bands. Featuring double conversion above 4 MC; an active peaking Q multiplier usable with BFO; on RF stage and SSB/CW product detector. Finished in National Blue and Silver-Gray. For 105-125 50/60 cycle AC. Size: 8 3/4" x 15 1/4" x 9" D. Shpg. wt., 28 lbs.

HE-226WX No Money Down Net 189.95
NTS-3B Matching speaker for NC-140
HE-220 Shpg. wt., 6 lbs. Net 19.55

OTHER NATIONAL EQUIPMENT

NC400 Double Conversion general coverage receiver covers 540 KC to 31 MC in 7 bands.
HE-216WX Shpg. wt., 72 lbs. Net 895.00
VFO-62 Precision variable frequency oscillator for 6 and 2 meters. Size: 5 1/4" x 6 1/2" x 5 1/2" D.
HE-213 Net 49.95

NATIONAL NC-60 SPECIAL "B" RECEIVER



National's new all-wave low-priced receiver which features continuous coverage of AM Broadcast, Amateur and World Wide Short Wave Bands; brilliantly styled by Peter Quay Yang for easy operation, ready reading and attractive decor. Features include: 4 separate bands—540 Kc-1600 Kc; 1.6-4.5 Mc; 4-12 Mc; 10.5-31 Mc with police, CD, marine, aircraft, amateur, etc. stations clearly marked; plus 0-100 logging and bandsread scale. Bandsread operative on all bands. Audio section drives built-in speaker or front panel phone jack. Has AM, CW switch, standby-receive switch, 2 degrees of selectivity, complement of 4 tubes plus rectifier, superheterodyne circuit. Finish is, two tone black and gray enamel. Size: 7 3/4" x 8 3/4" x 13 1/2" D. Shpg. wt., 15 lbs.

HE-200WX Net 59.95

FREE WITH PURCHASE OF NC-60 SPECIAL "B"



ME-42



KT-77

REGULAR PRICE 3.40

ME-42 Headset. Shpg. wt., 1 1/2 lbs. Net 1.05
KT-77 Shortwave Antenna Kit. Shpg. wt., 1 1/2 lbs. Net 2.35

SPECIAL LAFAYETTE OFFER

HE-200WX plus KT-77 plus ME-42. Shpg. wt., 18 lbs. Net 59.95
HE-227WX

NEW R.L. DRAKE 2B RECEIVER FOR SSB AM & CW



Model 2B

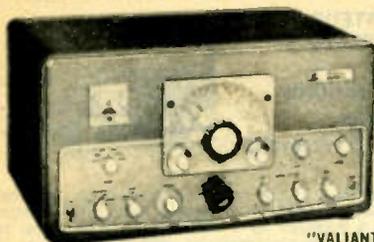


Model 2BQ

- Triple Conversion with 60 AB Image Rejection
- Crystal control stability
- Continuous side-band selection without retuning

Top performance on SSB, AM and CW. The 2B is a highly sensitive, triple conversion receiver with 60 db image rejection. Covers 3.5 - 4.1 Mc, 6.9 - 7.5 Mc, 13.9 - 14.5 Mc, 20.9 - 21.5 Mc, 28.5 - 29.1 Mc, with a crystal controlled high frequency oscillator (crystals supplied). Highly stable variable oscillator. Sensitivity: 0.5 microvolt for 10 db S/N ratio. 50 Kc last i.f. — selectivity of 2.4 Kc at 6 db down. Receiver has 7" slide-rule dial with markings every 10 Kc and a vernier with markings every 1 Kc. Additional features: slow or fast AVC action, accurate "S" meter, distortion-free product detector. For 110-120 V., 60 cps. Size: 12Wx7Hx9"D.

HE-180WX Shpg. wt., 15 lbs. Net 279.95
Model 2BQ Q-multiplier and deluxe speaker. For 2B receivers.
HE-181 Net 39.95
HE-182-2AC crystal calibrator for 2B (not illus.) Net 16.95

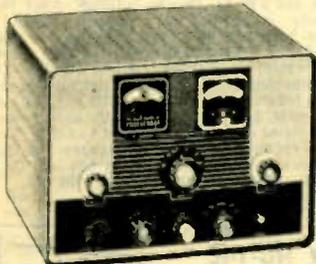


"VALIANT II"

NEW "VALIANT II" TRANSMITTER

Newly restyled — the Valiant II gives you outstanding flexibility and performance. Complete band switching on all amateur bands 160 to 10 meters — delivering 275 watts on CW and SSB (with auxiliary SSB exciter or adaptor) and 200 watts on AM. Can be used either crystal controlled or with built-in temperature compensated VFO. VFO operates in the 1.75 to 2 Mc and 7.0 to 7.45 MC ranges. Features: Complete TVI suppression; timed sequence (grid block) keying; push-to-talk audio system for use with high impedance crystal or dynamic mikes; low level audio clipping, built-in low pass audio filter and self-contained power supplies. Three 6146 tubes are used in the final amplifier. For 105-120 VAC, 50/60 cps. 600 watts. Size: 21 $\frac{1}{2}$ x11 $\frac{1}{2}$ xHx14"D. Shpg. wt., 83 lbs.

HE-624WX 240-105-1 Kit Net 375.00
HE-625WX 240-105-2 Wired Net 495.00

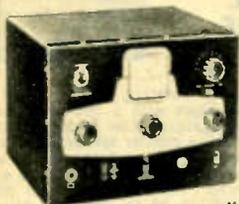


"CHALLENGER"

**"CHALLENGER" TRANSMITTER
120 WATTS CW, 80 THRU 10 METERS
85 WATTS ON 6 METERS**

The new Viking "Challenger" is ideal for the novice or experienced amateur. Instant bandswitching 80 through 6 meters—70 watts phone input—120 watts CW input 80 through 10 meters and 85 watts CW input on 6 meters! Straight through final amplifier operation even on 6 meters provides excellent efficiency and modulation characteristics. Size 13 $\frac{1}{2}$ x10 $\frac{1}{2}$ xHx9 $\frac{1}{2}$ "D. Shpg. wt., 28 lbs. Model 240-182-1. Above in kit form. With tubes.

HE-424WX Model 240-182-2, Above wired and tested. Net 124.75
HE-425WX Model 240-182-1, Above in kit form. With tubes. Net 169.75

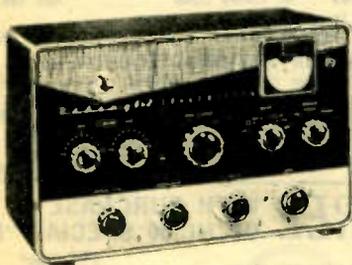


"ADVENTURER"

**"ADVENTURER" TRANSMITTER
50 WATTS CW INPUT, 80 THRU 10 METERS**

Completely self-contained transmitter in kit form. Features crystal or external VFO control, single-knob band-switching, clean break-in keying. 6AG7 oscillator/multiplier drives 807 final. Effectively TVI suppressed. 10 $\frac{3}{4}$ x8 $\frac{1}{2}$ x7 $\frac{3}{8}$ "D. Shpg. wt., 19 lbs. Model 240-181-1. Above in Kit Form. With tubes.

HE-423WX Model 250-40, Speech amplifier/modulator kit for Adventurer. With tubes. Shpg. wt., 1 lb. Net 69.95
HE-444 Model 240-181-1, Above in Kit Form. With tubes. Net 12.25



"6N2" TRANSMITTER

"6N2" VHF TRANSMITTER

A compact VHF transmitter which offers instant band-switching coverage of both 6 and 2 meters. Power input is rated at 150 watts CW and 100 watts AM phone. May be operated by external VFO or built-in crystal control. Critical adjustments are avoided by using 8-9 MC crystals in a pentode oscillator.

Requires 6.3V at 3.5 amps, 300VDC at 70 ma and 300-50V DC at 200 ma. Capable of 30 watts or more of audio. 5894 dual tetrode final. 150 watts input on CW or FM; 100 watts on AM phone. Uses silver plated balanced tank circuits, TVI suppressed, 8-9MC output, LC keying circuit. Available completely wired and tested or as an easy-to-assemble kit, with tubes, less crystals, key and microphone. Size: 13 $\frac{1}{2}$ xWx8 $\frac{3}{8}$ xHx8 $\frac{1}{2}$ "D. Shpg. wt., 14 lbs.

HE-445WX 240-201-1 Kit Net 149.50
HE-446WX 240-201-1 Wired Net 194.50

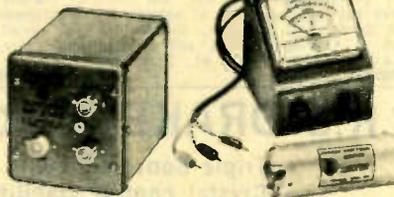
E.F. Johnson Amateur Accessories



"MATCHBOX" ANTENNA COUPLER

For 80, 40, 20, 15 and 10 meters. Matches balanced lines ranging from 25 to 1500 ohms and unbalanced lines from 3.5 to 30 Mc. Features built-in directional coupler indicator and provides continuous reading of SWR and relative power in transmission line. Speeds up antenna tuning and matching. 52 ohm coaxial input. Receive-transmit relay. Maximum power input, 275 watts. Size: 9 $\frac{7}{8}$ xWx7Hx10 $\frac{1}{2}$ "D. Shpg. wt., 11 lbs. Model 250-23-3 Match box w/dir. coupler & Indicator.

HE-430WX Model 250-23-3 Match box w/dir. coupler & Indicator. Net 94.95
HE-431WX Model 250-23 Similar to above but less directional coupler and Indicator. Net 64.95



DIRECTIONAL COUPLER AND INDICATOR

Provides a continuous reading of SWR and relative transmission line power. For use with multimeter or indicator. Indicator consists of 0-100 microammeter for monitoring power. With coaxial fittings. Size: 6 $\frac{1}{2}$ xLx2 $\frac{1}{2}$ " Dia. Shpg. wt., 2 lbs. Indicator size: 4Wx4 $\frac{3}{8}$ xHx4 $\frac{1}{4}$ "D. Shpg. wt., 4 lbs.

HE-459 250-37 Dir. Coupler Net 11.75
HE-409 250-38 Indicator Net 25.00

T-R SWITCH

Provides instantaneous high-efficiency electronic antenna switching. Max. gain: 6 db @ 3.5 Mc. Rated at 4 KW peak power. Instant break-in on SSB, DSB, CW or AM. Coax fittings. Size: 4 $\frac{1}{4}$ xWx4 $\frac{3}{8}$ xHx5 $\frac{3}{8}$ "D. Shpg. wt., 5 lbs.

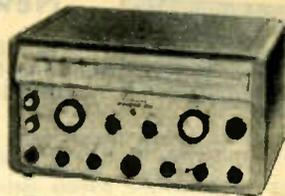
HE-439 250-39 T-R SWITCH Net 29.95

"6N2" VFO

Highly stable, compact VFO for 6 and 2 meters. Replaces 8 to 9 Mc crystals. Uses 6BH6 series tuned oscillator and OA2 voltage regulator tube. Output range: 7.995—9.010 Mc. Calibrated dial. Power: 250-300VDC at 10 ma and 6.3V. Size 4Wx5Hx4 $\frac{1}{2}$ "D. Shpg. wt., 3 lbs. HE-429 240-133-2 "6N2" VFO wired Net 54.95

INVADER AND INVADER 2000

**2000
WATTS
P.E.P.
SSB**



NO MONEY DOWN EASY PAY PLAN SEE PAGE 381

A significant step forward in amateur communications equipment. The new Viking INVADER filter-type transmitter gives you a solid 2000 watts input PEP, 200 watts input CW or 90 watts input AM, 80 through 10 meters. Want to go "high" power later on? Remove power supply for remote placement, add INVADER's integral linear amplifier and you're ON-THE-AIR with 2000 watts PEP, 1000 watts input CW, or 800 watts input AM, with all controls from VFO to antenna loading on one panel!

INVADER specifications include high VFO stability, 60 db suppression of both carrier and unwanted sideband, distortion products at least 35 db down, VOX, PTT and antitrip, and chirpless, clickless shaped mixer keying. POWER REQUIREMENTS: 325 watts, 105-125 volts, 50/60 cps. 11 $\frac{1}{2}$ xHx21Wx17 $\frac{1}{2}$ "D. Shpg. wt., 55 lbs.

HE-455WX Model 240-302-1 Net 619.50

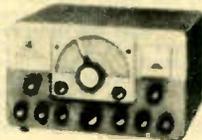
INVADER-2000: includes all features of the INVADER plus an integral linear amplifier and remote power supply. POWER REQUIREMENTS: 105-125 volts 2 wire or 210-250 volt 3 wire, 50/60 cps, 1600 watts. SIZE and WEIGHT: same as INVADER. POWER SUPPLY SIZE: 11 $\frac{1}{2}$ xHx19 $\frac{1}{2}$ xWx14 $\frac{1}{2}$ "D. Total shpg. wt., 181 lbs.

HE-456WX Model 240-304-1 Net 1229.90

INVADER HI-POWER CONVERSION Complete wired and tested assembly including new front panel, cables, additional meter, tubes, remote power supply, etc. to convert INVADER to INVADER-2000. Shpg. wt., 115 lbs.

HE-408WX Model 240-303-1 Net 619.95

NEW "RANGER II" AM-CW TRANSMITTER



- 65-75 Watts on AM/CW
- 160 thru 6 Meters
- Single-Knob Band-switching

A compact rugged transmitter for phone and CW. Can also be used as an exciter. Uses built-in VFO or crystals. Pi-network coupling system matches antenna loads from 50-500 ohms. 6146 final handles 75 watt CW input or 64 watt AM. Timed sequence (grid block) keying provides quick break-in. Completely TVI suppressed. Temperature compensated VFO. 7 separate calibrated bandspread scales, 100% AM modulation; response 250-3000 cps. For high-imped. mike. Less crystal, mike and key. For 105-120V; 50/60 cps AC. Size 15 $\frac{1}{2}$ xWx9 $\frac{3}{8}$ xHx14"D. Shpg. wt., 54 lbs.

HE-622WX 240-162-1 Kit Net 249.50
HE-621WX 240-162-2 Wired Net 359.50



"THUNERBOLT" LINEAR AMPLIFIER

A "hot" bandswitching linear amplifier. Provides 2000 watts P.E.P. with an auxiliary SSB exciter. Maximum "talk-power" is achieved from 3.5 to 30 Mc. Full KW input power on CW; 800 watts AM linear. Completely self-contained with internal blocking bias, voltage regulated screen and bias supplies and plate power supply. Drive requirements are 10 watts, class AB2 linear, 20 watts class C. Pi-network matches 40-600 ohm loads. 2 fans extend tube life. For 115-230V, 50/60 cps, AC. Size: 21Wx11 $\frac{1}{2}$ xHx16 $\frac{1}{2}$ "D. Shpg. wt., 140 lbs.

HE-413WX 240-353-2 Net 659.00

OTHER OUTSTANDING JOHNSON EQUIPMENT

| Stock No. | Mfr. No. | Description | Lbs. | Net |
|-----------|-----------|------------------------|------|--------|
| HE-457WX | 250-43-32 | "6N2" Conv 14-18 Mc | 5 | 89.95 |
| HE-458 | 250-28 | Crystal Calibrator | 1 | 18.95 |
| HE-443 | 250-25 | Signal Sentry | 3 | 22.00 |
| HE-454WX | 242-201 | 10 Meter Trncvr-115VAC | 16 | 129.75 |
| HE-452WX | 240-203 | 10 Meter Trncvr-120VDC | 16 | 139.75 |

SELECTED AMATEUR EQUIPMENT AND POWER SUPPLIES

From FAMOUS NAME MANUFACTURERS

NEW MODEL 6100 SSB TRANSMITTER



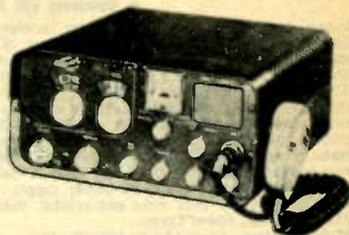
- SSB... CW... AM
- 80 thru 10 and most MARS

A completely new design — there are no free running oscillators. A military type crystal synthesizer unit generates the operating frequency and the sideband generator uses a crystal lattice filter. Ends drift problems. Operates on SSB, linear AM and CW. Frequency is set on 3 digital dials for "hundreds", "tens" and "units" of kilohertz. "Units" dial is continuously variable. Distortion, 40 db below peak signal; upper and lower sideband suppression 50 db below peak output. Carrier suppression 50 db below peak. Spurious mixture signals over 50 db down. Freq. coverage (MCS) 3.5 — 4.1, 7.0 — 8.0, 14.0 — 15.0, 21.0 — 22.0, 28.0 — 29.0, 29.0 — 30.0 Power output: 70-100 Watts SSB, CW; 20 watts AM. Tunable bandwidth-ed pi-network. Output Z: 30-100 ohms. Parallel 6146 output tubes. Push-to-talk operation. Phone patch terminals. Silicon rectifiers used on all power supplies. For 105-125V 60 cps. AC. Size: 18 3/8" x 9 1/2" x 11" D. Shpg. wt., 65 lbs.

HE-305WX No Money Down Net 875.00

POLYCOMM 6 METER TRANSCEIVER

- New "Miniload" VFO
- Nuvistor RF Amp — .2µV Sensitivity
- 10 Watts RF Output



Rugged construction, covers entire 6 meter band. Features "Miniload" VFO with adjustable differential capacitor which maintains virtually zero drift. .2 microvolt sensitivity @ 6 db S/N using 1-6DS4 & 1-6CW4

Nuvisor RF amps. Receiver is a dual conversion superheterodyne. Frequency range: 49.750 to 54.250MC. Selectivity: —6 db bandwidth 8KC±2KC. Features: 6:1 tuning ratio; AGC; adjustable squelch, series gate noise limiter. 5 watts max. audio output. Hum and noise better than 40 db down. Freq. response 250-3000 cps. AC power consumption: 90 watts rec., 140 watts trans. DC current: 10A rec., 16A, trans. @ 12.6V. For 117V 60 cycles AC 12V DC. Complete with mounting bracket, microphone. Size: 11Wx5Hx10"D. Shpg. wt., 23 lbs.

HE-291WX No Money Down Net 319.50

MULTI-ELMAC AF-68 TRANS-CITER



Covering the 80, 40, 20, 15, 10 and 6 meter amateur bands on CW and AM, the AF-68 can be used as a VFO or crystal controlled exciter, speech amplifier, driver, or complete low powered transmitter. Ideal for mobile or fixed operation. Input, 60 watts to a 6146 final, with pi network coaxial output matching a wide range of impedances. Single control bandswitching. Five circuit illuminated panel meter indicates grid current P.A. off, grid current P.A. on, plate voltage, modulator plate current, and final plate current. Built-in temperature compensated VFO has output on 3.5-4.0 MC, 7.0-7.5 MC, or 12.5-13.5 MC. VFO spotting switch provided. Crystal socket holds two crystals. Audio output of 30 watts at 600 ohms available, as well as various combinations of RF output, such as RF driver, buffer, and VFO. Filaments operate on 6 or 12 volts. External power supply and microphone required. Size: 13 1/2" x 6 1/2" x 7 1/2" D. Shpg. wt., 21 lbs.

HE-940WX NO MONEY DOWN Net 205.00

AMATEUR EQUIPMENT PMR-8 RECEIVER MOBILE OR FIXED



Highly sensitive and selective double conversion receiver for mobile or fixed stations, covering 80, 40, 20, 15, 10, and 6 meters (50-52 MC), plus the standard broadcast band. Ideal companion to the AF-68. Sensitivity: 0.5 microvolt for 10 db quieting. Selectivity: 3 KC at 6 db down, 12 KC at 60 db down. Second conversion oscillator crystal controlled; first conversion (variable) oscillator temperature compensated, with regulated voltages on plate and filament. Other features: tuned RF stage, delayed AVC, effective noise limiter, calibrated BFO. Antenna input 52 or 72 ohms. Filaments operate on 6 or 12 volts. Headphone jack included. External speaker and power supply required. Size 4 1/2" x 9 1/2" x 7". Shpg. wt., 11 lbs.

HE-941WX NO MONEY DOWN Net 189.50

ME-1070 Power supply for AF-68 and PMR-8. For 6 or 12 volts DC, or 115 volts, 50/60 cps AC. Shpg. wt., 15 lbs.

HE-942WX Net 69.50

NEW Sonar

"MONO-BANDER" SSB SINGLE BAND TRANSCEIVER

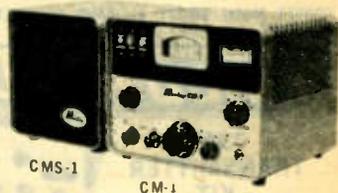


- 180 watts PEP
- Employs latest Collins mechanical filter
- VOX on push-to-talk operation

The ideal mobile or fixed station SSB transceiver for amateur or commercial application for use in the 80 - 40 - 20 - 15 or 10 meter band. Rated at 180 Watts PEP and 165 Watts input for CW, employing the latest Collins mechanical in the balanced modulator circuit. 2.1 KC. selectivity, 50 db unwanted sideband suppression and 60 db s/n Ratio. Other features are: Upper or lower sideband or CW communications; VOX or Push-to-talk AMC (Automatic Modulation Control) to prevent splatter. Receiver employs full time AVC; four way meter function: (1) "S" Meter (2) Transmitter Plate (3) Transmitter PA Grid (4) Transmitter AMC. 16 Tubes. Size: 12Wx6Hx11"D. Shpg. wt., 10 lbs.

HE-590WX "Mono-Bander" 80 Meter Band Net 395.00
 HE-591WX "Mono-Bander" 40 Meter Band Net 395.00
 HE-592WX "Mono-Bander" 20 Meter Band Net 395.00
 HE-593WX "Mono-Bander" 15 Meter Band Net 395.00
 HE-594WX "Mono-Bander" 10 Meter Band Net 395.00
 AC Power Supply For "Mono-banders" — 117VAC/220AC Net 129.95
 HE-595WX Shpg. wt., 10 lbs.
 DC Transistorized Power Supply For "Mono-banders" — 12VDC Net 149.95
 HE-596WX Shpg. wt., 10 lbs.

NEW! MOSLEY CM-1 SSB-AM-CW COMMUNICATIONS RECEIVER



- Double Conversion
- 80 Thru 10 Meters
- 1/2µV Sensitivity on 10 Meters

This new compact communications receiver provides fine receiver performance at an unusually low price. Performance and features include: • Double conversion with crystal controlled first oscillator • Diode detector for AM and product detector for SB and CW • Covers 80 meters through 10 meters • S-meter functions on AM, CW or SB, with or without BFO • Selectivity — 2.5 KC at —6 db • Sensitivity: 1/2 microvolt for 10 db signal-to-noise ratio on 10 meters • Stability: less than 500 cycles compensated and voltage regulated • Image & IF Rejection: 35 db minimum • Audio Output: 1/2 watt at 6% distortion • Tube Complement: 5 dual-purpose tubes plus 2 diodes provide functions of 12 tubes 1-6AW8A triode mixer and crystal oscillator; 1-6AW8A, 2nd mixer and tunable oscillator; 1-6AW8A, 1st IF and 1st Audio; 1-6AW8A 2nd IF and product detector; 1-6AW8A, 2nd audio and BFO; 1N34, AM detector; 2F4, power rectifier • Facilities at rear: Transmitter relay terminals, Accessory power socket, External speaker/VOX terminals • Steel enclosure finished in grey and black • Size: 10 1/2" x 7 1/2" x 8". Deep. For 117V 50/60 cycles AC operation. Power consumption is 33 watts. Shpg. wt., 24 lbs.

HE-796WX NO MONEY DOWN Net 182.70

MODEL CMS-1 Matching Speaker for above. Shpg. wt., 3 lbs.

HE-797 Net 18.95

P & H LA-400C LINEAR AMPLIFIER



800 watts PEP SSB input with 60 watts drive. Requires 30 watts for 400 watts input on CW, FM, PM; 15 watts for 200 watts linear AM. Input Impedance, 50-70 ohms. Pi-Network output matches 50-70 ohms. Distortion Products: 3rd order, —37db; 5th order, —47db. Meter reads grid drive, plate current and RF amps output. Covers all ham bands 80 thru 10 meters. Built-in power supply with 2-816's. Output tubes: 4 modified 1625's in grounded-grid circuit. Size: 9 1/2" x 15 1/4" x 11"

HE-615WX Linear amp, wired Shpg. wt., 55 lbs. Net 219.95

HE-616WX Same as above, but in Kit form Net 179.95



MINNEAPOLIS-HONEYWELL ALL-TRANSISTOR MOBILE POWER SUPPLY

- Instant Starting
- Saves Batteries

Rugged low cost mobile power supply with no moving parts for long life. Converts 12 volts from a standard battery to dual high voltage: 250 and 500 VDC. Replaces inefficient mechanical vibrators. Other SPECS: Current — 300 milliamps on 500 V tap; 200 MA on 250 V tap; Power — 150 watt maximum continuous load; Efficiency 78%; Excellent voltage regulation. 0-130°F., ambient temperature at full load. 140°F normal use. Less than 1.2V RMS ripple. Gray enamel finish. Size: 5 1/2" x 6 1/4" x 3 1/4" D. Shpg. wt., 7 lbs.

HE-569 No Money Down Net 54.95



COMMUNICATOR IV



- 6 Crystal Controlled frequencies
- Fixed and Mobile • 20 Watts Input
- Triple-Conversion Receiver • 5 Meter
- Complete VHF Station for 6, 2, or 1 1/4 Meters

A new, compact, efficient transmitter receiver combination in the tradition of the Communicator line. Operates on 2 meters (6 meter Communicator model available, see below). The Communicator IV is a complete VHF station operating within the range 143.7 to 148.3 mcs. The transmitter section features 2 watts plate input; 10 watts of audio for full "talk-power"; high level speech clipping; and a choice of 6 crystal-controlled frequencies. Triple conversion receiver plus a crystal controlled first conversion provide high stability. SENSITIVITY—0.4µv for 10DB S+N/N. Utilizes the latest frame grid VHF tubes in the RF and mixer stage. Other important features include: Adjustable squelch; "S"-meter; Noise limiter, and a full-vision, easy-to-read, calibrated dial. The built-in universal supply operates on 117 VAC and 12 VDC. Transistorized DC power supply. 1V Tubes plus Voltage Regulator and power transistors. Less mike and crystal, uses PJ-71 mike plug. Supplied with 117 VAC and 12VDC Power Cords.

HE-545WX Size: 5 1/2"Hx12 3/4"Wx10 3/4"D. Shpg. wt., 26 lbs. Net 390.00
 Same as above, except for 6 meter use. Net 368.00

**MODEL G-50
6 METER
COMMUNICATOR**



- VFO-Tuned Transmitter
- Double Conversion Receiver
- 48 Watts on 50-54 MC

A complete 6 meter station, this transceiver contains a VFO-tuned transmitter, and double conversion receiver in one compact package. Specifications: 48 watt transmitter uses a 6146, has a pi-network and calibrated VFO. Panel meter is switchable to read amplifier grid or plate currents or modulator plate current. Receiver utilizes double-conversion, also features adjustable "Squelch", an effective noise limiter, "S" meter, and built-in loudspeaker. Coverage is 50-54 mcs. Full vision dial with planetary vernier drive. Power supply is built-in. Size 13x 7 1/2"x12 1/2". Shpg. wt., 35 lbs. For 115V AC only. Net 335.50

**NEW GONSET GR-212 DUAL
CONVERSION RECEIVER**



- RECEIVES FM, SSB, DSB, CW
- ELECTRICAL BANDS SPREAD OF THE AMATEUR BANDS

A newly designed dual conversion receiver for general coverage from standard broadcast through 34 MC band including WWV, U.S. Bureau of Standards Time Signals and Shortwave. Provides the novice with superb performance at modest cost. Specifications: Frequency Range: 550 KC to 30 MC continuous in 6 bands, with electrical bandspread of amateur bands. Sensitivity: 1.0 microvolt 30% mod @ 400 CPS. Selectivity: 5 KC at 6db points. Audio Output: 3 watts. Receives AM, SSB, DSB, CW. Tubes: 6AU8, (2) 6BA6, 6AL5, 6AQ5, 6BE6, 12AX7 plus 2 Silicon diode rectifiers. Size: 8"Hx16 1/4"Wx10 1/2"D. Shpg. wt., 23 lbs. Net 110.00

HE-953WX GR-112 Net 110.00
 GONSET Model GR-211 ALL-BAND RECEIVER. 4 bands. HE-952WX (Not Illus.) Shpg. wt., 22 lbs. Net 73.50



MODEL G-76

- 80 Thru 6 Meter Transceiver

A compact mobile transceiver covering 80 thru 6 meters with 100 watts on AM phone. This unit replaces the popular G-66 and G-77 combination. Transmitter features VFO control on 80 thru 10 meters with a full 120 watts CW and 100 watts AM input. Crystal control is employed on the 6 meter band for maximum stability. The pi-network output and illuminated meter make tuning simple. Comes for push-to-talk operation. The receiver is a dual conversion superhet design, with IF's at 2065 KC and 262 KC. Coverage of all 6 bands (80-6 meters). Built-in BFO, noise limiter, and S-meter. Sensitivity 1µv for 10 db S+N to N Ratio. Comes less power supply. Size 12 1/2"Wx5Hx10 1/2"D. Shpg. wt., 27 lbs. Net 419.50

HE-540WX Net 419.50
 12 Volt DC Transistorized power supply. Shpg. wt., 6 lbs.
 HE-541WX Net 152.75
 117 Volt AC Power Supply. Shpg. wt., 6 lbs.
 HE-542WX Net 152.75

**NEW GSB-201
RF LINEAR AMPLIFIER**

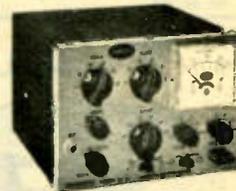


- 1500 Watts P.E.P.
- Extremely Compact
- Grounded Grid Circuitry

High power grounded grid linear in a really small package—only 8 1/2" high x 12 3/4" wide x 17" deep. Input is 1500 watts PEP on SSB, 1000 watts on CW, and 400 watts on AM. Can be driven by exciters in the 65-150 watt category. Four low-replacement-cost 811A tubes are used in the bandswitching pi network final on 80, 40, 20, 15 and 10 meters. Built-in HV and bias supplies (long life silicon diodes in HV supply). All control leads from amplifier are shielded and filtered to minimize TVI. Complete with built-in antenna relay. Net 419.50

**AMECO MODEL TX-86K
80 THRU 6 METER
TRANSMITTER
KIT**

- 90 Watts On CW, 90 Watts Peak on Phone
- Final Operates "Straight-Thru" on All Bands
- Pi Network Output



A versatile phone and CW transmitter kit for the novice, technician, and experienced amateur. The TX-86 covers 80 thru 6 meters with a powerful 90 watts CW and 90 watts peak input on phone. Contains many features found only in transmitters costing many times more: Audio Gain Control; Potentiometer drive control; push-to-talk microphone jack; and a pi-network output to match antennas from 35 to 600 ohms. The 6146 Final Amplifier works "straight-thru" on all bands, eliminating troublesome doubling in the final. Switch allows choice of transmitter's crystal controlled oscillator or an external VFO. Comes less power supply. (See below). Size 5Hx7Wx7"D. Shpg. wt., 6 lbs. Net 89.95

HE-388WX Kit. For 12 volt filament Net 89.95
 MODEL TX-86. Completely wired and tested. For 12 volt filament. Net 119.95
 HE-389WX Net 119.95
 AMECO POWER SUPPLY, MODEL PS-3. An AC power supply that provides all the power requirements for the TX-86. Provides—12.6 volts at 3 amps; 300 volts at 100ma; and 600 volts at 150ma. Silicon rectifiers for excellent voltage regulation. Can be used to power the TX-86 in addition to other accessories. Size 7Hx4Wx9"D. Shpg. wt., 14 lbs. Net 44.05
 HE-390 Factory Wired & Tested Net 44.05

**AMECO AC-IT AMATEUR
TRANSMITTER KIT**

- IDEAL FOR NOVICE
- SELF CONTAINED

The ideal unit for beginner or novice. Contains transformer powered AC power supply. Uses a Pi-network output circuit to load random length wire antenna. No antenna tuner required. Has full 15 watt input on 40 and 80 meters. Easy to build and operate. Complete with punched chassis, all parts, tubes (6V6 and 6X5) and instructions. Shpg. wt., 8 lbs. Net 19.55
 HE-394 Transmitter Kit Net 19.55
 HE-395 CK1 extra coil kit Net .73

EICO AMATEUR EQUIPMENT

**720K
TRANSMITTER
KIT**



Brand new 90 watt band switching rig for 80 through 10 meters. Features a 6146 Final amplifier for 90 watts CW input, up to 65 watts phone with external modulation. 6AQ5 clamper tube protects final in case of loss of excitation. Variable pitch Pi-net output matches 50-1000 ohm loads. Oscillator keying permits full break-in operation. Panel meter indicates exact operating currents and helps in tuning up. Its "novice limit" calibration safeguards the novice against exceeding the 75 watt power limit. Tubes: 6CL6 Colpitts oscillator, 6AQ5 buffer-multiplier, 6146 final amplifier, 6AQ5 clamper, and GZ34 rectifier. Copper plated chassis, ceramic switches, ingenious metal case with complete shielding. 5Hx15Wx9 1/2"D. Shpg. wt., 27 lbs. With all parts and instructions. Net 79.95

HE-310WX Kit Net 79.95
 MODEL 720 above factory wired. Net 119.95
 HE-311WX Net 119.95



**EICO 730K
MODULATOR
KIT**

Completely new high level class B modulator for phone operation, delivering 50 watts of audio to plate modulate the Eico 720 transmitter or any other transmitter up to 100 watts. Multi-match output transformer matches 500-10,000 ohm loads, low level clipping and filtering for top modulation, built-in over-modulation indicator. Inputs for crystal or dynamic mike, phone patch, etc. Uses ECC83/12AX7, 6AL5, 6AN8, 2-EL34/6CA7, EM84, GZ34, 117V 60 cycles, 150 watts. 6x14x 8". Shpg. wt., 21 lbs. Net 49.95
 HE-312WX Kit Net 49.95
 HE-313WX Model 730, factory wired and tested Net 79.95
 HE-314 Model E5 cover for 730 Wt., 5 lbs. Net 4.50



**MODEL
723 CW
TRANSMITTER**

Compact CW transmitter ideal for the novice or for the advanced ham requiring a low-power, stand-by rig. 60 watts input to a rugged 6D06GB neutralized final on CW; external plate modulation terminals permit use as an AM phone transmitter of up to 50 watts input. Oscillator keying for break-in operation. Features a one-knob band-switch covering 80, 40, 20, 15, and 10 meters, and a one-knob power-tune-operate switch. Output pi-network. Panel meter can be switched into either grid or plate circuit of final. Rear apron load switch inserts extra capacity for low Z loads on 80 and 40 meters. Modulator/accessory socket for modulator input, antenna relay. VFO power take-off, and emergency power input. Effective TVI suppression through filtering and by-passing. Size: 6x8 1/2x9". Shpg. wt., 15 lbs. Net 49.95
 HE-323WX Kit Net 49.95
 HE-324WX Model 723, factory wired and tested Net 79.95

EICO 710K GRID DIP METER

Transformer-operated, versatile grid-dip meter small enough for single-hand use. Internal oscillator covers 300 KC to 250 MC in 7 overlapping ranges. Phone jack on panel permits listening to external signals; panel switch permits using the grid-dip meter as a tuned diode detector. Features sensitive meter, large calibrated scales, planetary drive tuning. 2 1/4"x2 1/4"x6 7/8". Shpg. wt., 4 lbs. Net 29.95
 HE-315 Kit Net 29.95
 HE-316 Model 710, factory wired and tested Net 49.95



SPECIAL PURPOSE RECEIVERS and CONVERTERS

MONITORADIO

FM FIXED and MOBILE RECEIVERS



**MONITORADIO
FM
RECEIVERS**

Highly sensitive FM receivers for police, fire, forestry, taxi, civil defense, marine and industrial applications. Receivers are quality built for long life and dependable trouble-free service. Features sensitive superheterodyne circuit, built-in 4" speaker, and minimum noise under "no-signal" conditions. Specifications: PR-35 covers 30-50 MC. PR-155 covers 152-174 MC. Sensitivity: 10 Microvolts for ± 5 KC deviation; Selectivity: 100 KC. For 117 V AC or DC. Size: 9 $\frac{1}{2}$ x6x5 $\frac{1}{2}$ ". Shpg. wt., 6 lbs.

PR-35 FM Receiver; Covers 30-50MC

ME-282 Net 54.50

PR-155 FM Receiver, Covers 152-174MC.

ME-283

MONITORADIO FIXED FM RECEIVERS



Extra sensitive FM receivers for police and fire departments, Civil Defense, and industry use. Ideal for any type

of fixed or portable application. Sensitivity of 4 μ v or less for full 20 db quieting. Built-in squelch eliminates noise between transmissions. Built-in 5" speaker, .8 watt output. Two-tone metal cabinet 11 $\frac{1}{4}$ x7 $\frac{1}{2}$ x6 $\frac{1}{2}$ ". For 105-125 volts 60 cycle AC only. Shpg. wt., 15 lbs.

MODEL MR-10 tunable FM receiver for 152-174 MC band.

ME-270WX Net 72.50

MODEL MRC-10 crystal-controlled FM receiver for 152-174 MC band. Shipped from factory with crystal installed and adjusted. Specify exact frequency desired. Wt. 15 lbs.

ME-271WX Net 79.95

MODEL CA-2 antenna for MR-10 and MRC-10 receivers.

ME-272 Shpg. wt., 1 lb. Net 5.95

MODEL MR-33 tunable FM receiver for 30-50 MC band.

ME-273WX Shpg. wt., 15 lbs. Net 72.50

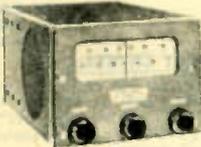
MODEL MRC-33 crystal-controlled FM receiver, for 30-50 MC band. Shipped from factory with crystal installed and adjusted. Specify exact frequency desired. Shpg. wt., 15 lbs.

ME-274WX Net 79.95

MODEL M-80LR Window Mount Antenna for 30-50 MC

ME-959W Shpg. wt., 3 lbs. Net 7.35

MONITORADIO MOBILE FM RECEIVERS



High quality mobile receivers for governmental, municipal and industrial uses. These tunable receivers cover

the entire FM communications bands with excellent sensitivity. 10 tube circuit features a fully tuned RF amplifier, dual conversion, and two stages of limiting followed by the discriminator. Power output is .8 watts, built-in 4" speaker. For 12v. DC 3.9 amperes. Housed in attractive cabinet, only 4 $\frac{1}{2}$ x6 $\frac{1}{2}$ x8 $\frac{1}{2}$ ". Shpg. wt., 10 lbs.

MODEL M-40 Mobile FM receiver for 30-50 MC band.

Sensitivity 2 μ v for 20 db quieting. Net 103.55

ME-278WX

MODEL MC-40 Same as above, but crystal-controlled.

ME-279WX Net 122.95

MODEL M-160 Mobile FM receiver for the 152-174 MC bands.

Sensitivity 4 μ v for 20 db quieting. Net 103.55

ME-280WY

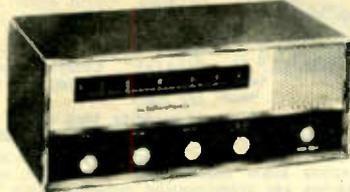
MODEL MC-160 Same as above, but crystal-controlled.

ME-281WX Net 122.95

* Specify Frequency for MC Models

NOTE: Crystal-controlled Receivers must be ordered special and are subject to a 4 to 5 weeks delivery delay.

hallicrafters



CRX-1

- TRIPLE CONVERSION • ADJUSTABLE SQUELCH
- SPLIT CHANNEL, NARROW BAND FM OPERATION
- MANUAL TUNING OR 2 FIXED CHANNELS

CRX-1 30-50 MC BASE STATION RECEIVER

The CRX-1 is a triple conversion, split channel, narrow band FM receiver for 30-50 Mc. Manual 2-speed vernier tuning or 2 crystal-controlled channels. Incorporates adjustable squelch. Sensitivity: one microvolt to open squelch, two microvolts for quieting. Receiver includes built-in speaker and transformer-operated power supply. For 105-125 V., 50/60 cps. Gray steel cabinet with silver trim. 13 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x8 $\frac{3}{4}$ "D. Shpg. wt., 15 lbs.

ME-132WX Net 99.95

CRX-2—Same as CRX-1 except 151-174 MC

Base Station receiver. Shpg. wt., 15 lbs.

ME-133WX Net 109.95

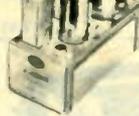
CRX-3—Dual conversion AM receiver for the 108-135

MC aircraft band. 13 $\frac{1}{2}$ "x8"x5 $\frac{3}{4}$ ". Shpg. wt., 15 lbs.

ME-134WX Net 94.94

FIXED and MOBILE CONVERTER KITS

AMECO 6-METER BROADBAND CONVERTER KIT



MODEL CB-6K

Now you can convert any receiver to cover the 6 meter band. Crystal controlled. Utilizes a 6U8A mixer-oscillator, a 6BS8 cascade RF amplifier and specially designed transformers. High sensitivity. Noise fig-

ure — better than 4 db. IF rejection — over 100 db. Housed in 2 piece satin finished copper chassis. WILL NOT BECOME OBSOLETE, since the IF output can be easily changed to match any receiver. Size 4x2 $\frac{1}{2}$ x5". Comes less power supply. Complete with tubes, crystal for 7-11 MC or 14-18 MC IF output, and instructions. Shpg. wt., 1 lb.

ME-385 (Specify IF output) Net 19.55

ME-386 CB-6Wabeve wired Net 26.95

AMECO CB-2K 2 METER BROADBAND CONVERTER KIT

Similar to CB-6K except for 2 meter band. Utilizes 3 tubes for optimum performance. 6E8H high gain, low noise, cascade first RF amplifier; 6U8A second RF amplifier and mixer, and 6J6 oscillator/multiplier. Crystal controlled for stable performance. Over 30 db gain. Comes less power supply but with tubes, crystal for 7-11 or 14-18 mc output, and instructions. Size 4x2 $\frac{1}{2}$ x5". Shpg. wt., 1 lb.

ME-391 (Please specify IF output) Net 23.47

ME-392 CB-2W Wired and Tested Net 33.27

AMECO PS-1 POWER SUPPLY

Housed in an attractive 2-piece Satin copper chassis that matches the CB-6 and CB-2. Supplies 125 volts DC at 50 ma and 6.3 volts AC at 2A. May be used to power CB-6, CB-2, and other accessories around the ham shack. Shpg. wt., 6 lbs.

ME-387 Wired and tested Net 11.27

TRANSISTORIZED ALL-BAND CONVERTER MODEL CMA

• Mobile or Fixed Station Use
A crystal controlled, transistorized, all band converter that can receive signals between 1.8 and 174 MC. Includes CB, police, fire, business, aviation, marine, etc.

Can be operated from a car battery or internal battery. Better than one μ v sensitivity on all bands. Tuned RF stage for maximum image and spurious rejection. Crystal used cover a spread of 1 MC. 3 $\frac{3}{4}$ Hx6Wx6 $\frac{3}{4}$ "D. Wt., 4 lbs.

ME-868 Less crystal, wired and tested Net 54.95

Crystals for Model CMA—Specify frequency desired—

delivery approx. 3 weeks. Net 5.50

ME-869



MARINE CONVERTER



MODEL 3163

Model 3163. Operates in conjunction with your present auto radio. Frequency range 1600 to 3000 kc. which includes various ship-to-shore and ship-to-ship services. Also covered are frequencies used by Coast Guard, Weather, Time, Conelrad, etc. Installation is simple. Size 3 $\frac{1}{2}$ x4x4". For 12 volt battery system only. ME-505 Shpg. wt., 5 lbs. Net 38.50

NEW AMECO NUVISTOR VHF CONVERTER KITS FOR 50 MC, 144 MC, 220 MC BANOS

Extremely sensitive converters employing 3 Nuvistors for minimal noise. Average gain is 50 db. with noise figures of 2.5 db — 50 Mc, 3.0 db — 144 Mc., 4.0 db. — 220 Mc. Spurious rejection more than 70 db. Tubes: first RF 6CW4, second RF 6CW4, mixer 6CW4, oscillator 6J6. Gain control provided. Power requirements: 100-150 V., @ 30 ma. and 6.3 VAC @ 1a. Satin finished copper chassis. Size 2x2 $\frac{1}{2}$ x6 $\frac{3}{4}$ ". Shpg. wt., 3 lbs.

| Stock No. | Type No. | Meters | Net Each |
|-----------|--------------|--------------------------|----------|
| ME-860 | CN-50 Kit | 6 (50 Mc) | 34.25 |
| ME-861 | CN-50 Wired | 6 (50 Mc) | 48.95 |
| ME-862 | CN-220 Kit | 1 $\frac{1}{4}$ (220 Mc) | 34.25 |
| ME-863 | CN-220 Wired | 1 $\frac{1}{4}$ (220 Mc) | 48.95 |
| ME-864 | CN-144 Kit | 2 (144 Mc) | 34.25 |
| ME-865 | CN-144 Wired | 2 (144 Mc) | 48.95 |

NEW! AMECO

MODEL PV NUVISTOR

VHF PREAMPLIFIERS

Designed for either 50, 144 or 220 Mc, a Model PV Nuvistor preamplifier can be used ahead of a receiver or converter to improve the gain and noise figure considerably. Unit employs a completely neutralized 6CW4 Nuvistor, for a gain of over 20 db and a noise figure of 2.5 db at 50 Mc, 3.0 db at 144 Mc, and 4.0 db at 220 Mc. Completely wired and tested, requires 100-150 VDC at 8 ma and 6.3 volts at .13 amps, AC or DC. Only 2 $\frac{1}{2}$ x3 $\frac{1}{2}$ x7". Shpg. wt., 2 lbs.

ME-403 PV-50, for 50 Mc Net 13.67

ME-404 PV-144, for 144 Mc Net 13.67

ME-405 PV-220, for 220 Mc Net 13.67

MOBILE CONVERTERS



CLB



CHT

• For Ham, Citizens Band, Police, Fire, Marine, Aviation, Business Bands, etc. From 2 MC to 17MC. Works into Broadcast receivers.

MODEL CLB LOW-BAND CONVERTER

A crystal controlled converter that can cover any specified frequency or band from 2 to 54 MC Unit uses a 6E6K rf amp, and a 12AD6 mixer/osc. $\frac{1}{4}$ μ v sensitivity. Uses the car's 12 volt battery supply. All you have to do is plug the antenna into the converter. Size: 3 $\frac{1}{2}$ Hx2 $\frac{1}{2}$ Wx3 $\frac{1}{2}$ D. Shpg. wt., 1 $\frac{1}{2}$ lbs.

ME-853 Model CLB for 6 Meters Net 24.45

ME-854 Model CLB for Citizens Band Net 24.45

*ME-855 Model CLB for any other frequency from 2 to 54 MC. Specify frequency Net 25.43

MODEL CHT HIGH BAND TRANSISTORIZED CONVERTER

Model CHT will convert any single frequency or band of frequencies between 108 and 175 MC down to the broadcast band. Uses 3 high quality transistors and a diode and has a $\frac{1}{2}$ microvolt sensitivity. Can be operated from the car's battery or from an internal battery. Model CHT can be used for fixed or mobile operation and works into any broadcast band radio including pocket transistor sets. Size 2 $\frac{1}{2}$ Hx2 $\frac{1}{2}$ Wx6 $\frac{1}{2}$ D. Shpg. wt., 2 lbs.

ME-866 Model CHT for 2 meter Ham Band. Net 35.26

*ME-867 Model CHT for any other frequency from 108 to 175 MC. Specify frequency Net 35.23

*On special order and subject to 3 weeks delivery.

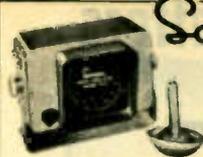
SELECTED MARINE EQUIPMENT



Sonar
MODEL 30

TRANSISTORIZED 35 WATT RADIO TELEPHONE

Features 6 marine channels in the 2000-6000 Kc range plus tunable standard broadcast band. High level class "B" modulation controlled to 100%; high level speech limiter. Push-pull power supply over 80% efficient—low battery drain. Front panel tuning with antenna RF indicator. Harmonic attenuation exceeds FCC requirements. Receiver RF sensitivity control. Provisions for remote control. All aluminum, non-magnetic construction treated against effects of salt water and fungus—installs in any position. Comes Supplied with 3 pairs of crystals, plug-in push-to-talk mike, and power cable. 12 volts only. Size: 13½" L x 10¾" W x 6¼" H.
HE-368WX Shpg. wt., 15 lbs. Net 299.95
MODEL 75. 75-watt transistORIZED marine radio telephone. Includes transmitter, receiver, power supply, microphone. 13½"x10¾"x6¼". Shpg. wt., 19 lbs.
HE-369WX Net 479.50
MODEL 50. Same as Model 75 but with 55 watt input. Includes 3 pairs of crystals. Shpg. wt., 19 lbs.
HE-371WX Net 379.50



Sonar
D-120B DEPTH INDICATOR

Accurate, rugged depth indicator, measuring from 1 to 250 feet. Easily installed, requires 6 or 12 VDC. Size: 9½"x7"x6". Complete with transducer, gimbal and fairing block.

MODEL D-120B for bulkhead mounting. Shpg. wt., 10 lbs. Net 139.50
HE-356WX Specify 6 or 12 volts
MODEL D-125 DEPTH ALARM. Same as above with automatic safety alarm added. Alarm sounds off when boat reaches any predetermined minimum depth. Shpg. wt., 12 lbs.
HE-358WX Specify 6 or 12 volts Net 198.50
MODEL D-600. Deep sea version of model D-120B. Reads 0-600 feet. 11¾"x7½"x7½". Shpg. wt., 10 lbs.
HE-359WX Specify 6 or 12 volts Net 249.50

SONAR ACCESSORIES

Pair of Matched Crystals for Marine Band Radio-Television Models. Specify Frequency. Shpg. wt., 2 oz.
HE-364 Net pair 10.00
Model-UR Remote Control Station. Shpg. wt., 4 lbs. Net 34.95
HE-370

PACO MODEL DF-90 TRANSISTORIZED DEPTH FINDER KIT

- 5 Transistors
- Range 0 to 120 Feet
- In Kit Form
- Fully Self-Contained and Portable



The DF-90 has a high intensity indicator for sensitive, accurate response under all conditions, and easy-to-read dial with over-sized scale calibrated at 1 ft. intervals. Full polarity protection safeguards transistors. Hermetically sealed barium titanate type transducer can be hull or transom mounted. All aluminum construction. May be operated from ship's power source or from self-contained batteries (included). Size: 7x6x5¼". Shpg. wt., 9 lbs.

HE-910WX Kit Form Net 84.50
HE-911WX Factory Wired Net 135.50
BA-113 Replacement Batteries (2 req.) Net ea. 1.15

HAMMARLUND RDF-10 RADIO DIRECTION FINDER

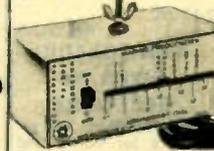


Accurate Radio Fixes for Every Craft

- 3 Bands — Marine, Broadcast and Beacon
- 10 Transistor Circuitry
- Self-Contained Battery Power Supply

The Hammarlund RDF provides all 3 necessary radio bands — standard broadcast, marine band and beacon band. The self-contained power supply operates on six flashlight cells (not incl.). Features a built-in, automatic circuit that protects the transistors should batteries be inserted incorrectly. Battery drain less than average flashlight bulb. Directional antenna controlled by front panel knob. Sensing antenna effect results in single sharp lobe for directional antenna. No installation required. Size: 8½"x11"x9". Shpg. wt., 12 lbs.
HE-173WX Less Batteries Net 179.50
BA-156 Burgess #1 Battery (6 req.) Net ea. .13

HARTMAN SHIP-TO-AUTO ALL TRANSISTOR CONVERTER



- Ship-to-Ship Broadcast
- Marine Telephone
- WWV • Coast Guard (weather)
- Ship-to-Shore Conversations

ONLY 1995

Now you can listen to marine broadcasts on your car radio. A flick of the switch and your auto radio becomes a powerful long range marine receiver. Switch back and it plays the normal broadcast band. All transistor circuitry uses only 1/2000 of an amp from built-in battery; virtually the batteries entire shelf life. Converter selects any frequency between 2000 KC and 3000 KC. Operates with either 6V or 12V automobile ignition system. Shpg. wt., 3 lbs.
HE-646 Net 19.95

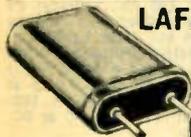
Sonar

MODEL D-60 TRANSISTOR DEPTH INDICATOR



Fully transistORIZED, can be installed anywhere in any size boat. Reads up to 120 feet on two revolutions (1-60 ft. on 360° scale; 1 ft. calibrations). A valuable aid in finding fish in salt or fresh water; in navigating through shallow waters; in spotting wrecks, obstructions, types of bottom. Constructed of aluminum, non-magnetic salt water spray-resistant case. Complete with transducer and gimbal. Operates from battery or 6 or 12 volt source. Measures 5½"x5½"x6"D. Shpg. wt., 2½ lbs.
HE-366WX Specify 6 or 12 volt. Net 114.95

SELECTED CB, AMATEUR & SPECIAL APPLICATION CRYSTALS



LAFAYETTE CLASS D CITIZENS BAND TRANSMIT CRYSTALS

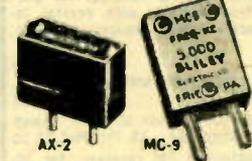
As Low As **1.95**

For Popular CB Transceivers
 Extremely accurate 3rd overtone crystals. Meet F.C.C. tolerance requirements of .005%. For use as transmit crystal for the following popular 11 meter CB transceivers:

| | |
|--------------------|------------------|
| LAFAYETTE HE15A | HEATH CB1 |
| LAFAYETTE HE15B | HEATH GW10 |
| LAFAYETTE HE20A | LASALLE LA-101 |
| LAFAYETTE HE20B | MIRATEL CR117 |
| LAFAYETTE HE20C | PHILMORE TC-90 |
| LAFAYETTE HE29A | RAOSDN RT70A |
| LAFAYETTE HE29B | RAY JEFFERSON |
| BROWNING S-9 | RCA MARK VII |
| EICD 772 | SHELL CB-12 |
| GEN. RAD. MC1 | SONAR MODEL "0" |
| GEN. RAD. MC2 | TEL-RAD |
| GEN. RAD. MC3 | UTICA MC27 |
| GLOBE CB100 | WESTRON 909 |
| GLOBE CB100A | WORLD RADIO ECBK |
| HAMMARLUND HQ10STR | DEWALD TR910 |
| JOHNSON VIKING | |

LAFAYETTE 27 MC CITIZENS BAND CRYSTALS FOR POPULAR CB TRANSCIVERS

Selected Lafayette Receive and Transmit Crystals
 Transmit crystals for Lafayette HE-15B, HE-20A, HE-20B, HE-20C, HE-29A, HE-29B; RCA Mark VII, E. F. Johnson Messengers
HE-830 (Specify Freq.) Net 2.25
 Transmit Crystal for Vocaline ED27M and ED276
HE-255L (Specify Freq.) Net 2.25
 Receive crystal for Lafayette HE-20, RCA Mark VII
HE-22 (Specify Freq.) Net 2.25
 Receive Crystals for E. F. Johnson Messengers
HE-833L (Specify Freq.) Net 2.25
 Selected Lafayette Matched Crystals (Receive/Transmit)
 For Gonset G14 Transceiver Net 4.50
HE-538L (Specify Freq.)
 For Polytronics PC11G Transceiver Net 4.50
HE-297L (Specify Freq.)
 For Osborne 300 (all transistORIZED) CB Transceiver Net 4.50
HE-831L (Specify Freq.)
 For Sonar Model E Net 4.50
HE-832L (Specify Freq.) Net 4.50

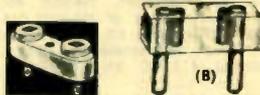


BLILEY AMATEUR CRYSTALS

Type AX-2. Most popular with hams. Acid-etched quartz. Stainless steel electrodes. Pin size: .093" spaced .486". Tolerance ± 500 cycles at designated frequency except 14-14.5mc ± 10kc. Will supply within 5kc (except * within 30kc.) Specify frequency desired when ordering.
 Av. shpg. wt., 2 oz. (Allow 3 weeks for delivery)
HP-180 3500-4000kc Net 2.89
HP-181 7000-7425kc Net 2.89
HP-182 8000-9000kc Net 2.89
HP-183* 14-14.5mc Net 3.87

BLILEY ALIGNMENT CRYSTAL

Type MC-9. Suggested primarily for use in Signal Generators and for test equipment such as FM and IF marker generators. Size: 1¼"x1¼"x¾". Pin size .093" spaced .486". The plug-in type holder is gasket sealed for optimum protection against moisture.
HP-184 5000 kc .02% Net 3.87



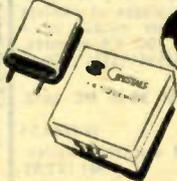
CRYSTAL SOCKETS

(A) **NATIONAL SOCKETS (A)**
 These Statite insulated sockets will strongly hold the crystal contacts. Can be used for chassis or for panel mounting. The bushing will project through a round hole in panel. Av. shpg. wt., 2 oz.

| Stock No. | Type | Pin | Spacing | Each |
|-----------|------|-------|---------|------|
| HP-156 | CS-8 | .125" | .750" | .35 |
| HP-154 | CS-6 | .095" | .486" | .35 |
| HP-153 | CS-5 | .125" | .500" | .35 |
| HP-155 | CS-7 | .050" | .486" | .35 |

MOSLEY CRYSTAL HOLDER ADAPTORS (B)

Mosley 5-75 adapts ½" spaced holder to ¾" spacing. Shpg. wt., 2 ozs.
MS-320 Net .34
 Mosley 75-5 adapts ¾" spaced holder to socket with ½" spacing to octal socket. Shpg. wt., 2 ozs.
MS-321 Net .34



JAMES KNIGHTS CRYSTALS

Special Application Crystals
 For Oscillators with low crystal currents. Type H-173, HC-6/U. Pin, Dia. .050". Pin Spacing .486"—Specify Frequency. (Allow 30 days for delivery).
HE-755L 21-40 MC Supplied within .01% Net 4.95
HE-756L 40-75 MC Supplied within ± .01% Net 5.95
T.V. and Marker Crystals. Calibrated ± .005%
 Type 4173 (HC-6U) Pin Dia. .050" Spacing .486" for 1000KC
HE-834L Net 7.95
 Type H17 (HC-6/U) Pin, Dia. .050" Spacing .486" for 4.5 MC
HE-757L Net 4.95

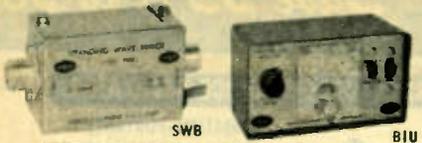
Pin spacing, .486" pin diam., .050". Frequencies available:
27 MC TRANSMIT CRYSTAL FREQUENCY CHART

| Channel | Meg. | Channel | Meg. | Channel | Meg. |
|---------|--------|---------|--------|---------|--------|
| 1 | 26.965 | 9 | 27.065 | 17 | 27.165 |
| 2 | 26.975 | 10 | 27.075 | 18 | 27.175 |
| 3 | 26.985 | 11 | 27.085 | 19 | 27.185 |
| 4 | 27.005 | 12 | 27.105 | 20 | 27.205 |
| 5 | 27.015 | 13 | 27.115 | 21 | 27.215 |
| 6 | 27.025 | 14 | 27.125 | 22 | 27.225 |
| 7 | 27.035 | 15 | 27.135 | 23 | 27.235 |
| 8 | 27.055 | 16 | 27.155 | | |

HE-830 Specify Channel or Frequency in lots of 3 assorted each, 1.95

LAFAYETTE CARRIES THE LARGEST SELECTION OF CITIZENS BAND CRYSTALS

LAFAYETTE FOR HAM & SHORTWAVE ACCESSORIES & PARTS



AMECO STANDING WAVE BRIDGE AND BRIDGE INDICATOR

Model SWB STANDING WAVE BRIDGE is an inductive type of bridge that is continually left in the line. Reads SWR's from 1.8 Mc. to 225 Mc. and can handle one thousand watts. Has negligible insertion loss. Contains two 50-239 UHF connectors. Size 2 1/4 x 1 3/4 x 4 1/2". Wired and tested. Shpg. wt., 2 lbs.

ME-377 Standing Wave Bridge Net 9.95

Model BIU BRIDGE INDICATOR UNIT contains a 100 microamp 2 1/4" square American-made D'Arsonval meter that reads in SWR, percentage power and percentage voltage (three scales). Switching provides for reading of any one of two bridges. Satin finished copper panel and charcoal grey cabinet. Size: 2 1/4 x 5 1/2 x 3".

ME-378 Indicator Unit Shpg. wt., 2 lbs. Net 15.95

"ON THE AIR" ILLUMINATION SIGN



Flip to transmit and the sign tells them you're "On The Air." Snap-out back plate for easy accessibility. Durable baked black finish

in heavy gauge steel. 110V, AC. Size: 10 1/2" L, 3 1/2" H, 3" D. Shpg. wt., 6 lbs.

ME-645 Net 6.95



AMECO CODE PRACTICE OSCILLATOR

- VARIABLE TONE CONTROL
- IN KIT OR WIRED FORM

This Code Practice Oscillator, for 110 volts AC or DC, with built-in 4 inch speaker, produces a pure, steady tone. It can take a large number of headphones or keys. The oscillator is easily converted to an excellent c.w. monitor. With tubes shpg. wt., 3 lbs.

ME-400 MODEL CPS-KT. Kit Net 13.47

ME-401 MODEL CPS-WT. Factory wired Net 14.65



New! CODOME AUTOMATIC MORSE CODE INSTRUCTION MACHINE FOR THE NOVICE

The CODOME and its accompanying manual provide all the materials necessary to prepare the beginner for his Novice class amateur license examination. The machine itself sends groups of letters and numbers automatically, in random order. Built-in key permits the student to develop his sending technique in step with his receiving technique. As each group of characters is being practiced, the student is introduced, by means of the accompanying manual, to the basic concepts of electricity and radio, and to the FCC regulations pertinent to amateur communications. Each code group has a corresponding lesson in the manual with exam-type questions and answers. Once the code and theory are mastered, the student should have no difficulty in fulfilling the Novice requirements. For 117 VAC. 2 1/4 x 5 1/4 x 6 3/4".

ME-696 Shpg. wt., 2 1/2 lbs. Net 17.95



R. L. DRAKE TVI FILTERS

FOR USE AT THE TV RECEIVER

TV-300HP—Cuts off below 52 mcs. for 300 Ω line. TS-150 Net 3.89

TV-72HP as above, but for 72 Ω line. TS-311 Net 3.89

TV-300HP (RCA plug-in) for RCA receivers. TS-312 Net 3.89

FOR USE AT THE TRANSMITTER

TV-100LP Attenuates above 54 mc. Handles 100 watts 6-160 meters, 20-watts on 6 meters. For 52 ohm line. TS-313 Net 5.83

TV-1000LP as above, but handles 1 KW 6-160 meters, 200 watts on 6 meters. TS-314 Net 16.61



NEW AMECO HP-45 FILTER

High-pass TVI filter placed in the amateur and TV antenna line for attenuations of 40 db at 14 Mc and 20 db at 28 Mc. Balanced constant K circuit accepts 300 ohm twin line. Negligible insertion loss. Shpg. wt., 3 oz.

ME-402 Net ea. .93



B & W LOW PASS FILTERS

Eliminates TVI problems forever . . . 85 db attenuation throughout TV band . . . 100 db on channel 2! Completely self-contained, usable with transmitters to 1 kw, using coaxial transmission line.

ME-301 Model 425 for 52 ohm coax. Net 17.10

ME-302 Model 426 for 75 ohm coax. Net 17.10



AMECO FOLDED DIPOLE ANTENNA KITS

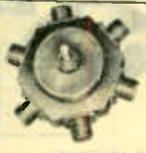
Easy-to-put-up folded dipole antennas complete with dipole, 75 ft. of lead-in wire, and connector wire. No soldering necessary, antenna handles to 300 watts of signal. Avg. shpg. wt., 4 lbs.

ME-396 Model FD-10 for 10 meters Net 3.43

ME-397 Model FD-20 for 20 meters Net 3.87

ME-398 Model FD-40 for 40 meters Net 4.85

ME-399 Model FD-80 for 80 meters Net 6.60

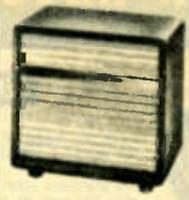


B & W 550A ANTENNA COAXIAL SWITCH

- No Loss When Switching Antennas

An inexpensive multi-position coaxial switch that eliminates the annoyance of screwing and unscrewing coaxial connections. The B & W 550A permits you to instantly select any one of five transmitters, antennas, exciters, receivers, and other r-f generating devices using 52 or 75 ohm line. The switch handles up to 1 kw of modulated power with a maximum cross-talk of -45db at 30mc.

HP-91 Shpg. wt., 2 lbs. Net 8.25



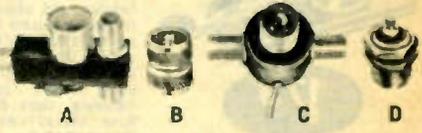
LAFAYETTE MODEL HE-11 SPEAKER FOR AMATEUR and SHORT WAVE RECEIVERS

4.95

Efficient and attractive speaker especially designed as ideal mate for communications receivers. 4" speaker housed in handsome, tapered, grey metal cabinet reduces QRN and peaks voice frequencies. Impedance 4 ohms. 7 3/4 x 5 3/4 x 4 3/4".

HE-14 Shpg. wt., 4 lbs. Net 4.95

DOW-KEY RELAYS, ANTENNA SWITCHES, CONNECTORS



MODEL DK60 COAXIAL RELAY (Fig. A)

Low-loss coaxial relay designed for dependable antenna switching. Low contact resistance with contact force at least 50 grams in transmit and 35 grams in receive position. Breakdown voltage in excess of 1000 volts rms. Insulation resistance at least 50,000 megohms. Coil impregnated with epoxy resin. Heavy phosphor bronze contact tongue with pure silver contacts. RF carrying parts are all silver plated. Adjustable connectors and inspecting port aid in contact cleaning. Body finished in blue-gray wrinkle. Size 3 3/4 x 2 3/4 x 1 1/4". Mtg. holes 6-32 clearance or 8-32 tapping. Available for 115 VAC 50-60 cycles or 120 VDC. With receiver protecting connector. Shpg. wt., 1 lb.

ME-783 DK60-G2C with 115 VAC Coil Net 15.65

ME-784 DK-60-G2C with 12VDC Coil Net 15.65

MODEL DKF2 DOUBLE MALE CONNECTOR (Fig. B)

A connector permitting coaxial relay to be mounted directly at output of transmitter. Easily secured in place. Silver plated. Shpg. wt., 8 oz.

ME-782 Net 1.25

MODEL DKCO-RFB PREAMPLIFIER (Fig. C)

A 50-70 ohm impedance matching broadband preamplifier that will substantially improve the signal to noise ratio and gain of receivers with medium or low sensitivity. Circuit employs 6CB6 low noise RF tube. It provides an overall gain of 1 to 6 "S" units (up to 36 db) in most receivers, from 1.5 to 30 megacycles. A slight gain results on frequencies up to 60 megacycles. Use for fixed or mobile installations. Powered by receiver or auxiliary filtered supply. Requires 125-175 VDC at 7 ma. for B-plus and 6.3 VAC at 3 amp for filament of 6CB6 tube. Size: 1 1/4 x 2". Shpg. wt., 12 oz.

ME-780 Net 10.75

MODEL DK60-P PANEL MOUNTING COAXIAL CONNECTOR (Fig. D)

A panel mounting coaxial connector that can be permanently installed on panel in just a few minutes, without screws. Only a single 3/16" diameter hole is required. Two serrated jam nuts hold connector securely in position. Will not loosen from frequent use. Easy to solder terminal. Shpg. wt., 6 oz.

ME-781 Net .70

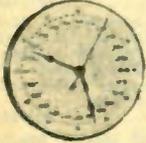
B & W MINIDUCTORS

Air wound, polystyrene insulation. Easily cut to size. All are 2" long except miniductors with 1" diameter are 3" long. Shpg. wt., 6 oz.

| 4 TURNS PER IN. | | | | 8 TURNS PER IN. | | | |
|------------------|---------|------|-----|------------------|------|-----|-----|
| DIAM. | STOCK # | TYPE | NET | STOCK # | TYPE | NET | NET |
| 1/2" | HP-75 | 3001 | .44 | HP-76 | 3002 | .44 | |
| 5/8" | HP-79 | 3005 | .53 | HP-80 | 3006 | .53 | |
| 3/4" | HP-83 | 3009 | .62 | HP-84 | 3010 | .62 | |
| 1" | HP-87 | 3013 | .68 | HP-88 | 3014 | .68 | |
| 16 TURNS PER IN. | | | | 32 TURNS PER IN. | | | |
| 1/2" | HP-77 | 3003 | .44 | HP-78 | 3004 | .44 | |
| 5/8" | HP-81 | 3007 | .53 | HP-82 | 3008 | .53 | |
| 3/4" | HP-85 | 3011 | .62 | HP-86 | 3012 | .62 | |
| 1" | HP-89 | 3015 | .68 | HP-90 | 3016 | .68 | |

VALUES IN AMATEUR CLOCKS!

24-HOUR STATION CLOCK

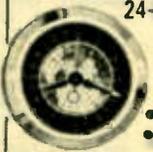


- Tell world-wide time at a glance!
- Ideal clock for amateur, short-wave listener

TD-2400, self-starting, accurate clock for telling world-wide as well as local time. Calibrated in hours, 0100 to 2400; in minutes and seconds, 1 to 60. Shows time directly in all time zones. 10" dia. For 110-120 volt, 60 cycles, A.C. Shpg. wt., 4 lbs.

ML-82—Net including excise tax 14.85

24-HOUR ELECTRIC WORLD CLOCK



- 8" Overall diameter
- Adjustable for Various Time Zones
- South Polar Projection

Self starting, accurate electric clock. Tells world-wide and local time. Calibrated in hours—1 to 24, minutes and seconds—1 to 60. Black dial with white graduations. Chrome plated case. U.L. approved. 110-120 V. 60 cyc. AC. Shpg. wt., 1 1/2 lbs.

ML-210 including excise tax Net 8.47

DESK OR WALL 24-HOUR CLOCK TIMER

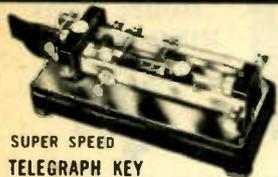


- Built-in 10 Minute Timer Control

A unique 24-hour clock which can be hung on a wall or placed on a desk. Has a built-in 10 minute timer control on front panel. South Polar Projection map of world indicates time around the world at a glance. Name plate can be personalized with operator call number. U.L. approved self-starting electric clock movement. Size 6 3/4 x 3 1/2 x 9 1/2" L.

ML-316 Shpg. wt., 10 lbs. Net 11.45

AMATEUR KEYS AND EQUIPMENT *Save 33 1/3 to 50%*

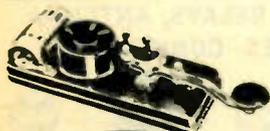


SUPER SPEED TELEGRAPH KEY

995

SEMI-AUTOMATIC "BUG"

Fully the equal of keys selling at almost twice the price! 7 adjustments for speed and comfort. Precision-tooled, anti-rust nickel-plated brass and stainless steel operating parts. Speed adjustable 10 wpm to as high as desired. 1/2" silver contacts; weight scale for reproducible speed settings. A real bargain for radio amateurs and professional CW operators! 6 7/8" L x 3 W x 2 1/4" H, exclusive of knobs and feet. Shpg. wt., 3 1/2 lbs. MS-435—Imported Net 9.95



179

LAFAYETTE SPECIAL

CODE PRACTICE SET

A budget item for the beginning amateur and code practice groups. Key has adjustable spring tension, and adjustable contact clearance. High frequency buzzer has frequency, and tension adjustment with lock nuts to assure constant frequency. There is provision for insertion of head set by means of binding posts with knurled tightening screws. For individual, group or remote listening. Uses Burgess #2 1 1/2 Volt battery. Base 6 3/4" L x 2 3/4" W x 1 3/8" D, overall length 8 1/2". Shpg. wt., 2 lbs. (less battery). Imported MS-430—Code practice set Net 1.79
BA-157—Burgess #2 Net .13
MS-369—Stethoscope Headset Net 1.39



69

LAFAYETTE SPECIAL

SAVE ON NEW TELEGRAPH KEY

Economical key for beginning amateurs. Soft, heavily chrome and nickel plated metal parts, molded phenolic base. Adjustable spring tension and adjustable metal parts, molded phenolic base. Adjustable spring tension and adjustable contact clearance. 2 mounting holes in base. Base 3 1/4" L x 1 1/4" W. Overall length 5"; height 1 3/8". Shpg. wt., 12 oz. Imported MS-319—Telegraph Key Net .69

LAFAYETTE "BRASS-POUNDER'S" KEY

- WITH BALL-BEARING PIVOTS
- SOLID POLISHED-BRASS BASE

A better quality precision-made key designed for hard usage. Spring tension and contact clearance adjustments; 3/8" silver contacts; adjustable ball-bearing pivots; Circuit closing switch. Base 3x2"; overall size 5x2 3/4x1 1/8". Shpg. wt., 1 1/2 lbs. Imported MS-428—Telegraph Key Net 1.95



195

.79

HIGH FREQUENCY CODE PRACTICE BUZZER

Adjustable frequency buzzer ideal for individual or group code practice. Perfect code item for the ham shack. Black molded phenolic housing. Works with 1 1/2 volt battery. Screw adjustment for changing tone. 1 1/8" diam. x 1 1/8" high. Shpg. wt., 6 oz. Imported MS-436—Buzzer Net .79



TELEGRAPH TRANSMITTER

And Code Practice Oscillator

Only **2.95** 2 for 4.90 4 for 8.75

- Send and receive for miles on one wire!
- Ideal for Network Practice
- For Individuals, Group, Classrooms, Hams, etc.

An ideal communications instrument that can be set up, with others, for network practice in classrooms, groups, house to house, etc. Adjustable spring tension and contact clearance. Crystal earphone—high output—lightweight. Molded Bakelite base. Lightweight, only 6 oz., yet designed to give good stability while in use. Complete with 50 ft. of wire on reel, ground spike, ground wire, earphone and Morse code sheet. Uses 1.5V battery (not included). Overall 4 1/4 x 4 1/2 x 1 1/2" high. Shpg. wt., 1 lb. Imported F-552 Telegraph Transmitter Net 2.95
BA-157 Battery for above Net .13



TAPED CODE

Pre-recorded magnetic tapes containing a complete course in the International Morse Code. The tapes are 7 1/2" 1200 ft. and can be played on any standard tape recorder. Playing time 2 hours per tape. Shpg. wt., 1 1/2 lbs. NOVICE Basic Instructions & code 4-8 WPM. RT-14 Net 6.35
ADVANCED Code at 9-18 WPM. RT-15 Net 5.39



TRANSISTORIZED CODE PRACTICE OSCILLATOR



- MINIATURE-PORTABLE
- SELF CONTAINED BATTERY POWER SUPPLY
- PRODUCES CLEAR, CRISP, CW NOTE

Here is an ideal, inexpensive code practice oscillator for the amateur radio enthusiast. Long 38 inch wire from oscillator to earpiece, allows two persons to practice without interference. The unit is completely portable, and weighs only 6 oz. Tone produced is clear and crisp, similar to that received during F.C.C. licensing examinations. Low voltage transistorized circuit utilize 1.5 volt penlight type battery which completely eliminates any possible shock hazard. Earpiece is crystal type, and housed in sanitary plastic. Shpg. wt., 5 oz. Imported F-429 Oscillator only Net 2.29



229

CODE PRACTICE OSCILLATOR WITH KEY

Above oscillator plus adjustable telegraph key (MS-319). Key has spade lug connectors, making it possible to disconnect the key from the oscillator and use it separately if desired. Shpg. wt., 9 oz. Imported F-479M Key and Oscillator Net 2.95

AMECO RECORD CODE COURSES

Fast, accurate method for learning code. JUNIOR COURSE five 45 RPM records or one 33 1/2 RPM LP, from start to 7 1/2 WPM. ADVANCED: six 45 RPM or one 33 1/2 LP, 8 1/2 to 18 WPM. SENIOR: eleven 45 RPM records or two 33 1/2 RPM LP's; from start to 18 WPM. Courses include 28-page manual with FCC type EXAMS.

| Stock No. | Course | Speed | Shpg. wt. | Net |
|-----------|----------|------------|-----------|-------|
| PR41 | Junior | 45 RPM | 2 lb | 5.95 |
| PR47 | Junior | 33 1/2 RPM | 1 lb | 4.95 |
| PR43 | Senior | 45 RPM | 4 lb | 10.50 |
| PR48 | Senior | 33 1/2 RPM | 2 lb | 9.50 |
| PR45 | Advanced | 45 RPM | 2 lb | 4.95 |
| PR49 | Advanced | 33 1/2 RPM | 1 lb | 4.95 |



Rider "Sight 'N' Sound" Code Course

New improved courses, easier than ever to learn code with Rider's "Sight 'N' Sound" method.

REC-08 NOVICE COURSE-0 to 8 WPM. 3LP records, 47 identification cards, and Instruction Book. Shpg. wt., 2 lbs. PR-90 Net 9.50
REC-920 ADVANCED COURSE — 9 to 20 WPM 3 LP records and Instruction Booklet. Shpg. wt., 2 lbs. PR-91 Net 8.95



LAFAYETTE SPECIAL CODE COURSE

Learn Morse Code the modern practical way. Supplied with 10 lessons and a non-breakable high quality 33 1/2 rpm long playing record, recorded with code sound to provide further aid. Perfect for home studying. Speed progresses steadily from 2 to 15 wpm. Complete with sturdy record album and instruction manual. Shpg. wt., 1 1/2 lbs.

10 LESSONS ON A 12" LP RECORD

350

PR-13 Lafayette Code Course Net 3.50



VIBROPLEX SEMI-AUTOMATIC KEYS

LESS CORD AND WEDGE

"Champion". Designed for a low priced Vibroplex in the radio field. Of high quality for clear, speedy and easy sending. Ideal for amateur or professional radio operators. Chromium finished top parts with black crystal base. Single lever with 2 pairs of contact points. Shpg. wt., 4 lbs. MS-715 Net 17.95



"Original". Acclaimed by veteran operators for its extremely smooth, clear, rapid, effortless and accurate operation. A rugged, well built, expertly engineered machine for all classes of transmitting work. Large contact points. Die cut dot contact. Chrome-plated mechanism. Cast-iron base. Shpg. wt., 5 lbs. MS-716 Net 22.45



Deluxe "Original". As above but jeweled bearings, chrome-plated base. Shpg. wt., 5 lbs. MS-717 Net 26.95

"Blue Racer". Very similar to the "Original", but half size. Compact and light weight. Shpg. wt., 4 lbs. MS-718 Net 22.45



"Blue Racer". Deluxe. As above but jeweled bearings. Chrome Base. Shpg. wt., 4 lbs. MS-719 Net 26.95

Cord and wedge for above. Specify model of key. MS-854 Shpg. wt., 8 oz. Net 1.75
F-479M Key and Oscillator Net 2.95



PREMIER Standard PRECISION BUILT METAL CHASSIS, CABINETS



STEEL AND ALUMINUM CHASSIS

Chassis are of one piece construction with gussets spot-welded to the bottom flanges for additional strength. Steel chassis are made of No. 20 gauge cold rolled steel, except * are no. 16 gauge. Steel chassis are finished in either Black Wrinkle ("BW") or Zinc Plated. Aluminum chassis made of No. 18 gauge (.040) aluminum except * are No. 14 gauge (.064) and have a Natural Finish.

| ZINC PLATED | | | STEEL | | | BLACK WRINKLE | | | NET | | | ALUMINUM CHASSIS | | | NET | | | | | |
|-----------------------|--------------|---------|--------------|-----------|-------|---------------|-------|-------|--------------|----------|-------|------------------|-------|-------|--------------|----------|-------|-------|-------|-------|
| Size 0 x W x H" | Stock No. | Type | Stock No. | Type | Lbs. | 1-24 | 25-49 | 50-99 | Stock No. | Type | Lbs. | 1-24 | 25-49 | 50-99 | Stock No. | Type | Lbs. | 1-24 | 25-49 | 50-99 |
| 4x6x1 1/2 | MC-318 | CH-436 | MC-319 | CH-436BW | 3/4 | 1.02 | .94 | .85 | MC-164 | ACH-436 | 1/4 | 1.07 | .98 | .88 | MC-164 | ACH-436 | 1/4 | 1.07 | .98 | .88 |
| 4x6x2 | MC-308 | CH-431 | MC-309 | CH-431BW | 1 | .99 | .91 | .82 | MC-159 | ACH-431 | 1/4 | 1.11 | 1.02 | .92 | MC-160 | ACH-432 | 1/4 | 1.30 | 1.20 | 1.08 |
| 4x6x3 | MC-310 | CH-432 | MC-311 | CH-432BW | 1 | 1.02 | .94 | .85 | MC-165 | ACH-437 | 3/8 | 1.11 | 1.02 | .92 | MC-136 | ACH-408 | 1 | 2.31 | 2.12 | 1.91 |
| 4x8x2 | MC-320 | CH-437 | MC-321 | CH-437BW | 1 | 1.05 | .96 | .86 | MC-154 | ACH-426 | 1/4 | 1.07 | .98 | .88 | MC-156 | ACH-428 | 1/4 | 1.47 | 1.35 | 1.21 |
| 4x17x3 | MC-262 | CH-408 | MC-263 | CH-408BW | 2 1/4 | 1.47 | 1.35 | 1.21 | MC-129 | ACH-401 | 3/4 | 1.49 | 1.37 | 1.23 | MC-157 | ACH-429 | 3/4 | 1.76 | 1.62 | 1.46 |
| 5x7x2 | MC-298 | CH-426 | MC-299 | CH-426BW | 1 | 1.02 | .94 | .85 | MC-128 | ACH-400 | 1/2 | 1.30 | 1.20 | 1.08 | MC-130 | ACH-402 | 1 | 2.52 | 2.31 | 2.08 |
| 5x7x3 | MC-302 | CH-428 | MC-303 | CH-428BW | 1 1/4 | 1.04 | .95 | .85 | MC-162 | ACH-434 | 1 | 2.65 | 2.43 | 2.19 | MC-131 | ACH-403 | 1/2 | 1.30 | 1.20 | 1.08 |
| 5x10x3 | MC-248 | CH-401 | MC-249 | CH-401BW | 1 1/2 | 1.26 | 1.13 | 1.02 | MC-132 | ACH-404 | 1/2 | 1.36 | 1.25 | 1.12 | MC-133 | ACH-405 | 3/4 | 1.49 | 1.37 | 1.23 |
| 5x13x3 | MC-304 | CH-429 | MC-305 | CH-429BW | 2 | 1.53 | 1.40 | 1.26 | MC-153 | ACH-425 | 7/8 | 1.61 | 1.48 | 1.33 | MC-161 | ACH-433 | 7/8 | 1.79 | 1.65 | 1.48 |
| 5 1/2 x 9 1/2 x 1 1/2 | MC-246 | CH-400 | MC-247 | CH-400BW | 1 | .89 | .82 | .74 | MC-134 | ACH-406 | 3/4 | 1.61 | 1.48 | 1.33 | MC-135 | ACH-407 | 1 1/2 | 2.83 | 2.60 | 2.34 |
| 6x14x3 | MC-250 | CH-402 | MC-251 | CH-402BW | 2 1/2 | 1.45 | 1.33 | 1.20 | MC-167 | ACH-441 | 1 | 1.65 | 1.51 | 1.36 | MC-158 | ACH-430 | 1 | 2.15 | 1.97 | 1.77 |
| 6x17x3 | MC-314 | CH-434 | MC-315 | CH-434BW | 4 | 1.72 | 1.58 | 1.42 | MC-138 | ACH-410 | 1 1/2 | 2.89 | 2.60 | 2.34 | MC-139 | ACH-411 | 1 1/2 | 2.94 | 2.70 | 2.43 |
| 7x7x2 | MC-252 | CH-403 | MC-253 | CH-403BW | 1 1/4 | 1.05 | .96 | .86 | MC-155 | ACH-427 | 1 1/4 | 2.85 | 2.62 | 2.36 | MC-140 | ACH-412 | 1 1/4 | 2.63 | 2.41 | 2.17 |
| 7x9x2 | MC-254 | CH-404 | MC-255 | CH-404BW | 1 1/2 | 1.23 | 1.13 | 1.02 | MC-141 | ACH-413 | 1 1/4 | 3.33 | 3.06 | 2.75 | MC-142 | ACH-414 | 1 1/4 | 3.19 | 2.93 | 2.64 |
| 7x11x2 | MC-256 | CH-405 | MC-257 | CH-405BW | 1 7/8 | 1.26 | 1.16 | 1.04 | MC-143 | ACH-415* | 1 7/8 | 3.58 | 3.28 | 2.95 | MC-144 | ACH-416* | 2 | 4.12 | 3.78 | 3.40 |
| 7x11x3 | MC-296 | CH-425 | MC-297 | CH-425BW | 2 1/4 | 1.37 | 1.26 | 1.13 | MC-163 | ACH-435* | 2 1/2 | 5.26 | 4.83 | 4.35 | MC-145 | ACH-417* | 1 3/4 | 3.41 | 3.13 | 2.82 |
| 7x12x3 | MC-312 | CH-433 | MC-313 | CH-433BW | 2 1/2 | 1.43 | 1.31 | 1.18 | MC-146 | ACH-418* | 2 | 4.18 | 3.84 | 3.46 | MC-147 | ACH-419* | 1 7/8 | 3.73 | 3.43 | 3.09 |
| 7x13x2 | MC-258 | CH-406 | MC-259 | CH-406BW | 2 | 1.37 | 1.26 | 1.13 | MC-148 | ACH-420* | 2 1/8 | 4.42 | 4.06 | 3.65 | MC-149 | ACH-421* | 2 7/8 | 4.88 | 4.48 | 4.03 |
| 7x15x3 | MC-260 | CH-407 | MC-261 | CH-407BW | 2 3/4 | 1.64 | 1.50 | 1.35 | MC-150 | ACH-422* | 1 7/8 | 3.94 | 3.62 | 3.26 | MC-151 | ACH-423* | 2 1/8 | 4.69 | 4.31 | 3.88 |
| 7x17x3 | MC-264 | CH-409 | MC-265 | CH-409BW | 3 1/4 | 1.79 | 1.65 | 1.48 | MC-152 | ACH-424* | 2 1/2 | 5.37 | 4.93 | 4.44 | MC-166 | ACH-438* | 3 | 10.57 | 9.71 | 8.74 |
| 8x10x2 1/2 | MC-328 | CH-441 | MC-329 | CH-441BW | 2 1/2 | 1.39 | 1.28 | 1.15 | MC-164 | ACH-435* | 2 1/2 | 5.26 | 4.83 | 4.35 | MC-146 | ACH-418* | 2 | 4.18 | 3.84 | 3.46 |
| 8x12x3 | MC-306 | CH-430 | MC-307 | CH-430BW | 2 1/2 | 1.64 | 1.50 | 1.35 | MC-147 | ACH-419* | 1 7/8 | 3.73 | 3.43 | 3.09 | MC-148 | ACH-420* | 2 1/8 | 4.42 | 4.06 | 3.65 |
| 8x17x2 | MC-266 | CH-410 | MC-267 | CH-410BW | 2 3/4 | 1.64 | 1.50 | 1.35 | MC-149 | ACH-421* | 2 7/8 | 4.88 | 4.48 | 4.03 | MC-150 | ACH-422* | 1 7/8 | 3.94 | 3.62 | 3.26 |
| 8x17x3 | MC-268 | CH-411 | MC-269 | CH-411BW | 5 1/4 | 1.79 | 1.65 | 1.48 | MC-151 | ACH-423* | 2 1/8 | 4.69 | 4.31 | 3.88 | MC-152 | ACH-424* | 2 1/2 | 5.37 | 4.93 | 4.44 |
| 8 1/2 x 15 x 3 | MC-300 | CH-427 | MC-301 | CH-427BW | 3 | 1.88 | 1.73 | 1.56 | MC-163 | ACH-435* | 2 1/2 | 5.26 | 4.83 | 4.35 | MC-147 | ACH-419* | 1 7/8 | 3.73 | 3.43 | 3.09 |
| 10x12x3 | MC-270 | CH-412 | MC-271 | CH-412BW | 2 3/4 | 1.72 | 1.58 | 1.42 | MC-145 | ACH-417* | 1 3/4 | 3.41 | 3.13 | 2.82 | MC-148 | ACH-420* | 2 1/8 | 4.42 | 4.06 | 3.65 |
| 10x14x3 | MC-272 | CH-413 | MC-273 | CH-413BW | 3 1/4 | 1.82 | 1.67 | 1.50 | MC-146 | ACH-418* | 2 | 4.18 | 3.84 | 3.46 | MC-149 | ACH-421* | 2 7/8 | 4.88 | 4.48 | 4.03 |
| 10x17x2 | MC-274 | CH-414 | MC-275 | CH-414BW | 3 3/4 | 1.88 | 1.73 | 1.56 | MC-155 | ACH-427 | 1 1/4 | 2.85 | 2.62 | 2.36 | MC-151 | ACH-423* | 2 1/8 | 4.69 | 4.31 | 3.88 |
| 10x17x3 | MC-276 | CH-415* | MC-277 | CH-415BW* | 6 | 2.12 | 1.94 | 1.75 | MC-141 | ACH-413 | 1 1/4 | 3.33 | 3.06 | 2.75 | MC-152 | ACH-424* | 2 1/2 | 5.37 | 4.93 | 4.44 |
| 10x17x4 | MC-278 | CH-416* | MC-279 | CH-416BW* | 7 1/2 | 2.34 | 2.15 | 1.93 | MC-142 | ACH-414 | 1 1/4 | 3.19 | 2.93 | 2.64 | MC-143 | ACH-415* | 1 7/8 | 3.58 | 3.28 | 2.95 |
| 10x17x5 | MC-324 | CH-439* | MC-325 | CH-439BW* | 8 1/2 | 2.83 | 2.60 | 2.34 | MC-144 | ACH-416* | 2 | 4.12 | 3.78 | 3.40 | MC-145 | ACH-417* | 1 3/4 | 3.41 | 3.13 | 2.82 |
| 10x23x3 | MC-316 | CH-435* | MC-317 | CH-435BW* | 10 | 2.69 | 2.47 | 2.22 | MC-146 | ACH-418* | 2 | 4.18 | 3.84 | 3.46 | MC-147 | ACH-419* | 1 7/8 | 3.73 | 3.43 | 3.09 |
| 11x17x2 | MC-280 | CH-417* | MC-281 | CH-417BW* | 5 1/4 | 2.57 | 2.36 | 2.12 | MC-148 | ACH-420* | 2 1/8 | 4.42 | 4.06 | 3.65 | MC-149 | ACH-421* | 2 7/8 | 4.88 | 4.48 | 4.03 |
| 11x17x3 | MC-282 | CH-418* | MC-283 | CH-418BW* | 6 1/4 | 2.81 | 2.58 | 2.32 | MC-149 | ACH-421* | 2 7/8 | 4.88 | 4.48 | 4.03 | MC-150 | ACH-422* | 1 7/8 | 3.94 | 3.62 | 3.26 |
| 12x17x2 | MC-284 | CH-419* | MC-285 | CH-419BW* | 5 | 1.95 | 1.79 | 1.61 | MC-150 | ACH-422* | 1 7/8 | 3.94 | 3.62 | 3.26 | MC-151 | ACH-423* | 2 1/8 | 4.69 | 4.31 | 3.88 |
| 12x17x3 | MC-286 | CH-420* | MC-287 | CH-420BW* | 7 | 2.35 | 2.16 | 1.94 | MC-151 | ACH-423* | 2 1/8 | 4.69 | 4.31 | 3.88 | MC-152 | ACH-424* | 2 1/2 | 5.37 | 4.93 | 4.44 |
| 12x17x4 | MC-288 | CH-421* | MC-289 | CH-421BW* | 8 1/2 | 2.57 | 2.36 | 2.12 | MC-163 | ACH-435* | 2 1/2 | 5.26 | 4.83 | 4.35 | MC-146 | ACH-418* | 2 | 4.18 | 3.84 | 3.46 |
| 13x17x2 | MC-290 | CH-422* | MC-291 | CH-422BW* | 6 | 2.81 | 2.58 | 2.32 | MC-147 | ACH-419* | 1 7/8 | 3.73 | 3.43 | 3.09 | MC-148 | ACH-420* | 2 1/8 | 4.42 | 4.06 | 3.65 |
| 13x17x3 | MC-292 | CH-423* | MC-293 | CH-423BW* | 7 | 3.24 | 2.98 | 2.68 | MC-149 | ACH-421* | 2 7/8 | 4.88 | 4.48 | 4.03 | MC-150 | ACH-422* | 1 7/8 | 3.94 | 3.62 | 3.26 |
| 13x17x4 | MC-294 | CH-424* | MC-295 | CH-424BW* | 10 | 3.70 | 3.40 | 3.06 | MC-151 | ACH-423* | 2 1/8 | 4.69 | 4.31 | 3.88 | MC-152 | ACH-424* | 2 1/2 | 5.37 | 4.93 | 4.44 |
| 13x17x5 | MC-326 | CH-440* | MC-327 | CH-440BW* | 11 | 4.17 | 3.83 | 3.45 | MC-164 | ACH-438* | 3 | 10.57 | 9.71 | 8.74 | MC-147 | ACH-419* | 1 7/8 | 3.73 | 3.43 | 3.09 |
| 17x17x4 | MC-322 | CH-438* | MC-323 | CH-438BW* | 13 | 5.31 | 4.88 | 4.39 | MC-148 | ACH-420* | 2 1/8 | 4.42 | 4.06 | 3.65 | MC-149 | ACH-421* | 2 7/8 | 4.88 | 4.48 | 4.03 |

BOTTOM PLATES

For use with above chassis. Have holes to match chassis and have 4 pressed dimples. Steel plates No. 20 gauge in Black Wrinkle or Zinc Plated. Aluminum plates No. 18 gauge (.040) natural finish. Avg. shpg. wt., 2 lbs.

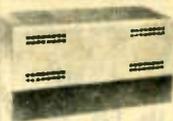
| ZINC PLATED | | | STEEL | | | BLACK WRINKLE | | | NET | | | ALUMINUM | | | NET | | | | | |
|-----------------|--------------|--------|--------------|----------|------|---------------|-------|---------|--------------|---------|------|----------|-------|---------|--------------|---------|------|------|-------|---------|
| Fits Chassis | Stock No. | Type | Stock No. | Type | Lbs. | 1-49 | 50-99 | 100-149 | Stock No. | Type | Lbs. | 1-49 | 50-99 | 100-149 | Stock No. | Type | Lbs. | 1-49 | 50-99 | 100-149 |
| 4 x 6" | MC-224 | BP-426 | MC-225 | BP-426BW | .40 | .37 | .33 | | MC-120 | ABP-426 | .85 | .78 | .70 | | MC-120 | ABP-426 | .85 | .78 | .70 | |
| 4 x 8" | MC-232 | BP-430 | MC-233 | BP-430BW | .40 | .37 | .33 | | MC-108 | ABP-408 | 1.29 | 1.19 | 1.07 | | MC-108 | ABP-408 | 1.29 | 1.19 | 1.07 | |
| 4 x 17" | MC-200 | BP-408 | MC-201 | BP-408BW | .59 | .54 | .49 | | MC-117 | ABP-423 | .85 | .78 | .70 | | MC-117 | ABP-423 | .85 | .78 | .70 | |
| 5 x 7" | MC-218 | BP-423 | MC-219 | BP-423BW | .40 | .37 | .33 | | MC-101 | ABP-401 | .85 | .78 | .70 | | MC-101 | ABP-401 | .85 | .78 | .70 | |
| 5 x 10" | MC-186 | BP-401 | MC-187 | BP-401BW | .45 | .41 | .37 | | MC-118 | ABP-424 | .97 | .89 | .80 | | MC-118 | ABP-424 | .97 | .89 | .80 | |
| 5 x 13" | MC-220 | BP-424 | MC-221 | BP-424BW | .65 | .59 | .53 | | MC-100 | ABP-400 | .85 | .78 | .70 | | MC-100 | ABP-400 | .85 | .78 | .70 | |
| 5 1/2 x 9 1/2" | MC-184 | BP-400 | MC-185 | BP-400BW | .40 | .37 | .33 | | MC-102 | ABP-402 | 1.29 | 1.19 | 1.07 | | MC-102 | ABP-402 | 1.29 | 1.19 | 1.07 | |
| 5 x 14" | MC-188 | BP-402 | MC-189 | BP-402BW | .62 | .57 | .51 | | MC-122 | ABP-428 | 1.33 | 1.22 | 1.10 | | MC-122 | ABP-428 | 1.33 | 1.22 | 1.10 | |
| 6 x 17" | MC-228 | BP-428 | MC-229 | BP-428BW | .75 | | | | | | | | | | | | | | | |



PREMIER Standard PRECISION BUILT METAL HOUSINGS

STANDARD AMPLIFIER FOUNDATIONS

Designed to meet the most critical requirements. Consists of regular chassis with ruggedly constructed metal covers. Top cover has perforations, rounded corners, and is 6" high. Finished in Gray Wrinkle. Chassis constructed of one piece with corners spot-welded. Finished in Black Wrinkle.



| Stock No. | Type | Chassis OxWxH | Lbs. | NET | | |
|-----------|---------|------------------|------|------|-------|-------|
| | | | | 1-24 | 25-49 | 50-99 |
| MC-402 | AF-510 | 5x10x3 | 9 | 4.50 | 4.13 | 3.72 |
| MC-403 | AF-615 | 6x14x3 | 10 | 5.18 | 4.76 | 4.28 |
| MC-408 | AF-1017 | 10x17x3 | 13 | 6.99 | 6.42 | 5.78 |
| MC-409 | AF-1317 | 13x17x3 | 15 | 8.41 | 7.72 | 6.95 |

ALUMINUM MINIBOXES

Two piece case made of #16 gauge (0.51) aluminum. Each section forms 3 sides. Flanges assure proper shielding. Available in variety of sizes for popular electronic devices and construction projects. Available in natural finish or grey hammertone.



| Stock No. | Size L x W x H" | Lbs. | Type | NATURAL ALUMINUM | | | GREY HAMMERTONE | | | | |
|-----------|-----------------------|-------|----------|------------------|--------|-----------|-----------------|----------|-----------|------|------|
| | | | | 1-49 | 50-100 | 100-Stock | 1-49 | 50-100 | 100-Stock | | |
| MC-358 | 2 3/4 x 2 1/4 x 1 1/2 | 1/4 | AMC-1000 | .69 | .63 | .56 | MC-375 | PMC-1000 | .77 | .71 | .64 |
| MC-359 | 3 1/4 x 2 1/4 x 1 1/2 | 1/4 | AMC-1001 | .69 | .63 | .56 | MC-376 | PMC-1001 | .77 | .71 | .64 |
| MC-360 | 4 x 2 1/4 x 1 1/2 | 3/8 | AMC-1002 | .72 | .67 | .60 | MC-377 | PMC-1002 | .81 | .75 | .67 |
| MC-361 | 4 x 2 1/4 x 2 1/4 | 3/8 | AMC-1003 | .84 | .86 | .77 | MC-378 | PMC-1003 | 1.04 | .95 | .85 |
| MC-362 | 5 x 2 1/4 x 2 1/4 | 3/8 | AMC-1004 | .97 | .89 | .80 | MC-379 | PMC-1004 | 1.07 | .98 | .88 |
| MC-363 | 5 x 4 x 3 | 1/2 | AMC-1005 | 1.15 | 1.05 | .94 | MC-380 | PMC-1005 | 1.20 | 1.11 | 1.00 |
| MC-364 | 5 1/4 x 3 x 2 1/4 | 1/2 | AMC-1006 | 1.07 | .98 | .88 | MC-381 | PMC-1006 | 1.17 | 1.07 | .95 |
| MC-365 | 6 x 5 x 4 | 1 | AMC-1007 | 1.36 | 1.25 | 1.12 | MC-382 | PMC-1007 | 1.50 | 1.38 | 1.24 |
| MC-366 | 7 x 5 x 3 | 3/4 | AMC-1008 | 1.53 | 1.40 | 1.26 | MC-383 | PMC-1008 | 1.66 | 1.52 | 1.37 |
| MC-367 | 8 x 6 x 3 1/2 | 1 1/4 | AMC-1009 | 2.26 | 2.08 | 1.87 | MC-384 | PMC-1009 | 2.40 | 2.20 | 2.08 |
| MC-368 | 10 x 6 x 3 1/2 | 1 1/2 | AMC-1010 | 2.82 | 2.59 | 2.33 | MC-385 | PMC-1010 | 2.98 | 2.71 | 2.47 |
| MC-369 | 12 x 7 x 4 | 1 3/4 | AMC-1011 | 3.17 | 2.92 | 2.63 | MC-386 | PMC-1011 | 3.50 | 3.19 | 2.87 |
| MC-370 | 17 x 5 x 4 | 2 | AMC-1012 | 3.76 | 3.46 | 3.11 | MC-387 | PMC-1012 | 4.12 | 3.78 | 3.40 |
| MC-371 | 10 x 2 x 1 1/2 | 1/2 | AMC-1013 | 1.15 | 1.05 | .94 | MC-388 | PMC-1013 | 1.20 | 1.11 | 1.00 |
| MC-372 | 12 x 2 1/2 x 2 1/4 | 3/4 | AMC-1014 | 1.50 | 1.38 | 1.24 | MC-389 | PMC-1014 | 1.62 | 1.48 | 1.33 |
| MC-373 | 4 x 2 x 2 1/4 | 1/4 | AMC-1015 | .91 | .85 | .76 | MC-390 | PMC-1015 | 1.18 | 1.08 | .97 |
| MC-374 | 4 1/4 x 2 1/4 x 1 1/2 | 1/4 | AMC-1016 | .94 | .86 | .79 | MC-391 | PMC-1016 | 1.04 | .95 | .85 |

SLOPING PANEL CABINETS

These handy cabinets have rounded top corners and a removable front panel. Back of cabinet is perforated and has opening for leads. Constructed of #20 gauge steel. Finished in Grey Wrinkle.



| Stock No. | Mfr. Type | Size HxWxD | Chassis | Lbs. | NET | | |
|-----------|-----------|---------------|---------|------|------|-------|-------|
| | | | | | 1-24 | 25-49 | 50-99 |
| MC-410 | SFC-500 | 8x8x8 | 7x7x2 | 6 | 4.17 | 3.83 | 3.45 |
| MC-411 | SFC-501 | 8x10x8 | 7x9x2 | 7 | 4.65 | 4.27 | 3.84 |
| MC-412 | SFC-502 | 8x14x8 | 7x13x2 | 8 | 4.97 | 4.56 | 4.10 |
| MC-413 | SFC-503 | 9x18x8 | 7x17x3 | 10 | 7.14 | 6.56 | 5.90 |
| MC-414 | SFC-504 | 12x18x12 | 10x17x3 | 14 | 9.11 | 8.37 | 7.53 |

DELUXE CABINET RACKS

16 Gauge steel cabinet racks. Front vertical corners are rounded and the top and bottom are trimmed with red striped chrome finished moulding. Recessed piano-type hinged door in top. Units marked * also have hinged rear door. Louvered sides and rear opening provide ventilation. Panel mounting holes tapped for 10-32 machine screws. Gussets welded at bottom of rear on types 170-350 for additional strength. All are 2 1/4" wide, 1 1/2" deep. Finished in either black or gray wrinkle. o/a = overall.



| BLACK WRINKLE Stock No. | GRAY WRINKLE Stock No. | Mfr. Type | H" | Panel Space | Lbs. | NET | | |
|-------------------------|------------------------|-----------|--------|-------------|------|-------|-------|-------|
| | | | | | | 1-15 | 15-24 | 25-34 |
| MC-472WX | MC-427WX | DCR-70 | 8 3/4 | 7" | 22 | 12.94 | 11.88 | 10.69 |
| MC-473WX | MC-428WX | DCR-80 | 10 1/2 | 8 3/4" | 24 | 13.61 | 12.50 | 11.25 |
| MC-474WX | MC-429WX | DCR-100 | 12 1/4 | 10 1/2" | 26 | 15.35 | 14.09 | 12.68 |
| MC-475WX | MC-430WX | DCR-120 | 14 | 12 1/4" | 28 | 16.58 | 15.23 | 13.71 |
| MC-476WX | MC-431WX | DCR-140 | 15 3/4 | 14" | 32 | 18.40 | 16.90 | 15.21 |
| MC-477WX | MC-432WX | DCR-170* | 19 1/4 | 17 1/2" | 40 | 21.81 | 20.03 | 18.03 |
| MC-478WX | MC-433WX | DCR-190 | 21 | 19 1/4" | 42 | 22.84 | 20.98 | 18.88 |
| MC-479WX | MC-434WX | DCR-210* | 22 3/4 | 21" | 44 | 23.70 | 21.76 | 19.58 |
| MC-480WX | MC-435WX | DCR-260* | 28 | 26 1/4" | 45 | 25.58 | 23.49 | 21.14 |
| MC-481WX | MC-436WX | DCR-310* | 33 1/4 | 31 1/2" | 50 | 26.93 | 24.73 | 22.26 |
| MC-482WX | MC-437WX | DCR-350* | 36 3/4 | 35" | 55 | 28.28 | 25.97 | 23.37 |

PANEL MOUNTED BLOWER

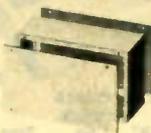


To fit standard 19" wide panel space with permanent type washable filter. Permanently lubricated motor. Motor rating 3000 RPM, 120 watts, 115V AC at 1.5 amps. Ball bearing shaded pole. Supplied with 42" lead and molded plug. Finished in gray hammertone. Shpg. wt., 14 lbs.

| Stock No. | Mfr. No. | CFM at 0" SP | Panel height | Depth of overall Enclosure | Depth | NET | | |
|-----------|-----------|--------------|--------------|----------------------------|-------|--------|--------|--------|
| | | | | | | 1-9 | 10-14 | 15-19 |
| MC-626WX | PMB-5-150 | 150 | 5 1/4" | 6 1/4" | 7" | 122.50 | 112.50 | 101.25 |

METAL UTILITY CABINETS

Have two removable sides for easy accessibility. Have flanged edges and spot-welded corners. No. 20 ga. steel finished in Black Wrinkle; No. 16 ga. (.051) aluminum in natural aluminum finish. Avg. shpg. wt. of steel cabinets 3 lbs., aluminum 1 1/2 lbs. Type. Is prefabricated by "C" for steel and AC for aluminum.



| Size HxWxD | Mfr. Type | Stock No. | BLACK WRINKLE STEEL | | | NATURAL ALUMINUM | | | | |
|---------------|-----------|-----------|---------------------|-------|---------|------------------|-----------|------|------|------|
| | | | 1-49 | 50-99 | 100-149 | Mfr. Type | Stock No. | NET | | |
| 4x4x2 | C-442 | MC-392 | .91 | .84 | .76 | AC-442 | MC-460 | 1.23 | 1.13 | 1.02 |
| 4x5x3 | C-453 | MC-393 | 1.06 | .97 | .87 | AC-453 | MC-461 | 1.36 | 1.25 | 1.12 |
| 5x6x4 | C-564 | MC-394 | 1.25 | 1.15 | 1.03 | AC-564 | MC-462 | 1.62 | 1.48 | 1.33 |
| 5x9x6 | C-596 | MC-395 | 1.98 | 1.82 | 1.64 | AC-596 | MC-463 | 2.66 | 2.44 | 2.20 |
| 6x9x6 | C-666 | MC-396 | 1.43 | 1.31 | 1.18 | AC-666 | MC-464 | 1.85 | 1.70 | 1.53 |
| 6x9x5 | C-695 | MC-397 | 1.98 | 1.82 | 1.64 | AC-695 | MC-465 | 2.66 | 2.44 | 2.20 |
| 7x5x4 | C-754 | MC-398 | 1.36 | 1.25 | 1.12 | --- | --- | --- | --- | --- |
| 8x10x10 | C-8101 | MC-399 | 3.23 | 2.97 | 2.67 | --- | --- | --- | --- | --- |
| 12x7x6 | C-1276 | MC-400 | 2.71 | 2.47 | 2.22 | AC-1276 | MC-466 | 3.66 | 3.36 | 3.02 |
| 15x9x7 | --- | --- | --- | --- | --- | AC-1597 | MC-467 | 5.00 | 4.59 | 4.13 |

SLOPING PANEL UTILITY BOXES

Steel and aluminum sloping panel cabinets with round top corners and sloping front. For installations that require opening in rear of box, No. 20 gauge steel—Black Wrinkle finish. No. 18 gauge (.040) aluminum—natural aluminum finish. 4 1/2" H x 4 1/4" D.



| WIDTH | STOCK NO. | TYPE | LBS. | NET | | |
|----------|-----------|-----------|-------|------|-------|---------|
| | | | | 1-49 | 50-99 | 100-149 |
| 4 1/2" | MC-354 | SPC-1200 | 3/4 | 1.12 | 1.03 | .93 |
| 5 1/2" | MC-355 | SPC-1201 | 1 | 1.26 | 1.16 | 1.04 |
| 6 1/2" | MC-356 | SPC-1202 | 1 | 1.44 | 1.32 | 1.19 |
| 7 1/2" | MC-357 | SPC-1203 | 1 1/2 | 1.73 | 1.59 | 1.43 |
| ALUMINUM | | | | | | |
| 4 1/2" | MC-599 | ASPC-1200 | 1/2 | 1.34 | 1.23 | 1.11 |
| 5 1/2" | MC-600 | ASPC-1201 | 1/2 | 1.52 | 1.39 | 1.25 |
| 6 1/2" | MC-601 | ASPC-1202 | 3/4 | 1.72 | 1.58 | 1.42 |
| 7 1/2" | MC-602 | ASPC-1203 | 3/4 | 2.08 | 1.91 | 1.72 |

STREAMLINED CABINETS

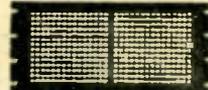
The perfect cabinets for electronic devices not requiring excessive depths. Has hinged top front vertical rounded corners and a removable front panel. Sides and back of cabinet are louvered for ample ventilation. Back has opening for leads. Constructed of #20 gauge steel. Finished in Grey Wrinkle.



| Stock No. | Mfr. Type | HxWxD | Panel Size | Lbs. | Use Chassis | NET | | |
|-----------|-----------|----------|------------|--------|-------------|-------|-------|-------|
| | | | | | | 1-24 | 25-49 | 50-99 |
| MC-415 | HTC-200 | 8x10x8 | 8x8 | 6 | 7x7x2 | 4.11 | 3.77 | 3.39 |
| MC-416 | HTC-201 | 8x12x8 | 8x10 | 6 1/2 | 7x9x2 | 4.45 | 4.00 | 3.60 |
| MC-417 | HTC-202 | 8x16x8 | 8x14 | 11 | 7x13x2 | 5.77 | 5.19 | 4.67 |
| MC-418 | HTC-203 | 9x7x11 | 9x15 | 6 1/2 | 10x14x3 | 8.95 | 8.05 | 7.24 |
| MC-419 | HTC-204 | 12x20x12 | 12x18 | 13 1/2 | 10x17x3 | 10.58 | 9.52 | 8.57 |
| MC-420 | HTC-205 | 8x14x8 | 8x12 | 7 1/4 | 7x11x2 | 5.13 | 4.62 | 4.16 |

VENTILATING GRILLE PANELS

Recommended as a substitute for solid panels when abundant ventilation is required. Made of No. 12 gauge steel. Finished in Black Wrinkle, Gray Wrinkle or Gray Hammertone. * Allows 3/2" space at bottom for chassis mounting. H = Height.



| BLACK WRINKLE Stock No. | GRAY WRINKLE Stock No. | GRAY HAMMERTONE Stock No. | Mfr. Type | Size | H | Lbs. | NET | | |
|-------------------------|------------------------|---------------------------|-----------|-----------------|---------|-------|------|-------|---------|
| | | | | | | | 1-49 | 50-99 | 100-149 |
| MC-453 | MC-483 | MC-490 | GRP-601 | 3 7/8 x 13 3/4" | 5 1/4" | 2 | 3.02 | 2.78 | 2.50 |
| MC-454 | MC-484 | MC-491 | GRP-602 | 3 7/8 x 13 3/4" | 7" | 2 | 3.24 | 2.98 | 2.68 |
| MC-455 | MC-485 | MC-492 | GRP-603 | 5 7/8 x 13 3/4" | 8 3/4" | 2 1/2 | 3.92 | 3.60 | 3.24 |
| MC-456 | MC-486 | MC-493 | GRP-604* | 3 7/8 x 13 3/4" | 8 3/4" | 2 1/2 | 3.61 | 3.31 | 2.98 |
| MC-457 | MC-487 | MC-484 | GRP-605 | 7 7/8 x 13 3/4" | 10 1/2" | 2 1/2 | 4.29 | 3.94 | 3.55 |
| MC-458 | MC-488 | MC-485 | GRP-606* | 5 7/8 x 13 3/4" | 10 1/2" | 2 1/2 | 3.92 | 3.60 | 3.24 |
| MC-459 | MC-489 | MC-496 | GRP-607 | 7 7/8 x 13 3/4" | 12 1/4" | 3 | 4.45 | 4.09 | 3.68 |

CHASSIS MOUNTING BRACKETS

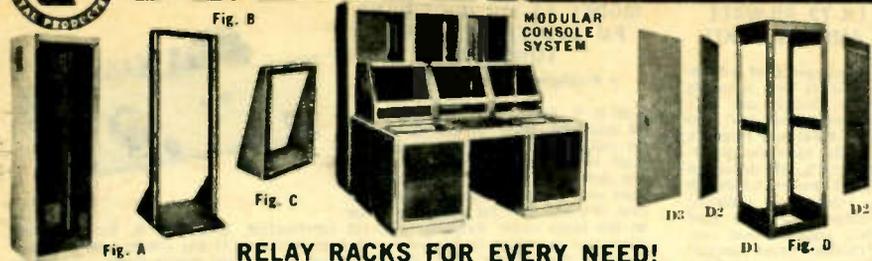
Constructed of No. 16 gauge steel. Cutaway to provide clearance so that chassis can be flush mounted. All for 3" high chassis except * are for 4 inch high. Finished in black enamel. In pairs only.



| STANDARD Stock No. | Mfr. Type | H" | O" | Lbs. | NET | | |
|--------------------|-----------|-------|----|-------|------|-------|---------|
| | | | | | 1-49 | 50-99 | 100-149 |
| STANDARD TYPE | | | | | | | |
| MC-440 | CB-78 | 6 1/2 | 8 | 1 1/2 | .94 | .86 | .77 |
| MC-441 | CB-710 | 6 1/2 | 10 | 1 3/4 | 1.26 | 1.16 | 1.04 |
| MC-442 | CB-711 | 6 1/2 | 11 | 2 | 1.36 | 1.25 | 1.12 |
| MC-443 | CB-712 | 6 1/2 | 12 | 2 1/4 | 1.48 | 1.36 | 1.22 |
| MC-444 | CB-713 | 6 1/2 | 13 | 2 3/4 | 1.59 | 1.46 | 1.31 |
| MC-445 | CB-717 | 6 1/2 | 17 | 3 | 2.46 | 2.26 | 2.03 |
| MC-446 | CB-810* | 8 1/2 | 10 | 2 3/4 | 1.87 | 1.72 | 1.55 |
| MC-447 | CB-813* | 8 1/2 | 13 | 3 | 1.98 | 1.82 | 1.64 |
| TRIANGULAR TYPE | | | | | | | |
| MC-448</ | | | | | | | |



PREMIER Standard RELAY RACKS AND ACCESSORIES



RELAY RACKS FOR EVERY NEED!

Rigidly constructed of #16 gauge steel. The panel mounting angles are of #12 gauge steel and tapped for 10-32 machine screws on universal spacings. Rear doors hung on sturdy slip-jointed hinges and closed by a chrome handle. Bottom accommodates CA-4(2") casters. **DELUXE TYPE**—removable vertical corner moldings are rounded

and cover the mounting screws. Top and bottom are trimmed with red striped chrome finished molding. **STANDARD TYPE**—have square front vertical corners. **ROUNDED TYPE**—have front vertical rounded corners. Black Wrinkle, Gray Wrinkle or Gray Hammettone. Shipped knocked down with all necessary bolts for easy assembly. Racks are 22Wx18"D.

ENCLOSED RELAY RACKS FIG. (A)

| WRINKLE | | HAMMERTONE | | DELUXE RACKS | | | Net | | |
|-----------------------|----------------|----------------|-----------|--------------|-------------|------|-------|-------|-------|
| BLACK Stock No. | GRAY Stock No. | GRAY Stock No. | Mfr. Type | Height | Panel Space | Lbs. | 1-9 | 10-14 | 15-19 |
| MC-497WX | MC-507WX | MC-517WX | DR-3619 | 43 1/8" | 36 3/4" | 85 | 52.92 | 48.60 | 43.74 |
| MC-498WX | MC-508WX | MC-518WX | DR-6119 | 67 3/8" | 61 1/4" | 135 | 64.68 | 59.40 | 53.46 |
| MC-499WX | MC-509WX | MC-519WX | DR-7719 | 83 3/8" | 77 " | 160 | 78.29 | 71.90 | 64.71 |
| STANDARD RACKS | | | | | | | | | |
| MC-500WX | MC-510WX | MC-520WX | RS-3619 | 41 7/8" | 36 3/4" | 80 | 37.13 | 34.10 | 30.69 |
| MC-501WX | MC-511WX | MC-521WX | RS-6119 | 66 3/8" | 61 1/4" | 120 | 55.30 | 50.79 | 45.71 |
| MC-502WX | MC-512WX | MC-522WX | RS-7719 | 82 1/8" | 77 " | 140 | 66.41 | 60.99 | 54.89 |
| ROUNDED RACKS | | | | | | | | | |
| MC-503WX | MC-513WX | MC-523WX | R-3619 | 41 7/8" | 36 3/4" | 80 | 37.13 | 34.10 | 30.69 |
| MC-504WX | MC-514WX | MC-524WX | R-4219 | 47 1/8" | 42 " | 90 | 42.51 | 38.26 | 34.43 |
| MC-505WX | MC-515WX | MC-525WX | R-6119 | 66 3/8" | 61 1/4" | 120 | 55.30 | 50.79 | 45.71 |
| MC-506WX | MC-516WX | MC-526WX | R-7719 | 82 1/8" | 77 " | 140 | 66.41 | 60.99 | 54.89 |

TELEPHONE TYPE CHANNEL RELAY RACKS FIG. (B)

Open type racks constructed of #12 gauge steel finished in Black Wrinkle. Vertical members and top crossbrace for 10-32 machine screws. Racks shipped knocked down on all necessary bolts for easy assembly. Base punched are included together. Panel mounting holes are tapped to accommodate type CA-4 casters.

| BLACK WRINKLE Stock No. | Mfr. Type | HxWxD | Panel Space | Lbs. | 1-9 | 10-14 | 15-19 |
|-------------------------|-----------|-------------------|-------------|------|-------|-------|-------|
| MC-548WX | RR-800 | 39 1/4x20x18 3/8" | 36 3/4x19" | 40 | 19.76 | 18.14 | 16.33 |
| MC-549WX | RR-801 | 74 1/4x20x20 7/8" | 71 3/4x19" | 55 | 23.52 | 21.60 | 19.44 |
| MC-550WX | RR-802 | 79 1/2x20x20 7/8" | 77 "x19" | 60 | 27.22 | 25.00 | 22.50 |

TABLE TYPE RELAY RACKS FIG. (C)

Rigidly constructed of #16 gauge steel finished in Black Wrinkle. Base constructed of one piece, similar to a chassis. Panel mounting holes are tapped for 10-32 machine screws. Shipped knocked down.

| BLACK WRINKLE Stock No. | Mfr. Type | HxWxD | Panel Space | Lbs. | 1-9 | 10-14 | 15-19 |
|-------------------------|-----------|-----------|-------------|------|------|-------|-------|
| MC-551WX | TR-2119 | 25x21x12" | 21x19" | 17 | 7.86 | 7.22 | 6.50 |
| MC-552WX | TR-2819 | 32x21x12" | 28x19" | 20 | 9.83 | 9.03 | 8.13 |

PREM-D-RAK MODULAR TRANSMITTER RACKS FIG. (D)

For standard 19" rack panels designed for multiple installation and for use with PREM-O-RAK console cabinets. Frame 14 gauge steel; tops of front and rear are rounded; frame completely welded throughout; supplied with 4 No. 12 gauge steel panel mounting angles. Both legs of angle are tapped 10-32, knockouts on sides of upright for use in ganging frames; rectangular cutout in bottom for leads; doors can be mounted to front or rear of frame; holes in bottom for 2" and 3" casters. Finished in gray hammettone.

FRAMES FIG. (D1) 22" W x 22" D.

| Stock No. | Mfr. No. | lbs. | Height | Panel Space | 1-9 | 10-14 | 15-19 |
|-----------|----------|------|---------|-------------|--------|--------|-------|
| MC-627WX | FA-42-22 | 50 | 48 3/8" | 42x19" | 76.44 | 70.20 | 63.18 |
| MC-628WX | FA-52-22 | 65 | 59 1/8" | 52 1/2x19" | 82.91 | 76.14 | 68.53 |
| MC-629WX | FA-61-22 | 80 | 67 7/8" | 61 1/4x19" | 93.93 | 86.26 | 77.63 |
| MC-630WX | FA-70-22 | 100 | 76 3/8" | 70x19" | 110.19 | 101.20 | 91.08 |
| MC-631WX | FA-77-22 | 110 | 83 3/8" | 77x19" | 113.28 | 104.03 | 93.63 |

END PANELS FIG. (D2)

One piece 16 gauge steel. Attaches to frame by bracket on bottom and held securely by two captive screws on top. Ball cornered. Supplied with louvers. Brown Hammettone Finish. 22"Wx11 1/2"D.

| Stock No. | Mfr. No. | For Frame | Lbs. | 1-9 | 10-14 | 15-19 |
|-----------|-----------|-----------|------|-------|-------|-------|
| MC-609WX | CEP-42-22 | FA-42-22 | 23 | 17.64 | 16.20 | 14.58 |
| MC-610WX | CEP-52-22 | FA-52-22 | 27 | 21.17 | 19.44 | 17.50 |
| MC-611WX | CEP-61-22 | FA-61-22 | 30 | 23.52 | 21.60 | 19.44 |
| MC-612WX | CEP-70-22 | FA-70-22 | 33 | 25.28 | 23.22 | 20.90 |
| MC-613WX | CEP-77-22 | FA-77-22 | 35 | 27.34 | 25.11 | 22.60 |

DDDRS FIG. (D3)

For 22" deep racks. Made of 16 gauge steel. Mounted either left or right hand by rotating door 180°. Doors supplied blank. Louvers at no additional charge; please specify. Hung on slip jointed hinges and equipped with locking handle. Finished in Gray Hammettone. 21 1/2"Wx1 3/8"D.

| Stock No. | Mfr. No. | For Frame | Lbs. | 1-9 | 10-14 | 15-19 |
|-----------|----------|-----------|------|-------|-------|-------|
| MC-614WX | DF-42 | FA-42-22 | 20 | 25.87 | 23.76 | 21.38 |
| MC-615WX | DF-52 | FA-52-22 | 25 | 28.81 | 26.46 | 23.81 |
| MC-616WX | DF-61 | FA-61-22 | 28 | 32.93 | 30.24 | 27.22 |
| MC-617WX | DF-70 | FA-70-22 | 31 | 35.28 | 32.40 | 29.16 |
| MC-618WX | DF-77 | FA-77-22 | 34 | 37.63 | 34.56 | 31.10 |

Lafayette stocks complete Premier metal line. Write or call for quotations on unlisted items.

STANDARD RACK PANELS

All panels are 19" wide and 1/4" thick. Steel panels are No. 12 gauge and finished in reversible Gray and Black Wrinkle. Aluminum finished in reversible Gray and Black Wrinkle. H=height

Steel Panels—Reversible Black and Gray Wrinkle

| Stock No. | Mfr. No. | H | Lbs. | 1-49 | 50-99 | 100-149 |
|-----------|----------|---------|--------|------|-------|---------|
| MC-553 | RP-119 | 1 3/4" | 1 | .75 | .69 | .62 |
| MC-554 | RP-319 | 3 1/2" | 2 | .86 | .79 | .71 |
| MC-555 | RP-519 | 5 1/4" | 3 | 1.07 | .98 | .88 |
| MC-556 | RP-719 | 7 " | 4 | 1.23 | 1.13 | 1.02 |
| MC-557 | RP-819 | 8 3/4" | 5 1/4 | 1.51 | 1.39 | 1.25 |
| MC-558 | RP-1019 | 10 1/2" | 6 1/4 | 1.82 | 1.67 | 1.50 |
| MC-559 | RP-1219 | 12 1/4" | 7 1/4 | 2.17 | 1.99 | 1.79 |
| MC-560 | RP-1419 | 14 " | 8 1/4 | 2.50 | 2.29 | 2.06 |
| MC-561 | RP-1519 | 15 3/4" | 9 | 2.83 | 2.58 | 2.31 |
| MC-562 | RP-1719 | 17 1/2" | 10 1/2 | 3.09 | 2.83 | 2.55 |
| MC-563 | RP-1919 | 19 1/4" | 12 | 3.43 | 3.15 | 2.83 |
| MC-564 | RP-2119 | 21 " | 12 1/2 | 3.77 | 3.46 | 3.11 |

Aluminum Panels—Reversible Gray and Black Wrinkle.

| Stock No. | Mfr. Type | H | Lbs. | 1.49 | 50.99 | 100-149 |
|-----------|-----------|---------|-------|------|-------|---------|
| MC-565 | ARP-119 | 1 3/4" | 1 1/2 | .99 | .91 | .82 |
| MC-566 | ARP-319 | 3 1/2" | 1 | 1.33 | 1.22 | 1.10 |
| MC-567 | ARP-519 | 5 1/4" | 1 1/2 | 1.82 | 1.67 | 1.50 |
| MC-568 | ARP-719 | 7 " | 2 | 2.20 | 2.02 | 1.82 |
| MC-569 | ARP-819 | 8 3/4" | 2 1/2 | 2.63 | 2.41 | 2.17 |
| MC-570 | ARP-1019 | 10 1/2" | 3 | 3.30 | 3.03 | 2.73 |
| MC-571 | ARP-1219 | 12 1/4" | 3 1/2 | 3.86 | 3.55 | 3.19 |
| MC-572 | ARP-1419 | 14 " | 4 | 4.42 | 4.06 | 3.65 |
| MC-573 | ARP-1519 | 15 3/4" | 4 | 4.94 | 4.54 | 4.09 |
| MC-574 | ARP-1719 | 17 1/2" | 4 3/4 | 5.43 | 4.99 | 4.49 |
| MC-575 | ARP-1919 | 19 1/4" | 5 | 5.96 | 5.47 | 4.92 |
| MC-576 | ARP-2119 | 21 " | 6 | 6.49 | 5.96 | 5.36 |

ALUMINUM PANEL CHASSIS

Front flange notched for mounting on 19" standard racks. Made of 14 gauge (.064) aluminum. All chassis depths are 5 1/2". Gusssets are spot welded in each corner for greater strength. Etched finish. H=Height.

| Stock No. | Mfr. Type | H | Lbs. | 1-24 | 25-49 | 50-99 |
|-----------|-----------|---------|-------|------|-------|-------|
| MC-577 | ACH-1200 | 1 3/4" | 3/4 | 2.50 | 2.29 | 2.06 |
| MC-578 | ACH-1201 | 3 1/2" | 1 3/4 | 2.73 | 2.51 | 2.26 |
| MC-579 | ACH-1202 | 5 1/4" | 1 1/2 | 2.98 | 2.74 | 2.47 |
| MC-580 | ACH-1203 | 7 " | 2 | 3.44 | 3.16 | 2.84 |
| MC-581 | ACH-1204 | 8 3/4" | 2 1/4 | 4.06 | 3.73 | 3.36 |
| MC-582 | ACH-1205 | 10 1/2" | 2 3/4 | 4.35 | 4.00 | 3.60 |
| MC-583 | ACH-1206 | 12 1/4" | 3 | 4.85 | 4.45 | 4.00 |
| MC-584 | ACH-1207 | 14 " | 3 1/4 | 5.24 | 4.81 | 4.33 |

CASTERS FOR RACKS AND CABINETS

Made of Plaskite non-marking composition wheel with Ball Bearing Swivel Plate. Packed one set of 4 in box with screws for assembly.

| Stock No. | Mfr. No. | Wheel Diam. | NET PER SET OF 4 |
|-----------|----------|-------------|-------------------------------|
| MC-451 | CA-4 | 2" | 3.53 sets 3.24 sets 2.92 sets |
| MC-452 | CA-5 | 3" | 7.06 sets 6.48 sets 5.83 sets |

S-22-22 SHELF

No. 16 gauge steel. 20 3/8"Dx 17 1/2"W for frames FA-42-22, FA-52-22, FA-61-22, FA-70-22, and FA-77-22. Gray hammettone. Shpg. wt., 5 lbs.

| Stock No. | Mfr. No. | Load lbs. | Shpg. wt. | Net Per Pair |
|-----------|--|-----------|------------|--------------|
| MC-632 | 1-9 ea. 3.85; 10-14 ea. 3.54; 15-19 ea. 3.19 | | | |
| MC-633 | Net per set of 2 | 1-9 4.90 | 10-14 4.50 | 15-19 4.05 |

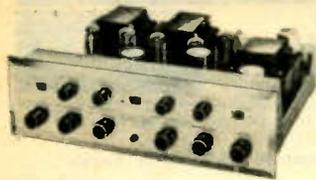
CSA-22 CHASSIS SUPPORT ANGLES

No. 12 gauge steel, 20 3/8" long to fit frames FA-42-22, FA-52-22, FA-61-22, FA-70-22 and FA-77-22. Gray Hammettone. wt., 4 lbs.

CHASSIS SLIDES
Solid bearing slides to fit FA 22" series frame. Requires no drilling, counter sinking, quick disconnect allows for removal of chassis. Slide length 20". Slide mounts standard 17" wide chassis. * can be tilted 90° above or below horizontal position.

| Stock No. | Mfr. No. | Load lbs. | Shpg. wt. | Net Per Pair |
|--|--------------|-----------|-----------|-------------------|
| MC-634 | SB-75-20 | 175 | 5 lbs. | 17.15 15.75 14.18 |
| MC-635 | SB-175-20 | 175 | 9 lbs. | 36.51 33.53 30.18 |
| MC-636* | SB-175-DL-20 | 175 | 12 lbs. | 57.22 53.10 47.79 |
| Side Mounted Slide Rolls On Nylon Wheels | | | | |
| MC-637 | 330-46-20 | 46 | 3 lbs. | 3.72 3.42 3.08 |

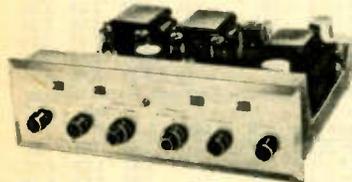
SCOTT STEREO PHONIC HI-FI KITS



MODEL LK-72 80-WATT STEREO AMPLIFIER KIT

An H. H. Scott masterpiece of kit engineering with radically new assembly features. Aluminum chassis and D.C. heated preamp filaments give low —80 db hum and noise. Frequency response 20 to 20KC ± 1 db; harmonic distortion at full output 0.8%. IM distortion 0.3% (CCIF); IHFM power bandwidth

20 to 20 KC; speaker output impedances 4, 8, 16 ohms. Front panel controls; Input selector (phono- or tape head, Tuner, Extra); Equalization (NAB tape head or RIAA record equalization); Stereo Selector (same as 299C); separate tone controls for channels A & B Stereo Balance; Derived Center Channel Level Control; Loudness On-Off; Scratch Filter; Tape Monitor; Loudness Compensation. Matches LT-110 FM Tuner Kit in appearance and cabinet size. 15Wx4 3/4 Hx10" D.
 G-625WX (less case) Shpg. wt., 35 lbs. NO MONEY DOWN Net 159.95
 G-147W Shpg. wt., 2 lbs. Leatherette metal case for LK-72 kit Net 13.95



LK-48 48-WATT STEREO AMPLIFIER KIT

The most remarkable kit value today — H. H. Scott quality at a nominal price. Has same controls as LK-72 except center channel output does not have front panel level control. Power output — 24 watts per channel (IHFM); distortion at full output same as LK-72. IHFM Power band- and aluminum chassis for low —80

width to 20 kc. D.C. heated preamp filaments db hum and noise. Dimensions 15Wx4 3/4 Hx10" D.
 G-640WX (less case) Shpg. wt., 35 lbs. NO MONEY DOWN Net 124.95
 G-147W Leatherette Metal C case for LK-48. Shpg. wt., 2 lbs. Net 13.95



LM-35 MULTIPLEX ADAPTER KIT

The LM-35 uses unique kit pack which functions as a fold-a-way work bench. All wires are pre-cut to correct length. Multiplex circuitry pre-wired and pre-aligned at factory. Self-powered (all connections to the tuner are external). The LM-35 can be used with all H. H. Scott wide-band tuners regardless of age or model. Dimensions 6 1/2 Wx4 3/4 Hx12 3/4" D. 105-120 V.A.C. 50/60 cycles. Shpg. wt., 8 lbs.
 G-642WX LM-35K Net 79.95
 Metal H Case For LM-35 G-627W Net 9.95



NEW MODEL SK-4 WIDE RANGE SPEAKER KIT

An easy to assemble three-way acoustic compliance speaker system that includes many of the features of the highly-rated S-3. Handsome, factory assembled, prefinished cabinet available in oiled walnut and unfinished pine. Size: 22Hx11Wx9"D.
 GB-558WX Speaker Kit Unf. Pine Shpg. wt., 29 lbs. Net 79.95
 GB-559WX Speaker Kit Oiled Walnut Net 99.95

MODEL LT-110 WIDE-BAND FM STEREO MULTIPLEX TUNER KIT

• Prealigned Multiplex Section

From H. H. Scott, the first professional FM multiplex tuner in kit form. Both the multiplex section and famous H. H. Scott silver plated front end are factory preassembled and prealigned. You need only align the tuner's wide-band-pass IF's and detector using the meter on the tuner itself. Virtually foolproof construction. Unique H. H. Scott circuitry eliminates multiplex interference with bias oscillator of any stereo tape recorder. Features stereo Noise Filter, Vernier Tuning; Front panel tuning meter; and Stereo Tape recorder output. IHFM usable sensitivity 2.2 microvolts. 10 Tubes, 11 diodes.
 G-633WX (less case) Shpg. wt., 20 lbs. 15Wx4 3/4 Hx10" D. Net 159.95
 G-147W Leatherette metal case C for LT-110 Shpg. wt., 2 lbs. Net 13.95



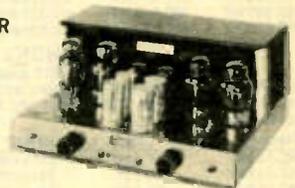
LC-21 STEREO CONTROL CENTER KIT

This preamplifier kit has all the control features of the LK-72 PLUS dual magnetic pickup switch; rumble as well as scratch filter; microphone equalization phase reverse and separate on/off; unique shielding of power supply stage together with aluminum chassis and D.C. heated tubes gives totally inaudible hum even on phono input. Frequency response: 8-50,000 cps ± 1 db; distortion 0.1% at 2.5 volts output (perfect match for input sensitivity of LK-150 stereo power-amplifier. 15Wx4 3/4 Hx11 1/2" D.
 G-631WX (less case) Shpg. wt., 10 lbs. Net 99.95
 G-147W Leatherette Metal case C for LC-21. Shpg. wt., 2 lbs. Net 13.95



LK-150 130-WATT STEREO POWER AMPLIFIER KIT

This remarkable stereo power amplifier is the perfect unit for the LC-21. Aluminum chassis and careful design for low —90 db hum; 6550 output tubes run at only 65 watts IHFM (60 watts steady state); though rated at 100 watts per pair; power bandwidth from below 19 cps to 25 KC (limits of test equipment); harmonic distortion at full output less than 0.5%; IM distortion less than 0.5%; input sensitivity switchable from 2.5 volts (for LC-21) to 1.5 volts to permit use with virtually all pre-amplifiers. Has built-in meter for bias adjustments. Dimensions 14 1/2 Wx4 3/4 Hx11 1/2" D. Shpg. wt., 52 lbs.
 G-632WX NO MONEY DOWN Net 169.95



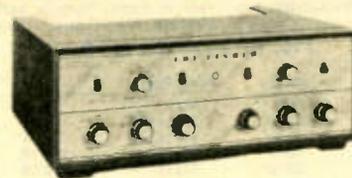
- At least 65 watts per channel
- Less than 0.5% Harmonic Distortion

NEW FISHER HI-FI KITS



FISHER KM-60 FM STEREO TUNER KIT

A high quality FM Stereo multiplex tuner kit with famous Fisher features. Ultra-Sensitive Golden Cascade Front-End provides clear reception even from distant stations, exclusive Stereo Beam instantly indicates whether or not a station is broadcasting in stereo, precision D'Arsonval tuning meter which is also used in alignment of IF and ratio detector sections; pre-aligned front-end and multiplex section. 4 IF stages and 2 limiters. SPECS: Sensitivity 0.6 microvolts at 20db quieting. Signal-to-noise ratio 70db at 100% mod., Freq. response — ± 1db 20-15,000 CPS. 11 Tubes 12 Diodes, Selenium rectifier. Complete with illustrated manual. Size 15 1/4 Wx4 3/4 Hx13" D.
 G-667WX KM60 Kit Shpg. wt., 18 lbs. Less cabinet. Net 169.50
 G-705WX KM61 Same as KM60 but factory wired & tested Net 219.50
 MC-2 Metal cabinet for KM-60 and KM-61 Net 15.95
 G-109W Shpg. wt., 9 lbs.



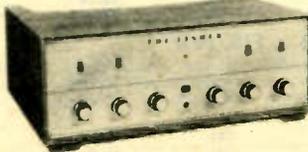
THE FISHER KX-200 80 WATT STEREO CONTROL AMPLIFIER KIT

Fisher engineers have developed a new concept of kit design known as StrataKit. Major components are pre-mounted and wires are pre-cut. The KX-200 amplifier/preamp specifications are: 80 watts IHFM music power output; (35 watts RMS each channel) Harmonic distortion (at rated output) 0.4%; IM Distortion (SMPTC, at rated output) 0.8%; Frequency response (overall) 20-20,000 cps ± 1 db — total hum and noise —80db (450mv REF); Channel Separation at 1 KC better than 50 db. Tubes: 6 ECC83, 4-7591, 2-SD95A, 2-SD91A. Built-in D'Arsonval calibration meter. For 117V, 60 cycles AC. Size: 15 1/4 Wx12 1/2 Dx5 1/4" H.
 G-666WX KX-200 Amplifier, less case Shpg. wt., 30 lbs. Net 169.50
 G-109W MC-2 Metal Cabinet for KX-200. Shpg. wt., 9 lbs. Net 15.95



FISHER SLIM-LINE SPEAKER SYSTEM KITS MODEL KS-1

The Fisher KS-1 Slim-line Loudspeaker System lends itself to virtually any type of installation. It can be wall mounted, placed on the floor or in a bookshelf. Composed of a 10-inch free-piston woofer with 30 CPS free-air resonance and 4-lb. magnet; 5-inch AcoustiGlas packed midrange unit. LC type B-way crossover network. 8-ohm impedance. Supplied complete with cabinet; grille cloth, AcoustiGlas padding and instructions. Size: 18Wx24Hx5 3/4" D. Shpg. wt., 26 lbs.
 GB-464WX KS-1B Speaker System Kit. Unfinished Net 59.50
 GB-465WX KS-1W Speaker System Kit. Walnut Net 64.50
 GB-462WX KS-1AB As above, Factory Assembled. Unfinished Net 84.50
 GB-463WX KS-1AW As above, Factory Assembled. Walnut Net 89.50



FISHER KX-100 50-WATT STEREO MASTER AUDIO CONTROL-AMPLIFIER

Front panel earphone jack. Newly designed Novar type No. 7868 output tubes. Features unique StrataKit assembly design to eliminate possibility of error. Facilities for direct connection of center channel speaker. 14 front-panel controls, including sharp cut-off high-frequency filter. Tape Monitor. Loudness Contour switch. Tape and phono Equalization. 10 tubes. 2 Silicon rectifiers. Size: 15 1/4 Wx12 1/2 Dx5 1/4" H.
 G-670WX Shpg. wt., 24 lbs. NO MONEY DOWN Net 129.50
 G-109W Metal Cabinet for KX-100 9 lbs. Net 15.95

BUILD YOUR OWN HI-FI KITS

dynakit

HI-FI COMPONENTS for the AUDIO PERFECTIONIST



DYNAKIT PAS-2 STEREO PREAMPLIFIER KIT

Includes two independent high gain, low noise preamplifier-control channels. Inputs: 3 stereo low level and 4 stereo high level. Frequency response: ± 0.5 db 6-60,000 cps. Distortion: less than .05%. Noise: less than 3 uv, equivalent noise input on RIAA. Gain: 60 db at 1000 cps.

on RIAA, 20 db on high level. Tubes: 4-12AX7/ECC-83, 6X4, selenium rectifier. Textured vinyl finish. Size: 13x8x4". Shpg. wt., 11 lbs.

G-453WX Kit Net 59.95

Dynakit PAS-2 Stereo Preamp. Same as above, but completely wired. Shpg. wt., 11 lbs. G-454WX Net 99.95

Model PM-3 Panel mounting kit for PAS-2. Shpg. wt., 3 lbs. G-468 Net 4.95



DYNAKIT STEREO 70 70-WATT STEREO AMPLIFIER KIT

The stereo 70 is rated at 35 watts channel or 70 watts for monophonic. Frequency response: ± 0.5 db 10-40,000 cps. IM distortion: less than 1% at 35 watts. Sensitivity: 1.3 volts rms input for 35 watts output. Output impedance: 4, 8, 16 ohms. Minimum channel separation: 55 db.

Vinyl coated charcoal brown cover. Size: 13x9 1/2 x 6 1/2". Shpg. wt., 32 lbs. G-455WX Kit Net 99.95

Dynakit Stereo 70 Stereo Amplifier. Same as above, but completely wired. G-456WX Net 129.95



DYNATUNER FM-1 KIT

The Dynakit FM-1 tuner utilizes complete printed circuit design. Can be completely aligned without the need for auxiliary equipment or instruments—using only the built-in tuner indicator. Designed for maximum linearity and stability of operation—yet has high sensitivity. Tuned RF input provides 4 microvolt (IHFM)

sensitivity and excellent rejection of spurious signals. IM DISTORTION: less than 0.25%. OUTPUT LEVEL: 1 1/2 volts. 7 tubes plus rectifier, tuning eye and 2 diodes. POWER REQUIREMENTS: 110-120V. AC. 60 cps. 13x4x8". Shpg. wt., 11 lbs. G-467WX Net 79.95

G-469WX Model FM-1 wired and factory tested. Shpg. wt., 11 lbs. Net 119.95

New Model FM-1 SK. Same as FM-1, in semi-kit form. Shpg. wt., 11 lbs. G-470WX Net 99.95

FMX-3 MULTIPLEX ADAPTER KIT

Fits inside the Dynatuner chassis of the FM-1, converting it to a complete FM stereo tuner of high quality, providing complete separation and lowest noise and distortion with simplicity of operation. Shpg. wt., 2 lbs. G-471 Net 29.95

Model FMA-2 kit — 10 watt amp. converts FM-1 to FM radio (less speaker). Uses space allocated for multiplex adapter. Shpg. wt., 4 lbs. G-472 Net 29.95

DYNAKIT PAM-1 PREAMPLIFIER KIT

A quality preamp-control unit, incorporating a factory-wired printed circuit module. Current and voltage feedback loops include four stages of gain. Inputs: Low-level magnetic cartridge, high level magnetic, radio, TV, tape, plus "special" low level (option of extra RIAA phono input, tape head, or mike). Outputs: Tape and audio output. IM Distortion: Less than .05%. Response: ± 0.5 db 6-60,000 cps. Gain: 54 db @ 1000 cps (RIAA input). 20 db @ 20-20,000 cps (high-level input). Tubes: 2-ECC83/12AX7 plus selenium stack. Power requirements: 200-400 volts d.c. @ 3-4 ma; 6 volts A.C. @ .75 amps. Requires PS-1 (listed below) when used with other than Dynakit amplifiers. Size 2 3/4 x 12 x 6" O. Shpg. wt., 7 lbs. Choice of bone white or charcoal brown vinyl finish.

G-465 Kit Net 34.95

G-466 As above, but wired Net 59.95

PM-1 Panel mounting kit for PAM-1. Shpg. wt., 2 lbs. Net 2.95

G-462 Net 2.95

PS-1K Power supply kit. Powers either 1 or 2 PAM-1 preamplifiers. Net 8.95

G-460 Shpg. wt., 4 lbs. Net 14.95

G-461 PS-1, same as PS-1K but factory wired.



DYNAKIT MARK III 60 WATT POWER AMPLIFIER KIT

A compact 60 watt basic amplifier. Pre-wired printed circuit assembly with parts mounted. Frequency response better than ± 5 db from below 6 cps to above 60 kc. Response at any level up to 60 watts is ± 1 db over a range in excess of 20 cps to 20 kc. IM distortion less than 1% at 60 watts levels. Less than 1% harmonic distortion within 1 db of 60 watts from 20 cps to 20 kc. Noise 90 db below maximum. 4, 8, and 16 ohm outputs. Utilizes 1-6AN8, 2-KT88 (or 6550), 1-GZ34 and selenium rectifier. Washable, chip-proof vinyl coated finish on cover. All parts, tubes and protective cover included in kit. Shpg. wt., 28 lbs. G-457WX Kit Net 79.95

G-458WX As above, but wired Net 99.95

G-459WX Kit with 70.7 volt output for P.A. use Net 84.95



DYNAKIT MARK IV 40 WATT POWER AMPLIFIER KIT

The Mark IV is a 40 watt basic amplifier. Power output: 40 watts continuous, 80 watts peak. Frequency response: ± 0.5 db 10-40,000 cps. IM distortion: less than 1% at 40 watts, less than .05% at 1 watt. Hum and noise: better than 90 db below 40 watts. Output impedance: 4, 8, 16 ohms. Sensitivity: 1.3 volts rms input for 40 watts output. Tubes: 2-EL-34, 7199, GZ-34, selenium rectifier. Finish with nickel chassis and vinyl coated charcoal brown cover. Power consumption: 115 watts. Size: 5x14x6 1/2". Shpg. wt., 20 lbs. G-449WX Kit Net 59.95

Mark IV 40 Watt Amplifier. Same as above, but completely wired. Shpg. wt., 20 lbs. G-450WX Net 79.95



10 Watt Push Pull Hi-Fi Amplifier Kit

- BUILT-IN PREAMPLIFIER • SELECTOR SWITCHES PERMIT CHOICE OF THREE INPUTS • SEPARATE BASS AND TREBLE CONTROLS • 4, 8 AND 16 OHM OUTPUTS • EASY-TO-FOLLOW INSTRUCTIONS

This new, economy hi-fi amplifier has many deluxe features for exceptional performance. The three inputs are radio/crystal phono pickup, magnetic phono pickup and microphone. A selector switches the input from radio/crystal to microphone or magnetic pickup, depending upon the position of a rear apron slide switch.

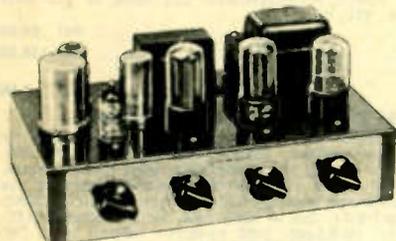
OUTPUT — Rated 10 watts, peak 18. FREQUENCY RESPONSE — ± 1 db 30-15,000 cps. DISTORTION — 1.5% harmonic, 4% intermodulation at 8 watts. 4 CONTROLS — Input Selector; Volume; Treble; Power-On-Off-Bass. TREBLE CONTROL — Flat response up to 18 db cut. — BASS CONTROL — Flat response up to 15 db boost. OUTPUT IMPEDANCES — 4, 8, and 16 ohms. TUBES — 6SC7, 6SL7GT, 2-6V6GT and 5Y3GT rectifier. AUXILIARY AC OUTLET — Distinctive Hammettone finish. SIZE — 10 1/2 x 6 1/4 x 5 1/4". WEIGHT — 8 1/2 lbs. For 110-120 Volts.

Complete kit with coded wire, highest grade solder and detailed instruction manual. KTR-91 Net 24.50

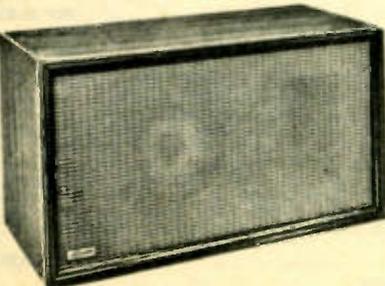
LAFAYETTE HI-FI PHONO SYSTEM KIT

Have FUN — SAVE MONEY by assembling this top-value system yourself! Features Lafayette KT-91 10-watt amplifier kit; famous Lafayette 4 speed stereo automatic record changer with automatic 3-way shut off intermixes records of same speed; heavy-duty constant-speed motor; high quality Ronette ceramic cartridge; balanced feather-weight tone arm. Plus amazing Lafayette SK-124 Ultra-Compliance 2-way speaker system in mahogany or walnut (specify finish) or SK-123, identical to SK-124 but in oil walnut. Tuner can be added at any time for radio program reception. Can convert to stereo at a future date by simply adding another KT-91 amplifier for your second channel, and a second SK-124 speaker system. Lafayette Hi-Fi Phono System Kit less changer base. Shpg. wt., 34 lbs.

- PK-636WXM Net 62.95
- PK-606W Walnut Base for Changer Net 4.50
- PK-607W Mahogany Base for Changer Net 3.95
- PK-608W Mounting Board for Changer Net 1.10
- PK-609 45 R.P.M. Spindle for Changer Net 1.49



LAFAYETTE KT-91 PUSH-PULL AMPLIFIER



LAFAYETTE SK-124 ULTRA-COMPLIANCE SPEAKER SYSTEM

10-WATT HI-FI AMPLIFIER KIT 24.50
COMPLETE 10-WATT HI-FI SYSTEM 62.95
No Money Down For Budget Terms See Page 381



LAFAYETTE 4 SPEED CHANGER

BUILD YOUR OWN**HI-FI KITS • SAVE MONEY****EICO MODEL HFT 90K FM TUNER KIT**

Factory pre-wired and pre-aligned front end. Pre-wired tuning eye assembly. Temperature-compensated components, "traveling" tuning indicator, fly-wheel tuning and AGC. SENSITIVITY: 1.5 uv for 20 db quieting; 2.5 uv for 30db quieting; full limiting from 25 uv input; 300 ohm balanced. OUTPUTS: Cathode follower and multiplier. TUBES: 1-ECC85/6AQ8, 3-6AV6, 1-6AL5, 1-EU7. POWER: 40 watts at 110-120 volts AC, 50-60 cycles. Complete with instructions. 12x8¼x3¾". Shpg. wt., 10 lbs.

G-422 Kit Net 39.95

HFT-90 Same as above, but factory wired

G-423 Net 65.95

E-3 Cover for HFT-90 Shpg. wt., 3 lbs.

G-431 Net 3.95

EICO MODEL HF85K STEREOHONIC DUAL PREAMP KIT

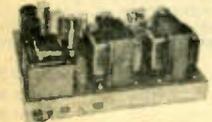
Self-powered preamp-control center offering complete switching and control facilities for any stereo program source. SPECIFICATIONS (both channels): Frequency response 5-200,000 cps \pm 0.3 db; IM distortion (60 & 7000 cps) .03% @ 1 v. RMS output; Harmonic distortion (20-20,000 cps) .1% @ 3 v. RMS output; Tone-control range \pm 15 db @ 50 and 10,000 cps; RIAA phono and NARTB tape head (15, 7.5, and 3.75 ips) equalization; Output-to-main amplifier impedance, 8000 ohms. Tubes: 5-12AX7/ECC83's, 1-6X4.

Size: 3½" high, 12" wide, 8¼" deep. Shpg. wt., 10 lbs. Cover supplied. HF85K Stereo Dual Preamp Kit.

G-492 Net 39.95

HF85 Same, Factory wired and tested

G-493 Net 64.95

EICO MODEL HF87K 70-WATT STEREO HIGH FIDELITY DUAL POWER AMPLIFIER KIT

A dual amplifier, this unit provides 35 watts output per channel. Ultra-linear connected, self-biased, push pull EL34 output stages for high stability. SPECIFICATIONS: OUTPUT: 70 watts continuous, 140 watts peak. FREQUENCY RESPONSE: \pm 0.5db 5 cps—100KC, HARMONIC DISTORTION: less than 1%. From 20 to 20,000 cps within 1db at 70 watts. DAMPING FACTOR: above 11. STABILITY MARGIN: 17db. SENSITIVITY: 0.38V for full output. CHANNEL SEPARATION: 55db. SPEAKER CONNECTIONS: 4, 8, 16, 32 ohms. TUBE COMPLEMENT: 1-ECC83/12AX7, 2-6SN7GTB, 4-EL34, 2 silicon diode rectifiers. POWER REQUIREMENTS: 215 watts at 117 volts AC, 60 cps. 15x11x6".

Shpg. wt., 32 lbs. G-496WX Kit Net 74.95

HF87 Same as above, but factory wired

G-497WX Net 114.95

EICO ST-96K FM-AM STEREO TUNER KIT

Features pre-wired, pre-aligned FM front end, FM and AM IF strips. SPECIFICATIONS: SENSITIVITY: (FM) 1.5 uv for 20 db quieting; (AM) 3uv for 1.0V average output at 20 db S/N ratio. SELECTIVITY: (FM) 250 Kc. IF bandwidth (6db down); (AM) overall IF bandwidth of 18KC at "broad bandwidth" 9KC at "narrow bandwidth." FREQUENCY RESPONSE: (FM) 20-15,000 cps \pm 1db; (AM) 20-9,000 cps on "wide bandwidth," 20-4500 cps on "narrow bandwidth." IMAGE REJECTION: (FM) 40db; HUM LEVEL: 60db down; DRIFT: (FM) less than 2 parts in 10,000 from cold start; (AM) negligible. OUTPUT LEVEL: (FM) 2.5v for 100% mod. (AM) 1.0v average. POWER REQUIREMENTS: 117 volts AC, 60 cps. 15½x12x8¼". Shpg. wt., 19 lbs.

G-517WX Net 89.95

Model ST-96 Same as above, but factory wired.

G-516WX Net 129.95

EICO MODEL AF-4K COMPLETE STEREOHONIC DUAL AMPLIFIER KIT

Model AF-4K utilizes a 27db feedback level to help lower harmonic and intermodulation distortion. Independent, concentric level and tone controls. SPECIFICATIONS: FREQUENCY RESPONSE: \pm 0.5db 30-20,000 cps. HARMONIC DISTORTION: less than 1% at 4 watts. SENSITIVITY (for 4W. output/channel): .26V (phono). 113V (other inputs). HUM: 74db below full output. SPEAKER CONNECTIONS: 4, 8, 16, 32 ohms. TUBE COMPLEMENT:

2-12DW7, 2-EL84, 1-EZ81. 3½x12x8¼". Shpg. wt., 13 lbs.

G-498 Net 38.95

AF-4 Same as above, but factory wired.

G-499 Net 64.95

EICO 20 WATT HIGH FIDELITY AMPLIFIER KIT MODEL HF20K

High quality equalizer and control section plus 20 watt Ultra-Linear Williamson-type power amplifier. Low distortion feed-back equalization; 5 equalizations provided for LP's and 78's including RIAA. Variable turnover, low distortion feed-back tone controls.

Six inputs: 4 high level switched inputs and 2 low level inputs (not switched). Hum balance control for balancing out 60 cycle residual hum. Power Consumption: 110-120 volts, 60 cps, 100 watts. Tubes: 2-12AX7, 2-12AU7A,

2-6L6GB, 1-5U4GB. Handsomely styled to eliminate the necessity for cabinets.

Size: 8½" H, 15" W, 10" D. Shpg. wt., 24 lbs.

G-502WX HF-20—Kit Net 49.95

G-503WX Factory Wired Net 79.95

G-428W ENCLOSURE FOR HF20 Net 4.50

EICO MODEL HF-81K STEREOHONIC DUAL AMPLIFIER. PRE-AMP KIT

3 inputs per channel: low level-mag phono, tape head and microphone. SPECIFICATIONS: OUTPUT POWER: rated 28 watts (continuous) for monaural, 14 watts for stereo. FREQUENCY RESPONSE: \pm 5 db, 10 to 100KC at 2 W out. IM DISTORTION: (60 and 6000 cps at 4:1): 0.5% at 10 watts out. HARMONIC DISTORTION: less than 1% from 40C-10KC at 20W output. SENSITIVITY: MAG PHONO: 4mv; TAPE HEAD: 2 mv; MIC: 6mv; TUNER AND AUXILIARY: 0.5v. HUM AND NOISE LEVEL (below 14W): 56 db. on low level, 75 db high level. OUTPUT: 4, 8, and 16 ohms. TUBE COMPLEMENT: 2-ECC82/12AU7, 4-EL84, 2-EZ31. POWER REQUIREMENTS: 115 volts AC, 50-60 cycles. 15x10½x4¾". Shpg. wt., 24 lbs.

G-490WX Kit Net 59.95

HF-81 Same as above, but factory wired.

G-491WX Net 109.95

EICO MODEL HF 86K 28-WATT STEREO HI-FI DUAL POWER AMPLIFIER KIT

14 watts per channel. Williamson circuit with push-pull EL84 output stages. New type 12DW7 tubes for better performance of Williamson circuitry. SPECIFICATIONS: OUTPUT POWER: 28 watts continuous, 56 watts peak. FREQUENCY RESPONSE: \pm 0.5db 10 to 100KC. IM distortion: 0.5% at 10 watts (60 & 7000 cps at 4:1). HARMONIC DISTORTION: less than 1% at rated output. STABILITY MARGIN: 15db. HUM: 90db below rated output.

put. SENSITIVITY: 1.15 V for 14W. output. SPEAKER CONNECTIONS: 4, 8, 16, 32 ohms. TUBE COMPLEMENT: 2-12DW7, 4-EL84, 2-EZ81. POWER REQUIREMENTS: 115 watts at 117 volts AC, 50-60 cycles. 5x13½x9". Shpg. wt., 16 lbs.

G-494 Kit Net 43.95

HF-86 Same as above, but factory wired.

G-495 Net 74.95

EICO HFT-92K HI-FI FM/AM TUNER KIT

Pre-wired and pre-aligned, the FM section employs full-wave rectification and heavy filtering for stability. Broad-band ratio detector with stable low threshold limiting provides a sensitivity of 1.5 uv for 20db quieting. FREQUENCY RESPONSE: 20-2000 cps \pm 1db for FM, 20-5000 cps \pm 3db for AM. ANTENNA INPUT: 300 ohms FM. Ferrite Rod for AM. POWER REQUIREMENTS: 117 volts AC, 60 cps. 3½x12x8¼". Shpg. wt., 12 lbs.

G-507WX Net 59.95

Model HFT-92 Same as above, but factory wired.

G-508WX Net 94.95

EICO MODEL HF-89K 100-WATT STEREO DUAL AMPLIFIER KIT

A new ultra-linear dual 50-watt amplifier. SPECIFICATIONS: FREQUENCY RESPONSE: \pm 0.5db 5 cps—100KC. HARMONIC DISTORTION: less than 2.25% from 30 to 15,000 cps and less than 1% from 20-20,000 cps within 1 db of 100 watts. IM DISTORTION: 0.5% at 100 watts. CHANNEL SEPARATION: 60db. SENSITIVITY: 0.55V for full output. OUTPUTS: 4, 8, and 16 ohms. TUBE COMPLEMENT: 1-ECC83, 2-6SN7GTB, 4-EL34, 2 silicon diode rectifiers. Surgistor protected. POWER REQUIREMENTS: 215 watts at 117 volts AC, 60 cycles. 15x11x6". Shpg. wt., 37½ lbs.

G-514WX HF-89 Kit Net 99.50

G-515WX HF-89 Wired Net 139.50

EICO E-8 enclosure for HF-89

G-510W Net 4.50

EICO HIGH FIDELITY AM TUNER KIT HFT94K

The new HFT94K is a basic AM tuner kit designed for hi-fi applications. Features include: slide-rule dial, fly wheel tuning low inter-station noise, tuned RF stage, built-in ferrite loop antenna, pre-wired traveling eye indicator and pre-aligned RF & IF coils. SPECIFICATIONS: SENSITIVITY: 3uv at 30% mod. for 1v output. SELECTIVITY: (wideband) 14KC bandpass; (narrow band) 7KC bandpass. FREQUENCY RESPONSE: 20-9000 cps (wide), 20-5000 cps (narrow) OUTPUT: low impedance plate follower. Extra recording output.

POWER REQUIREMENTS: 110-125 volts AC, 60 cps. 3½x12x8¼". Shpg. wt., 12 lbs.

G-500 Net 39.95

HFT94 Same as above, but factory wired.

G-501 Net 65.95

EICO MODEL HF30K 30-WATT BASIC POWER AMPLIFIER KIT

Uses 4 of the remarkable EL84 output tubes in a push-pull parallel arrangement. SPECIFICATIONS: IM DISTORTION: 0.35% at 10 watts. HARMONIC DISTORTION: below 1% at 30 watts. FREQUENCY RESPONSE: 15-50,000 cps \pm 0.5db at 30 watts. SENSITIVITY: 1.24 volts for 30 watts out. HUM: 80db below rated output. SPEAKER CONNECTIONS: 4, 8, and 16 ohms. TUBE COMPLEMENT: 1-6AU6, 1-ECC 90/6C4, 4-EL84, 2-EZ81.

Rectifiers. POWER REQUIREMENTS: 125 Watts at 117 volts AC, 60 cps. 5x12x7".

Shpg. wt., 17 lbs.

G-504 Net 39.95

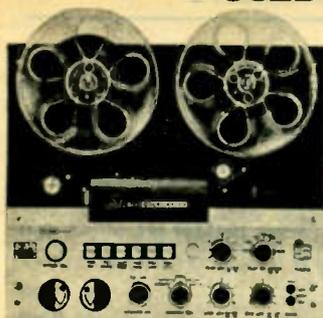
HF30 Same as above, but factory wired.

G-505 Net 62.95

E-4 Cover for HF30 Shpg. wt., 3 lbs.

G-506 Net 3.95

BUILD **EICO** HI-FI KITS SAVE MONEY



NEW! EICO RP-100K TAPE DECK KIT

- Separate Transistor Stereo Record and Playback Amplifiers
- 1/4 Track Heads For Erase/Record/Playback
- New Hysteresis — Synchronous Capstan Motor

A new, precision stereo/monaural tape deck, the RP-100 provides stereo/mono 1/4 track erase, record, and playback; plus 1/2 track stereo/mono playback. Separate record and playback heads and preamps permit simultaneous stereo playback

from tape while recording. Sound-on-sound recordings can be obtained without changing any connections. Features: Dual meters for monitoring stereo record levels; professional hysteresis-synchronous capstan motor; 2 take-up and rewind motors, automatic end of tape switch and improved drive system. SPECIFICATIONS: Tape Speed — 7 1/2 or 3 3/4 ips; up to 7" reel size; Flutter and Wow 0.15% at 7 1/2 ips, 0.2% @ 3 3/4 ips; Frequency response: 30-17,000 cps @ 7 1/2 ips, 40-15,000 cps @ 3 3/4 ips; Signal-to-noise ratio — 55 db. Timing accuracy — 0.3%. RP-100K Semikit: Includes transport completely assembled and tested with 3 heads; stereo record, and stereo playback preamps in kit form. Dimensions: 15 1/4" wide, 13 3/8" front-to-back, 7" deep. Shpg. wt., 28 lbs.

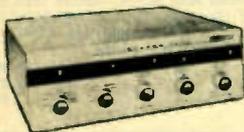
RK-275WX Net 299.95
 RP-100W wired and tested with 3 heads, stereo record, playback preamplifiers.
RK-276WX Net 399.95
 MODEL CC-2 Luggage Type with detachable cover for RP-100.
RK-277W Shpg. wt. 13 lbs. Net 29.95



EICO ST-40K 40-WATT STEREO INTEGRATED AMPLIFIER KIT

The ST-40 contains 2 twenty watt amplifiers and a complete stereophonic hi-fi control center on one chassis. FEATURES: Switched sets of stereo inputs including magnetic phono (2), tape head, preamplified tape, FM-AM stereo tuner, FM-FM Multiplex, and Auxiliary. Balance Check switch. Loudness/level switch. Bass and treble controls. Other controls include: Six position mode selector, tape monitor, scratch and rumble. Output 4, 8, and 16 ohm. Third channel speaker connection. Specifications: IM distortion—2% at 40 watts; Harmonic Distortion—1/2% at 40 watts; Frequency response—± 1/2 db. 20-20,000 cps. Shpg. wt., 27 lbs.

G-520WX Net 79.95
G-521WX Same as above, but wired. Net 129.95

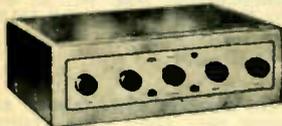


EICO ST-70K 70 WATT STEREO INTEGRATED AMPLIFIER KIT

Consists of 2-35 watt amplifiers and a complete stereophonic hi-fi control center on one chassis. Stereo inputs in switched sets including: 2 magnetic phono (one for turntable, one for changer); tape head, preamplified tape, FM-AM stereo tuner, FM-FM Multiplex, and Auxiliary. Controls: Level with balance check switch and loudness/level switch; bass, treble, six-position mode selector, blend, tape speed, tape monitor, scratch, and rumble. Output: 4, 8, and 16 ohm speaker. Third channel output available. Specifications: IM Distortion — 2% at 70-watts. Harmonic Distortion — 1/2% at 70 watts. Frequency response — ± 1/2 db, 20-20,000 cps. Shpg. wt., 35 lbs.

G-518WX Net 94.95
 As above, but factory wired.
G-519WX Net 149.95

EICO MODEL HF-32K HI-FI INTEGRATED AMPLIFIER KIT



An extremely versatile 30-watt pre-amp amplifier combination at a reasonable price. The HF32K combines a highly stable, wide frequency range power amplifier with a multi-use preamp. 3 low level inputs for magnetic phono, tape head, and microphone. 3 high level inputs for TV or Tuner, crystal or ceramic cartridge, or tape. Features: Frequency response — ± 0.5 db, 15-50,000 cps. Output to match 4, 8 and 16 ohms; IM Distortion — 2% at 30 watts; Harmonic Distortion — Below 1%, 20-20,000 cps 1 db. Below 30 watts; Sensitivity — (input for rated output) Mag. Phono — 5 mv, Tape Head — 2 mv, Microphone — 4 mv, High Level — 2 mv; Power output 30 watts continuous. For 117 volts, 60 cps AC. Size 15x4 1/4 x 10 1/2". Shpg. wt., 28 lbs.

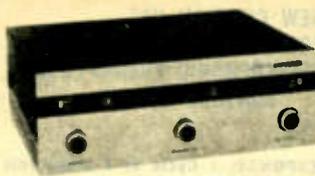
G-420WX Net 57.95
HF32 Same as above, but factory wired.
G-421WX Net 89.95



EICO TRANSISTOR RECEIVER KIT MODEL RA6-K

Here is a modern, 6-transistor portable—easy to build at remarkably little cost. Provides high sensitivity, selectivity, undistorted sound output. Features include: built in Ferrite loop antenna, pre-aligned RF and IF transformers, 4x6" oval PM speaker, vernier tuning, earphone jack. No test instruments needed. In simulated tan leather case with retractable handle. Size 8 1/2 x 4 1/2 x 2 1/2". Shpg. wt., 3 lbs Requires battery (not included).

G-410 Kit Net 29.95
G-411 Factory wired Net 49.95
BA-180 Battery (NEDA 1602) wt., 5 oz. Net 1.30



NEW ST-97 FM STEREO TUNER KIT

- Wide-Band Response
- Automatic Stereo Indicator Lamp

Quality FM Stereo Tuner with built-in multiplex circuitry. Employs pre-wired and pre-aligned front end, IF strip and wide-band ratio detector. Features AFC with defeat. Cathode follower driven Slide-rule tuning with tuning indicator. Stereo indicating pilot lamp, automatically lit by stereo pilot carrier. Controls: Tuning, Separation, AFC on-off, stereo-mono, and power on-off switches. SPECIFICATIONS: IHFM Sensitivity: 3µV (1.5µV for 20 db quieting); IHFM S/N Ratio: 55 db; Harmonic Distortion 0.6%; IHFM IM Distortion 0.2%; IHFM capture ratio: 3 db; Drift: 0.2% without AFC; 5 to 1 correction with AFC. Frequency Response ± 1 db 20 cps — 15 KC; Channel Separation 30 db. Size: HED — 5 1/2 x 15 7/8 x 1 3/4" D. Shpg. wt., 17 lbs.

G-444WX FM Tuner Kit Net 99.95
G-445WX FM Tuner Wired Net 149.95



NEW! EICO ST-84 STEREO PREAMPLIFIER

A comprehensive self-powered stereo preamplifier which features 0.05% distortion or less on all basic functions (mag phono, tuner, tape). Input and mode selectors each have seven positions each for maximum flexibility. Independent bass and treble controls provide true variable crossover control to boost or cut. Tape recorder outputs are not affected by controls. Has high and low frequency filtering, Tape Speed equalization and monitor switches for top tape control flexibility. Also includes level, and balance controls and a loudness switch. Frequency Response is 0.3 db from 5 to 25,000 CPS. Hum and noise is a 65db for low level inputs and —75db for high level inputs. RIAA phono equalization and NARTB for Tape. Tube Complement five 12AX7/ECC83 plus one 6X4. Metal cover is included. Finished in brush gold aluminum faceplate with brown accenting band. Size: 5 1/2 H x 15 7/8 W x 8 3/4" D.

G-523WX ST-84 Kit Net 59.95
G-524WX ST-84 Wired Net 89.95



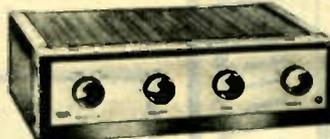
NEW! MODEL MX-99 FM MULTIPLEX ADAPTER

The EICO MX-99 is a self-powered multiplex adapter. It is free of phase distorting Filters and meets or exceeds the required suppression of all spurious signals including the SCA (67KC) background music carrier, reinserted (38KC) sub-carrier, the (19KC) pilot carrier and all harmonics thereof. This factor is very important for high quality

stereo tape recording. This adapter will synchronize with any usable output from the FM tuner. Provides automatic stereo-monophonic operation and includes low impedance cathode follower outputs. An indicator lamp turns on when a station is broadcasting multiplex stereo. It can achieve channel separation of 35db. The MX-99 is designed for all EICOD FM equipment (HFT-90, HFT-92, ST-96), and any other component quality ratio detector FM tuners provided with a multiplex output. Size: 9 1/2 H x 6 3/8 W x 3 1/4" D. Shpg. wt., 7 lbs.

G-442 Kit 39.95
G-443 Factory wired and tested 64.95

EICO 12-WATT HI-FI AMPLIFIER . . . PREAMP



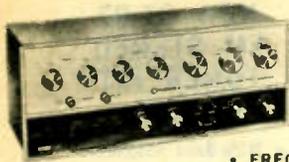
Compact, attractively styled amplifier with complete front end facilities and true high fidelity performance. Direct tape head and magnetic phono inputs with NARTB (tape) and RIAA (phono) feedback equalizations. Power output: 12 watts continuous, 25 watts peak. Intermodulation distortion 1.5% at 12 watts, 0.55% at 6 watts, 60 to 6000 cps. Frequency response: 12-50,000 cps ± 0.5 db at 1 watt; 25-20,000 cps ± 0.5 db at 12 watts. Controls: Selector switch, level control, bass and treble controls. Speaker connections for 16, 8, and 4 ohms. Tubes: (2) ECC83/12AX7, ECC82/12AU7, (2) EL84, EZ81. Size: 3 1/2 H x 12 W x 8 1/4" D. Shpg. wt., 13 lbs. With instructions.

G-424 Kit Net 34.95
HF12 As above, but factory wired.
G-425 Net 57.95

EICO BASIC AMPLIFIER KITS

| Stock No. | EICO No. | Description | Shpg. Wt. | Net |
|----------------|----------|------------------------------|-----------|-------|
| G-412WX | HF-35K | 35 Watt Power Amp. Kit | 25 lbs. | 47.95 |
| G-413WX | HF-35 | 35 Watt Power Amp.—Wired | 25 lbs. | 72.95 |
| G-414W | E-2 | Matching Enclosure for HF-35 | 3 lbs. | 4.50 |
| G-415WX | HF-22K | 22 Watt Power Amp. Kit | 25 lbs. | 38.95 |
| G-416WX | HF-22 | 22 Watt Power Amp.—Wired | 25 lbs. | 61.95 |
| G-414W | E-2 | Matching Enclosure for HF-22 | 3 lbs. | 4.50 |
| G-417 | HF-14K | 14 Watt Power Amp. Kit | 10 lbs. | 23.50 |
| G-418 | HF-14 | 14 Watt Power Amp.—Wired | 10 lbs. | 41.50 |
| G-419 | E-6 | Matching Enclosure for HF-14 | 3 lbs. | 4.50 |

CITATION STEREO HIGH FIDELITY EQUIPMENT



NEW CITATION "A" PROFESSIONAL SOLID STATE STEREOPHONIC PREAMPLIFIER CONTROL CENTER

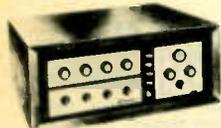
- FREQ. RESPONSE: 1 Cycle to 1 Megacycle
- 33 TRANSISTORS

A new advanced professional type all-transistor preamp. Seven high-gain, wide-band stages yield over 200 db of forward gain with feedback removed. All circuits are temperature compensated. Military type construction throughout. SPECS: Freq. response +0—25db 1 cps to 1 MC; Square wave, less than 5% tilt at 5 cps; Har. Dist.—Unmeasurable; IM distortion, less than 0.05% from 40 to 140° F; Sensitivity 0.25v; Noise—low level phono—70 db, high level—85 db; output 2 to 6v. In addition to standard stereo controls the "A" features push button selector switch, stereo phone receptacle, and front panel tape head controls. Tone controls are professional-step-type. 4 switched AC outlets. 6 position function switch. Size: 14 $\frac{1}{2}$ Wx5 $\frac{1}{2}$ Hx7"D. Shpg. wt., 19 lbs.
G-695WX Citation A Kit Net 249.95
G-696WX Citation A wired No Money Down Net 349.50



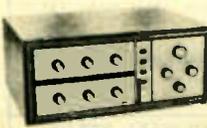
CITATION III X FM STEREO TUNER KIT

Famous Citation tuner III now has built-in multiplex. Outstanding sensitivity is featured with a completely assembled and prealigned front end and converting IF sections. Maximum selectivity is assured by Nuvistor Front end followed by three wide band IF stages. Sensitivity 0.65 microvolts for 20db quieting. Frequency response \pm 0.5db, 1-52,000 CPS, (mono) 10-15,000 CPS (stereo); Dual cascaded gated beam limiters; Foster-Seeley discriminator. Hum: 65db below 100% modulation. Stereo Separation, —30db at 10-15,000 CPS. 6x14 $\frac{1}{2}$ x12 $\frac{1}{4}$ ". For 110-120V AC. Shpg. wt., 33 lbs.
G-364WX Citation III X Stereo Tuner Kit Net 219.95
G-374WX Citation III X Stereo Tuner wired Net 299.95
G-365WX Citation III FM Tuner Kit with multiplex output Jack. Shpg. wt., 32 lbs. Net 149.95
G-366WX Citation III wired with Multiplex output jack Net 229.95
G-232W WC1 walnut enclosure for Citation III and III X Net 29.95
G-373WX Citation III MA FM Stereo Adapter wired. Shpg. wt., 3 lbs. Net 79.95



HARMAN-KARDON CITATION I KIT Stereo Preamplifier Control Center

A high quality stereo-monoaural preamp-control unit. Inputs: 12 (six pairs) — Aux, Tape Amp, Tuner, low-level phono, high-level phono. Outputs: 5-Two main preamp outputs plus a third channel output, two tape outputs for recording. Mode selector chooses output types: stereo, recording. Mode Reverse. IM DISTORTION: Less than 0.05% at 2 volts. RESPONSE: \pm .5 db 5-80,000 cps. Tubes: 9-ECC83/12AX7 plus silicon rect. POWER REQUIREMENTS: 110V AC, SIZE: 14 $\frac{1}{2}$ Wx12 $\frac{1}{4}$ Dx6"H. Shpg. wt., 20 lbs. Gold & Charcoal brown finish.
G-230WX Kit No Money Down Net 159.95
G-231WX Wired Net 249.95
G-232W Walnut Enclosure Net 29.95



HARMAN-KARDON CITATION IV KIT STEREOPHONIC PREAMPLIFIER CONTROL CENTER

The Citation IV is a compact stereophonic preamplifier. FREQUENCY RESPONSE: \pm $\frac{1}{2}$ db, 5-80,000 cps. DISTORTION: .05% at 2 volts. NOISE: 85 db below rated output (2v). SENSITIVITY: Hi Level: 0.2v; Lo Level: 2.5 μ v in phono position. INPUTS: Aux, Tape Amp, tuner, Phono. MODES: Stereo, Reverse, A+B, Channel A, Channel B. TUBE COMPLEMENT: 6-ECC83/12AX7, 4-semiconductor rectifiers. POWER: 110-120 volts AC, 60 cps. 14 $\frac{1}{2}$ Wx11x5 $\frac{1}{2}$ ". Shpg. wt., 16 lbs.
G-367WX Citation IV Kit Net 119.95
G-368WX Citation IV Wired Net 189.95
Walnut Enclosure for Citation IV G-232W Net 29.95



HARMAN-KARDON CITATION II KIT 120 Watt Stereophonic Hi-Fi Power Amplifier

Two ultra-linear type amplifiers deliver 60 watts each channel or a total of 120 monoaural. Frequency Response: 18-40,000 cps + 0 to —1.0 db @ 60 watts, 2-80,000 cps + 0 —1.0 db @ 1 watt; IM Distortion: Less than .5% @ 60 watts, Harmonic Distortion: Less than 0.5%. 20-20,000 cps @ 60 watts, Output 4, 8, 16 ohms. Tubes: 6-12BV7Z, 4-KT88, plus 4-Silicon Diodes & 1 Selenium rect. Dimensions: 16 $\frac{1}{2}$ Wx9Hx11 $\frac{1}{2}$ "D. Charcoal Brown & Gold Finish. Shpg. wt., 60 lbs.
G-233WX Kit NO MONEY DOWN Net 159.95
G-234WX Wired Net 229.95
G-235W Charcoal Brown Metal Enclosure Net 7.95



HARMAN-KARDON CITATION V KIT 80-WATT STEREOPHONIC BASIC POWER AMPLIFIER

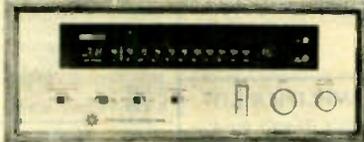
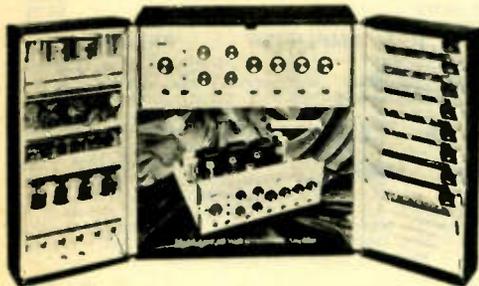
Conservatively rated at 40 watts/channel (continuous), 95 watts/channel (peak). HARMONIC DISTORTION: less than 0.5% at 40 watts. IM DISTORTION: Less than 0.5% at 40 watts. FREQUENCY RESPONSE: 7-45,000 cps \pm 1.0 db at 40 watts. HUM AND NOISE: Better than 85 db below 40 watts. OUTPUT IMPEDANCE: 4, 8 and 16 ohms. TUBE COMPLEMENT: 2-12BY7A, 2-6CG7, 4-7581 plus 4 silicon diodes and 1 selenium rectifier. POWER: 250 watts at 110-120 volts AC, 60 cps. 13 $\frac{1}{2}$ Wx5 $\frac{1}{2}$ Hx11 $\frac{1}{4}$ ". Shpg. wt., 40 lbs.
G-369WX Citation V Kit Net 119.95
G-370WX Citation V Wired Net 179.95
G-371W AC X Metal Cage for Citation V Net 7.95

UP TO 24 MONTHS TO PAY SEE PAGE 381

harman kardon

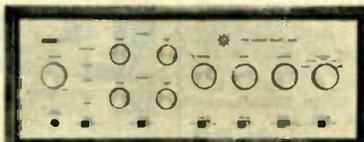
HI-FI STEREO AWARD SERIES

AWARD KIT SERIES



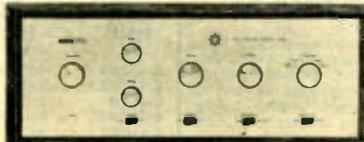
F 50 X K

MODEL F50XK FM Stereo Multiplex Tuner Kit. Special wide-band audio output circuitry, 3 IF stages, and triode grounded grid RF stage provide extended sensitivity and Freq. response. Sensitivity. IHFM 2.8 μ v @ 20 db S/N. Freq. Response 10-52,000 cps \pm 1 db. Built-in multiplex and tuning meter. Brushed gold panel. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx12"D. Shpg. wt., 22 lbs.
G-659WX No Money Down Net 129.95



A 50 K

MODEL A50K 50 Watt Integrated Stereo Amplifier Kit. 25 watts per channel music power output. Features center channel gain control, blend control with lamps and front panel stereo headphone jacks. 9 tubes. Freq. Response 12-70,000 cps \pm 1 db. Hum — 85 db. High level input sensitivity, 200 μ v. for rated output; phono input 2 μ v., 12 Stereo Inputs: 2 Mag. phono, 2 tape head, 2 crystal phono, 2 tuner 2 tape amp, 2 aux., 2 tape monitor. Brushed gold front panel. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx12"D. Shpg. wt., 32 lbs.
G-660WX No Money Down Net 119.95



A 30 K

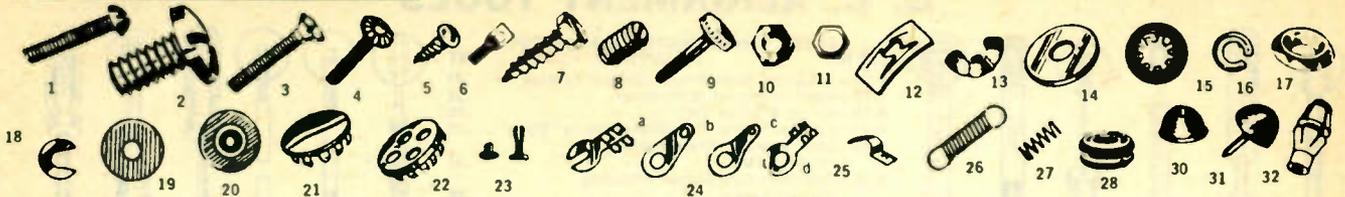
MODEL A30K 30-Watt Integrated Stereo Amplifier Kit. Features continuously variable blend control to fill the "hole in the middle," ganged bass and treble controls. Has 9 tubes plus two silicon rectifiers. Freq. Response: 15-70,000 cps \pm 1 db. Hum — 80 db. Excellent B+ regulation by silicon diode power supply. Music power output, 15 watts per channel. 8 Stereo inputs. Power consumption, 90 watts. Brushed gold front panel. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 25 lbs.
G-661WX NO MONEY DOWN Net 79.95

ENCLOSURES FOR AWARD SERIES KITS

Model WW50 — Walnut Enclosure For A30K, A50K, F50XK. Shpg. wt., 5 lbs.
G-247WX Net 29.95

Model CX50 — Metal Enclosure For A30K, A50K, F50XK. Shpg. wt., 2 $\frac{1}{2}$ lbs.
G-248W Net 12.95

G.C. and WALDOM Radio & T.V. Hardware and Chemicals



| Size | 35c Box Stock No. | Qty. | Box of 100 Stock No. | Net | Box of 1000 Stock No. | Net | Size | 35c Box Stock No. | Qty. | Box of 100 Stock No. | Net | Box of 1000 Stock No. | Net | Size | 35c Box Stock No. | Qty. | Box of 100 Stock No. | Net | Box of 1000 Stock No. | Net | | | | | | |
|---|-------------------|------|----------------------|------|-----------------------|-------|-------------------------------------|---|-------|----------------------|-------|-----------------------|---------------|---|-------------------|-------------------------------------|---|------------|---|-------------|-------------|-------------|-------------|-------------|--|--|
| Fig. 1 — Round Head Machine Screws | | | | | | | Fig. 8 — Knob Set Screws | | | | | | | Fig. 18 — C Washers | | | | | | | | | | | | |
| 4-36x1/4" | P-80 | 40 | P-170 | .47 | P-321 | 3.79 | Asst'd. | P-148 | 15 | | | | Asst'd. | | | P-201 25 | | | | | | | | | | |
| 4-36x1/2" | P-81 | 35 | P-82 | .51 | P-322 | 4.10 | Fig. 9 — Needle Set Screws | | | | | | Asst'd. | | | Fig. 19 — Flat Fibre Washers | | | | | | | | | | |
| 4-36x3/4" | P-83 | 35 | P-84 | .59 | P-323 | 4.77 | Asst'd. | P-149 | 12 | P-150 | 12 | P-151 | .65 | P-402 | 5.17 | Asst'd. | | | Fig. 20 — Extruded Fibre Washers | | | | | | | |
| 6-32x1/4" | P-85 | 40 | P-86 | .52 | P-324 | 4.17 | 2-56x3/8" | P-152 | 12 | P-153 | 1.64 | P-403 | 13.05 | Asst'd. | | | P-202 35 | | | | | | | | | |
| 6-32x1/2" | P-87 | 30 | P-88 | .61 | P-325 | 4.83 | 1-72x3/32" | Fig. 2 — Phono Cartridge Mtg. Screws | | | | | | Asst'd. | | | Fig. 20 — Extruded Fibre Washers | | | | | | | | | |
| 6-32x3/4" | P-89 | 30 | P-90 | .72 | P-326 | 5.68 | Asst'd. | P-154 | 60 | | | | Asst'd. | | | P-203 30 | | | | | | | | | | |
| 6-32x1" | P-91 | 30 | P-92 | .81 | P-327 | 6.54 | Fig. 10 — Hex Nuts | | | | | | Asst'd. | | | P-204 20 | | | P-205 .96 P-439 7.76 | | | | | | | |
| 6-32x1 1/4" | P-93 | 30 | P-94 | .98 | P-328 | 7.84 | Asst'd. | P-155 | 30 | | | | Asst'd. | | | Fig. 21 — Hole Plugs | | | | | | | | | | |
| 8-32x1/4" | P-95 | 30 | P-96 | .69 | P-329 | 5.44 | 4-36x1/4" | P-156 | 30 | P-157 | .66 | P-404 | 5.17 | P-206 8 | | | P-207 2.20 | | | P-440 17.64 | | | | | | |
| 8-32x3/8" | P-97 | 25 | P-98 | .73 | P-330 | 5.86 | 6-32x1/4" | P-158 | 30 | P-159 | .67 | P-405 | 5.41 | P-208 8 | | | P-209 3.02 | | | P-441 24.11 | | | | | | |
| 8-32x1/2" | P-99 | 25 | P-100 | .80 | P-331 | 6.35 | 8-32x3/8" | P-160 | 30 | P-161 | .72 | P-406 | 5.70 | P-210 6 | | | P-211 3.02 | | | P-442 24.11 | | | | | | |
| 8-32x3/4" | P-101 | 25 | P-102 | .91 | P-332 | 7.27 | 8-32x1" | P-162 | 30 | P-163 | .72 | P-407 | 5.73 | P-212 5 | | | P-213 3.50 | | | P-443 28.22 | | | | | | |
| 8-32x1" | P-103 | 20 | P-104 | 1.01 | P-333 | 8.33 | 10-32x1/2" | P-164 | 30 | P-165 | .72 | P-408 | 5.73 | P-214 6 | | | P-215 4.85 | | | P-444 38.81 | | | | | | |
| 10-32x1/2" | P-105 | 20 | P-106 | .93 | P-334 | 7.48 | 10-32x3/8" | P-166 | 30 | P-167 | .95 | P-409 | 7.53 | Fig. 22 — Vent Hole Plug | | | | | | | | | | | | |
| 10-32x3/4" | P-107 | 20 | P-108 | 1.10 | P-335 | 8.75 | Fig. 11 — Mounting Nuts | | | | | | Asst'd. | | | P-216 4 P-217 7.94 | | | P-445 63.86 | | | | | | | |
| 10-32x1" | P-109 | 17 | P-110 | 1.23 | P-336 | 9.85 | Asst'd. | P-168 | 12 | | | | Asst'd. | | | Fig. 23 — Snap-In Trimounts | | | | | | | | | | |
| Fig. 2 — Binding Head Machine Screws | | | | | | | Fig. 11 — Mounting Nuts | | | | | | | Fig. 18 — C Washers | | | | | | | | | | | | |
| Asst'd. | P-111 | 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5-36x1/4" | P-112 | 35 | P-113 | .52 | P-337 | 4.12 | Vol. Cont. | P-169 | 15 | | | | No. 8A | | | P-218 25 | | | P-219 1.18 | | | P-446 9.38 | | | | |
| 6-32x1/4" | P-114 | 35 | P-115 | .52 | P-338 | 4.15 | Toggle Sw. | P-171 | 10 | | | | No. 8B | | | P-220 30 | | | P-221 .85 | | | P-447 6.74 | | | | |
| 7-32x3/8" | P-116 | 30 | P-117 | 1.54 | P-339 | 12.23 | Ring Nut | P-172 | 8 | | | | No. 8C | | | P-222 25 | | | P-223 1.81 | | | P-448 14.55 | | | | |
| Fig. 3 — Oval Head Rack & Cabinet Screws | | | | | | | Fig. 12 — Speed Nut | | | | | | | Fig. 20 — Extruded Fibre Washers | | | | | | | | | | | | |
| 6-32x3/4" | P-118 | 30 | P-119 | .72 | P-340 | 5.68 | Asst'd. | P-173 | 30 | | | | Asst'd. | | | P-224 25 | | | P-225 1.11 | | | P-449 8.94 | | | | |
| 8-32x3/4" | P-120 | 25 | P-121 | .91 | P-341 | 7.27 | Fig. 12 — Acorn Nuts | | | | | | Asst'd. | | | P-226 25 | | | P-227 1.11 | | | P-501 8.94 | | | | |
| 10-32x3/4" | P-122 | 20 | P-123 | 1.10 | P-342 | 8.75 | Asst'd. | P-174 | 10 | | | | Asst'd. | | | P-228 25 | | | P-229 .96 | | | P-502 7.67 | | | | |
| Fig. 4 — Ornamental Head Screws | | | | | | | Fig. 13 — Wing Nuts | | | | | | | Fig. 26 — Tension Springs | | | | | | | | | | | | |
| Asst'd. | P-124 | 20 | | | | | | | | | | | | | Asst'd. Large | | | P-234 10 | | | | | | | | |
| 6-32x3/4" | P-125 | 20 | P-126 | 1.24 | P-343 | 10.06 | 6-32 | P-175 | 10 | P-176 | 3.25 | P-425 | 25.99 | Asst'd. Small | | | P-235 10 | | | | | | | | | |
| 6-32x1" | P-127 | 20 | P-128 | 1.37 | P-344 | 11.06 | 8-32 | P-177 | 10 | P-178 | 2.40 | P-426 | 19.26 | Asst'd. Large | | | P-236 15 | | | | | | | | | |
| 8-32x1 1/4" | P-129 | 12 | P-130 | 1.93 | P-345 | 14.99 | 10-32 | P-179 | 8 | P-180 | 2.68 | P-427 | 21.46 | Asst'd. Large | | | P-237 15 | | | | | | | | | |
| Fig. 5 — Wood Screws | | | | | | | Fig. 14 — Metal Washers | | | | | | | Fig. 27 — Compression Springs | | | | | | | | | | | | |
| Asst'd. | P-131 | 25 | | | | | | | | | | | | | Asst'd. Small | | | P-238 15 | | | | | | | | |
| No. 4x1/2" | | | P-132 | .76 | P-346 | 6.11 | Asst'd. | P-181 | 80 | | | | Asst'd. Large | | | P-239 15 | | | | | | | | | | |
| No. 6x3/4" | | | P-133 | .95 | P-347 | 7.58 | No. 6 | | P-183 | .27 | P-428 | 2.21 | Asst'd. Small | | | P-240 16 | | | P-239 1.10 | | | P-505 8.75 | | | | |
| No. 6x1" | | | P-134 | 1.18 | P-348 | 9.38 | No. 8 | | P-185 | .29 | P-429 | 2.32 | Asst'd. Large | | | P-241 14 | | | P-241 1.24 | | | P-506 9.88 | | | | |
| Fig. 6 — Spade Bolt #6 Hole | | | | | | | Fig. 15 — Lock Washers | | | | | | | Fig. 28 — Rubber Grommets Mtg. Hole Size Shown | | | | | | | | | | | | |
| Asst'd. | P-135 | 6 | | | | | | | | | | | | | Asst'd. | | | P-242 12 | | | P-243 1.65 | | | P-507 13.23 | | |
| 6-32x7/8" | | | P-136 | 1.52 | P-349 | 12.20 | No. 6 | P-186 | 50 | P-187 | .44 | P-430 | 3.56 | Asst'd. | | | P-244 10 | | | P-245 1.86 | | | P-508 14.85 | | | |
| Fig. 7 — Self Tapping Sheet Metal Screws | | | | | | | Fig. 16 — Split Lock Washers | | | | | | | Fig. 30 — Rubber Feet | | | | | | | | | | | | |
| Asst'd. | P-137 | 25 | | | | | | | | | | | | | Asst'd. | | | P-246 8 | | | P-247 2.82 | | | P-509 25.87 | | |
| No. 4x1/2" | P-138 | 35 | P-139 | .72 | P-397 | 5.88 | No. 8 | P-192 | .47 | P-433 | 3.82 | Asst'd. | | | P-249 30 | | | | | | | | | | | |
| No. 6x1/4" | P-140 | 30 | P-141 | .83 | P-398 | 6.69 | No. 10 | P-193 | .46 | P-434 | 3.63 | Asst'd. | | | P-250 8 | | | P-251 .90 | | | P-510 7.15 | | | | | |
| No. 6x1/2" | P-142 | 25 | P-143 | .90 | P-399 | 7.17 | Fig. 17 — Cup Washers | | | | | | Asst'd. | | | P-252 8 | | | P-253 2.18 | | | P-511 17.39 | | | | |
| No. 8x1 1/2" | P-144 | 20 | P-145 | 1.06 | P-400 | 8.46 | No. 6 | P-196 | .39 | P-436 | 3.12 | Asst'd. | | | P-254 10 | | | P-255 1.81 | | | P-512 14.48 | | | | | |
| No. 10x1 1/2" | P-146 | 15 | P-147 | 1.25 | P-401 | 9.93 | No. 8 | P-198 | .41 | P-437 | 3.31 | Asst'd. | | | P-256 5 | | | P-257 5.16 | | | P-513 41.27 | | | | | |
| Fig. 8 — Knob Set Screws | | | | | | | Fig. 17 — Cup Washers | | | | | | | Fig. 32 — Cord Strain Belief | | | | | | | | | | | | |
| Asst'd. | | | | | | | Asst'd. | | | | | | | Asst'd. | | | | | | | | | | | | |



LAFAYETTE "Sprazon" — ENAMEL & PROTECTIVE SPRAYS

SPRAY PAINT

Modern fast way to paint. Give a lasting finish to all types of surfaces. Time tested alkyd resin spray enamel base. Made by dependable chemists under the

strictest quality control, superior in quality and performance. Can be used on garden tools, furniture, boats, appliances, tools, automobiles, furnaces, kitchen cabinets, picture frames and etc. 16 oz. can. Shpg. wt., 1 1/2 lbs.

| Stock No. | Color |
|-----------|---------------|
| P-480 | Glossy White |
| P-481 | Flat White |
| P-482 | Ivory |
| P-483 | Glossy Black |
| P-484 | Flat Black |
| P-485 | Machine Gray |
| P-486 | Dove Gray |
| P-487 | Cherry Red |
| P-488 | Baby Pink |
| P-489 | Regal Blue |
| P-490 | Alpine Blue |
| P-491 | Hunter Green |
| P-492 | Mist Green |
| P-493 | Orange Flame |
| P-494 | Bright Yellow |
| P-495 | Pastel Yellow |
| P-496 | Brown |
| P-497 | Bright Silver |
| P-498 | Bright Gold |

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• For Indoors and Outdoors

• Dries in Minutes

16-oz. can,
89 ea.

Any 3,
.79 ea.

CRYSTAL CLEAR PROTECTIVE SPRAY

Forms a clear protective coating on metal, wood, paper, etc. Has high weather proofing qualities. 16 oz. can. Shpg. wt., 1 1/2 lbs.

P-499 Lots of 3 Net ea. .89
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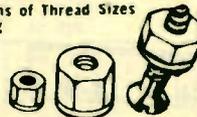
Provides excellent bond on bare metal surfaces. Available in gray only. 16 oz. can. Shpg. wt., 1 1/2 lbs.

P-500 Lots of 3 Net ea. .89
..... ea. .79

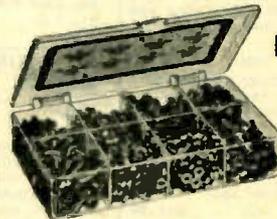
DUPONT NYLON NUT KIT

- Fits Over 250 Combinations of Thread Sizes
- Self Tapping! Self Locking

.73



A selection of 21 tough DuPont Nylon nuts for hundreds of uses in the home or shop. Fits sizes from 1/4" to 3/8" diameter. The nylon nut is strong, durable and lightweight with outstanding resistance to vibration, impact, corrosion, hot and cold temperatures, and chemical erosion. Fits over 250 combinations of thread sizes—U.S., foreign, left hand, right hand, wood screws. Self tapping, self locking. Shpg. wt., 3 oz. HD-789 Net .73



WALDOM HARDWARE KITS

159

SELF-TAPPING SHEET METAL KIT

Contains balanced assortment of plated self-tapping, slotted hex head sheet metal screws in sizes: #4 x 3/8, #6 x 1/2, #6 x 3/4, #8 x 1/2, #8 x 3/4, #8 x 1, and #8 x 3/8. Total of 165 pieces in handy compartmented plastic box with hinged cover. Shpg. wt., 1 lb.

P-317 Net 1.59

MACHINE SCREWS, NUTS AND SHEET METAL SCREW KIT
Packed as above. Contains round-head steel plated machine screws in sizes: 4-40 x 1/2, 6-32 x 1/4, 6-32 x 3/4, 8-32 x 1/2, sheet metal screws, #6 x 1/2 and assortment of nuts. Total of 265 pieces. Shpg. wt., 1 lb.

P-318 Net 1.59

BINDER HEAD ASST.

Same as above but machine screws have binder heads.

P-319 Net 1.59

WOOD SCREW KIT

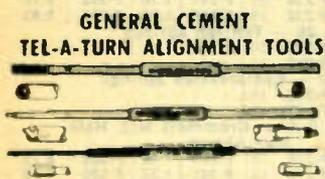
In same handy box. Contains assortment of 131 round head and flat head plated wood screws in 8 sizes for #4, 6 and 8 holes. Shpg. wt., 1 lb.

P-320 Net 1.59

ALIGNMENT TOOLS AND SERVICE AIDS

G. C. ALIGNMENT TOOLS

| LAF NO. | Average Shipping Weight of all below: 8 Ozs. | DESCRIPTION | NET |
|---------|--|---|------|
| P-10 | | Alignment Screwdriver—General Purpose | .41 |
| P-11 | | Short Alignment Screwdriver | .36 |
| P-13 | | K-Tran Aligning Tool | .76 |
| P-14 | | Channel Tuning Screwdriver with 1/8" blade | .71 |
| P-15 | | Short Recessed Blade Aligning Tool for TV & FM | .37 |
| P-16 | | Television Core Aligner (Motorola, Stewart-Warner, etc.) | .56 |
| P-17 | | TV Long-Reach Aligner (Admiral, Zenith, RCA, etc.) | .81 |
| P-18 | | TV Zenith Universal Aligner | .51 |
| P-19 | | TV All-Purpose Duplex Aligner | .51 |
| P-20 | | TV "Shorty" All-Purpose Duplex Aligner | .52 |
| P-21 | | TV Tuning Wand | .52 |
| P-22 | | Zenith TV Wrench & Aligner | .36 |
| P-24 | | Zenith Nylon Hex Wrench | .47 |
| P-30 | | Slug Tuner Adjusting Tool | .65 |
| P-35 | | Westinghouse Tool | .66 |
| P-39 | | TV I.F. Oscillator Tool (RCA, G-E, Philco, Admiral, etc.) | 1.10 |
| P-40 | | TV All-Purpose Aligner, recessed blade | .67 |
| P-42 | | Universal Screwdriver Aligner | .62 |
| P-43 | | Nylon TV Long-Reach Aligner | 1.47 |
| P-44 | | 6" Non-Magnetic Beryllium Aligning Screwdriver 1/4" | .85 |
| P-50 | | X-57 Slim Line Aligning Screwdriver 7" | .52 |
| P-51 | | X-57 Slim Line Aligning Screwdriver 12" | .91 |
| P-53 | | TV Long-Reach Insulated Screwdriver (1/8" blade) | .42 |
| P-54 | | TV 12" Long-Reach Insulated Screwdriver (1/8" blade) | .52 |
| P-56 | | Transistor I.F. core alignment tool | .62 |
| P-305 | | Shorty Alignment Tool Recessed Driver with 1/8" Blade | .47 |
| P-306 | | 5" .125 Hex Nylon Double End Iron Core Tool | .47 |



GENERAL CEMENT TEL-A-TURN ALIGNMENT TOOLS

General Cement brings you the most sensational alignment tool ever developed. It automatically counts the turns right or left. Just insert the tool in screw head or slug, line up calibrator sleeve in center scale, and while holding sleeve steady in one hand rotate tool in either direction as required, read the number of turns on calibrator sleeve and use as a reference. Tools are made of tough, durable, polyester fiberglass with clear plastic calibration sleeve. Shpg. wt., 2 oz. IF Aligner, double ended. One end fits a #4 stud, the other end fits a #6 stud.

P-76 Tel-a-Turn Tool Net .96
An alignment screw driver with standard metal tip at one end. The other end has very thin 7/64" metal blade for small can openings.

P-77 Tel-a-Turn Tool Net .96
A double-ended Hex aligner that turns both top and bottom slugs. One end has .100" hex, other is .125" hex.

P-78 Tel-a-Turn Tool Net .96

INSPECTION MIRROR

Made of metal shaft with 1" dia. glass mirror and plastic handle. Length 7 7/8". Shpg. wt., 5 oz. Net .41

24" PICK-UP TOOL

Has mechanical fingers that will pick up and hold screws, nuts, and bolts. Just press button to open, release button to close. Flexible shaft. Shpg. wt., 4 oz. Net .96

STANDARD T.V. ALIGNMENT TOOL KIT 467

Contains 9 essential tools in roll-type case. One each P-13, P-14, P-15, P-16, P-17, P-18, P-19, P-21, P-39, P-307 Shpg. wt., 8 oz. Net 4.67

G.C. TV ALIGNMENT TOOL KIT

A handy, all-purpose TV kit put up in a convenient plastic container. Kit contains four basic essential tools that will service the majority of TV sets. Contains one each P-40, P-41, P-42, P-305. Shpg. wt., 1 lb. Net 1.91

GC ILLUMINATED MIRROR 198

Battery powered, hinge mounted, inspecting tool with insulated shaft; perfect for inspecting in out-of-the-way places. Locking switch for on-off and one-hand operation. Comes with bulb but less batteries (2 standard penlight cells). 12 1/2" long. P-70 Illuminated Inspection Mirror, Shpg. wt., 1 lb. Net 1.98
Batteries for above. BA-155 .095 ea.

RETMA COLOR CODING KIT 144

Complete kit of all standard RETMA colors. Black, brown, red, orange, yellow, green, blue, purple, gray and white. Brilliant—durable colors. Complete with brushes and RETMA color code chart. Shpg. wt., 2 lbs. Net 1.44

G.C. SERVICE TWEEZERS AS LOW AS .50

Made of polished nickel-plated spring steel. Handy in shop or laboratory for starting nuts and screws, holding wires, clamping cemented items, installing dial cords, etc. Shpg. wt., 4 oz.

P-71—Self-Closing Type. 6 1/2" long, with blunt points .76
P-72—Heavy-Duty Type. 6 1/2" long, with slide lock and blunt points .88
P-73—Precision Type. 4 1/2" L. pointed .50
P-74—All 3 above in leatherette case 2.23

G.C. RADIO PHONO CHASSIS REPAIR CRADLE 485

G.C. "Quick-Rig" makes radio repair work quick and easy. Complete 360° rotation permits you to lock the chassis at the best working angle, clamps chassis securely and eliminates make shift setups. All metal, sturdy construction. Adjustable width for different sizes of turntables, etc. Shpg. wt., 5 lbs. Net 4.85

LUMINOUS LIGHT COAT KIT 3

Long-life, non-poisonous coating absorbs light in the day time and glows in dark. Hundreds of uses in lab, home, office, factory. Contains luminous powder—thinner—Top Koat and brushes. Shpg. wt., 2 lbs. Net 3.17

DELUXE CABINET REPAIR KIT 644

Comes in handy metal box. Contains ten shades of shellac sticks, bottles of light and dark oil stain, bottles of metal shading varnish, polish, General Scratch Stik, alcohol lamp (with alcohol), spatula, small brushes, steel wool, sandpaper, and wiping cloth. No special skill required. Directions. Shpg. wt., 3 lbs. Net 6.44

SCRATCH REMOVER KIT

Combination kit of 6 colors, popular shade of wood Scratch-Stick fillers and 2 bottles scratch remover liquid—walnut and clear. Works on all light and dark wood. P-258 Shpg. wt., 2 lbs. Net 2.21

MINIATURE TUBE PIN STRAIGHTENER

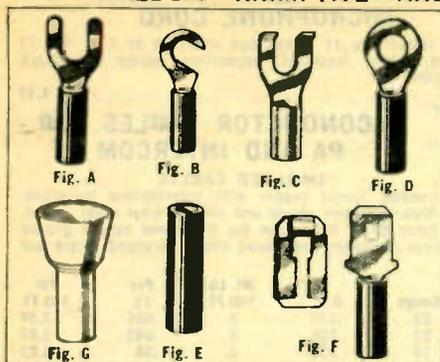
Fig. C. Small precision tube pin straighteners for miniature tubes. Steel die construction for rugged service. Shpg. wt., 6 oz.
P-518 For 7 pin miniature tube Net .73
P-519 For 9 pin miniature tube Net .73

TUBE GADGET

Fig. A. Combination 7 and 9 pin miniature tube straightener and tube puller. Made of rubber with phenolic inserts. Shpg. wt., 4 oz. Net .90

SERVICE AIDS - CHEMICALS - SOLDERLESS CONNECTORS

WALDOM "KRIMPTITE" AND "INSULKRIMP" SOLDERLESS TERMINALS AND CONNECTORS



Available both in "KRIMPTITE" non-insulated or "INSULKRIMP" which have permanently attached rigid vinyl plastic insulating sleeves. Sleeves will not slip off, fracture or unravel. Both types are functionally designed to crimp on rapidly and make positive, uniformly reliable connections. Constructed of annealed electrolytic copper with an electro-tin finish. Other features include strength

gusset, one piece construction, serrated contact area, beveled edge, stamped wire range. Sold only in packages of 100. Column heads: ST is spade tongue; HT is hook tongue; FS is flanged spade; RT is ring tongue; B is butt; QDM is quick disconnect push-on-type male; QDF is female and NI is nylon insulated closed end.

| NON-INSULATED TYPES | | | | INS. TYPES | |
|---------------------|-----|------------|--------------------------|------------|-----------|
| Type | Fig | Wire Range | Stud Size Wd x Lgth. No. | Stock No. | Stock No. |
| ST | A | 22-18 | 5-6 1/8 x 3/8 | P-521 | P-538 |
| ST | A | 22-18 | 8 1/8 x 5/8 | P-522 | P-539 |
| ST | A | 22-18 | 10 1/8 x 3/4 | P-523 | P-540 |
| ST | A | 16-14 | 5-6 1/8 x 3/8 | P-524 | P-541 |
| ST | A | 16-14 | 8 1/8 x 5/8 | P-525 | P-542 |
| ST | A | 16-14 | 10 1/8 x 3/4 | P-526 | P-543 |
| HT | B | 22-18 | 5-6 3/32 x 3/4 | P-527 | P-544 |
| FS | C | 22-18 | 5-6 1/8 x 5/8 | P-528 | P-545 |
| FS | C | 16-14 | 5-6 1/8 x 3/8 | P-529 | P-546 |
| RT | D | 22-18 | 5-6 1/8 x 3/8 | P-530 | P-547 |
| RT | D | 22-18 | 10 1/8 x 3/4 | P-531 | P-548 |
| RT | D | 16-14 | 5-6 1/8 x 3/8 | P-532 | P-549 |
| RT | D | 16-14 | 10 1/8 x 3/4 | P-533 | P-550 |

WALDOM MAINTENANCE TOOL
Ideal inexpensive tool handles wire sizes 22 through 10. Cuts and strips wires, crimps insulated and non-insulated terminals and connectors. Quality hardened steel edges stay sharp. Insulated handles. Shpg. wt., 1 lb. P-557 Net 3.87

NET PER PKG. OF 100, ANY OF ABOVE
NON-INSULATED TYPES 1-9 pkgs., ea. 1.79 10 or more pkgs., ea. 1.43
INSULATED TYPES 1-9 pkgs., ea. 4.16 10 or more pkgs., ea. 3.32

BUTT CONNECTORS. (FIG. 3). Length of non-insulated 3/4", insulated 1/2". *For 22-18 size wire, others for 16-14.
P-534* Non-Insul. 1-9 pkg., ea. 2.00; 10 or more, ea. 1.59
P-551* Insulated 1-9 pkg., ea. 4.91; 10 or more, ea. 3.92
P-535 Non-Insul. 1-9 pkg., ea. 2.00; 10 or more, ea. 1.59
P-552 Insulated 1-9 pkg., ea. 4.91; 10 or more, ea. 3.92

QUICK DISCONNECT PUSH-ON-TYPE. (FIG. F). For H-14 size wire.
P-536 Male, non-ins., 1/4 x 2 1/2 L. 1-9 PKGS. 1D or More
P-537 Female, non-ins., 1/4 x 2 1/2 L. 2.01 ea. 1.60 ea.
P-553 Male insul. 1/4 x 2 1/2 L. 1-9 PKGS. 1D or More
P-554 Female insul. 1/4 x 2 1/2 L. 4.46 3.56

NYLON INSULATED CLOSED END CONNECTORS. (FIG. G).
*Wire Range 22-14, †16-10. Tin plated seamless brass.
Stock No. O.D." I.D." LGTH 1-9 PKGS. 10 or More
P-555* 3/8 1/4 2 1/4 3.03 2.41
P-556† 3/8 3/8 2 1/2 4.51 3.60

NEW—CRIMPING TOOL

- Crimps insulated and non-insulated terminals
- Cuts Bolts - Strips Wire



New model also crimps solderless terminals and connectors. Three tools in one! Cuts and strips wire from sizes 22 to 10. Cuts brass or steel machine screws without damaging the threads; size 10-24, 10-32, 6-32 and 4-40. Has accurately sized stripping notches and precision threaded cutter holes plus stud size gauge stamped on tool. Hardened steel, shock-proof plastic handle. HD-66 Shpg. wt., 1 lb. Net 3.83

SWISH! ENGINE CLEANER AND DEGREASER



Just spray SWISH on—hose off with water. Will not harm paint or stain metals. Safe on aluminum. Cleans off oil—grease—grass clippings—mud—road tars—dried salt spray. Contains no acids or alkali. Can be used on painted surfaces—clothing, upholstery. Aerosol can delivers wet spray—not a mist—at 40 lbs. pressure. Particularly adaptable to marine equipment. Works as well with salt water as with fresh. Shpg. wt., 1 1/2 lbs. HD-721 16.2 oz. can Net 1.44

SWISH! ELEKTROKLEEN

Powerful solvent especially designed for cleaning electronic and electrical equipment and parts. 16 oz.—1/2 more than 12 oz. can! Non-combustible, non-toxic, non-corrosive, leaves no residue. Shpg. wt., 1 1/2 lbs. HD-720 Net 1.44

"RUSTY" RUST REMOVER

- Dissolves Rust from Iron and Steel

.86

A few drops of Rusty and rust dissolves without affecting the sound metal. No more heat or torches necessary; no more long waits. Use for car or home—anywhere there is rust, corrosion, stained porcelain and cement. Frees frozen nuts and bolts; loosens frozen pipe joints. Non-flammable: safe to use. Shpg. wt., 8 oz. AA-108 Net .86



G.C. TRANSISTOR SILICONE COMPOUND



Conducts heat from transistor to chassis. Apply to chassis and transistor whenever transistor replacements are made. Shpg. wt., 10 oz. P-67 Net 2.06



NEW! INSTANT LETTERING

- Instant Dry Transfer
- Meticulous Lettering
- No Equipment Needed

4.95

Quick, simple pressure transfer that leaves no trace of adhesive to sully artwork. Works on wood, paper, card, glass, metal or any other smooth surface. Sharply defined letters, words, and numerals. Package contains 24 sheets. 1 sheet of over 600 numerals and + or -; 1 sheet of prox 400 letters, both pro 1/4" high; and 22 sheets of most often used electronic words, with popular ones repeated. Shpg. wt., 6 oz. P-478 per package Net 4.95
Individual sheets may be reordered in packages of 12 of any 1 sheet (not assorted). Specify sheet number when ordering. P-479 Pkg. Net 2.50

"Liqua Gold"

Chemical Plating Solution

- No Electricity—No special equipment
- Plates by Ionic Displacement
- Will not tarnish—needs no polishing

Gold plate practically any metal object. Not a paint—true gold plating by chemical solution. Uses no electricity—plates by ionic displacement—a tried and true method long used commercially. Plates all common metals—copper, brass, bronze, nickel, iron, steel, tin, pewter, cadmium solder, zinc, etc. Plate novelties—ornaments—ash trays—door knobs—jewelry—buttons—buckles. Plate electrical contacts to end corrosion forever. Printed circuits—connectors—terminals—sockets—plugs—switches—relays. The plating deposit is 24K pure gold. Includes complete instructions. Will plate 300 sq. in. Shpg. wt., 4 oz. HO-686 Net 1.66

Enough to plate 600 sq. in. Shpg. wt., 8 oz. HO-687 Net 3.32



CHEMICALS - CLEANERS - CEMENTS



Bakelite Cement. The only practical cement for bakelite. Cements bakelite to bakelite and other materials. P-275 2 ozs. Shpg. wt., 5 oz. Net .69

Plastic Cement. For all types of plastic. Fast drying—waterproof—strong bond. P-276 2 ozs. Shpg. wt., 5 oz. Net .44

Pit-O-Bond Cement. Sticks anything to anything. Dries rapidly—waterproof—very high strength. P-281 2 ozs. Shpg. wt., 5 oz. Net .52

Red-X Corona Dope. Prevents corona shorts in Hi-Voltage circuits. Flexible—fast drying. P-282 2 ozs. Shpg. wt., 5 oz. Net .71

Crema-O-Wax Polish. For TV and radio cabinets. Hard-glassy, durable finish. P-288 1/2 pt. Shpg. wt., 1 lb. Net .59

Service Cement. For repairing speakers and general radio work. Vibration-proof, water-proof—fast drying. P-269 2 ozs. Shpg. wt., 5 oz. Net .47
P-270 4 ozs. Shpg. wt., 8 oz. Net .71
P-271 8 ozs. Shpg. wt., 1 lb. Net 1.24

Electronic Contact Cleaner. New red cleaner-made with Lube—Rex. Fast drying—universal contact cleaner. P-289 2 ozs. Shpg. wt., 5 oz. Net .52

Liquid Non-Slip. Penetrating—fast drying. Prolongs life of cables and bells. Prevents slipping. P-292 2 ozs. Shpg. wt., 5 oz. Net .47

Phone-Lubricant. Special lubricant for phones. Will not thin out. Clings to metal surface. 2 oz. tube. Shpg. wt., 5 oz. P-293 Net .52

Dial and Appliance Oil. Free running oil for dials, controls, small motors, etc. In handy spout can. P-294 4 ozs. Shpg. wt., 8 oz. Net .66

Phono Non-Slip. Prevents slippage on turntables, changers, tape recorders, etc. P-295 Shpg. wt., 1 lb. Net .88

CONTACT NEEDLE INJECTOR



Made on the hypodermic principle to inject cleaners and oils into shafts, controls and tight places. Supplied with a 2-oz. bottle. P-262 Shpg. wt., 5 oz. Net .47

POLYSTYRENE CEMENT AND COIL DOPPE



Pure polystyrene dissolved in thinner. For coating, doping, scaling coils, and for cementing polystyrene to polystyrene. 2 oz. bottle. Shpg. wt., 4 oz. P-283 Net .47

THINNER FOR ABOVE. 2 oz. P-303 Net .44

Belden WIRE FOR MICROPHONES — INTERCOM — P.A. — SOUND



SINGLE CONDUCTOR HIGH IMPEDANCE MIKE CABLE

Shielded single conductor cables. No. 25 tinned stranded wire; 3 x 33 copper and 4 x 33 copperweld tinned, cellulose yarn braid, polyethylene insulated, tinned copper braid shield, chrome vinyl jacket. Type 8410 has rubber insulation and black rubber jacket. Available only in lengths listed below.

| Beld. No. | Dut. Diam. | Wt. 100' | 15 Ft. Spool | 25 Ft. Spool | 50 Ft. Spool | 100 Ft. Spool |
|-----------|------------|----------|--------------|--------------|--------------|---------------|
| No. | 100' | Stk. No. | Net | Stk. No. | Net | Stk. No. |
| 8411 | .144" | 2 lb. | WR-369 .70 | WR-370 .99 | WR-371 1.71 | WR-372 3.09 |
| 8401 | .200" | 3 lb. | WR-361 .85 | WR-362 1.18 | WR-363 2.30 | WR-364 4.21 |
| 8410 | .245" | 4 lb. | WR-365 1.32 | WR-366 2.06 | WR-367 3.82 | WR-368 7.20 |



2 CONDUCTOR LOW IMPEDANCE MINIATURE AND STO. MIKE CABLE

All cables shielded. Miniature types 8420 and 8413 both No. 24 stranded tinned. 8420 has polyethylene insulation and chrome vinyl jacket, 8413 rubber insulation and black rubber jacket. Stranded types: 8422 is 22 stranded tinned, poly insulation and chrome vinyl jacket; 8412 No. 20 stranded tinned, rubber insulation and black rubber jacket; 8428 is heavy duty No. 18 stranded tinned, black Neoprene jacket for studio use. Available only in lengths listed below.

| Beld. No. | Out. Diam. | Wt. 100' | 15 Ft. Spool | 25 Ft. Spool | 50 Ft. Spool | 100 Ft. Spool |
|-----------|------------|-----------|--------------|--------------|--------------|---------------|
| No. | 100' | Stk. No. | Net | Stk. No. | Net | Stk. No. |
| 8420 | .178" | 2 1/2 lb. | WR-447 1.47 | WR-448 2.20 | WR-449 3.33 | WR-450 6.27 |
| 8413 | .185" | 2 1/2 lb. | WR-451 1.47 | WR-452 2.20 | WR-453 3.92 | WR-454 7.35 |
| 8422 | .231" | 4 lb. | WR-377 1.13 | WR-378 1.71 | WR-379 3.19 | WR-380 5.73 |
| 8412 | .268" | 6 lb. | WR-373 1.49 | WR-374 2.30 | WR-375 4.21 | WR-376 8.08 |
| 8428 | .295" | 6 1/2 lb. | WR-381 1.71 | WR-382 2.79 | WR-383 5.29 | WR-384 10.29 |



SHIELDED CABLES FOR PA AND INTERCOM

2 CONDUCTOR-TWISTED PAIR-SHIELDED CABLES

All have stranded, tinned copper conductors (except Δ is solid) with vinyl insulation and tinned copper shield, except * have polyethylene insulation and aluminum-Mylar wrapped shield and † has rubber insulation. Types 8460-61-62 have stranded tinned copper ground wire. All have chrome vinyl jacket except 8432 is lacquered cotton braid and types with # have no outer jacket or shield. For lengths over 100 ft. use per ft. stock no. and base cost on 100 ft. price.

| Beld. No. | Gauge | O.D." | Lbs. 100 Ft. | Per Ft. | Net | Per 100 Ft. |
|-----------|-------|-------|--------------|-----------|------|-------------|
| No. | 100' | 100' | 100 Ft. | Stock No. | Net | Stock No. |
| 8739 | 22Δ | .160 | 2 1/2 | WRC-10 | .035 | WR-455 2.89 |
| 8737 | 22 | .170 | 2 1/2 | WRC-11 | .04 | WR-456 3.33 |
| 8759 | 20 | .195 | 2 1/2 | WRC-12 | .05 | WR-457 3.67 |
| 8790 | 18 | .231 | 4 | WRC-13 | .05 | WR-458 4.36 |
| 8780 | 16 | .266 | 2 | WRC-14 | .07 | WR-459 5.59 |
| 8761* | 22 | .167 | 2 | WRC-15 | .03 | WRC-15 2.35 |
| 8762* | 20 | .184 | 3 | WRC-16 | .04 | WR-460 3.38 |
| 8760* | 18 | .222 | 3 | WRC-17 | .05 | WRC-17 3.67 |
| 8738# | 22Δ | .130 | 2 | WRC-18 | .03 | WR-461 2.50 |
| 8758# | 20 | .165 | 2 1/2 | WRC-19 | .035 | WR-416 2.94 |
| 8789# | 18 | .205 | 2 | WRC-20 | .05 | WRC-20 4.21 |
| 8779# | 16 | .225 | 2 | WRC-21 | .06 | WRC-21 5.14 |
| 8432† | 20 | .225 | 3 1/2 | WRC-22 | .075 | WRC-22 6.27 |



2 CONDUCTOR-TWISTED PAIR-UNSHIELDED

All have tinned stranded copper conductors except * are solid copper. Types with † have chrome vinyl jacket overall, others without jacket. All conductors have vinyl insulation. For lengths over 100' use per ft. stock number and base cost on 100 ft. price.

| Beld. No. | Gauge | O.D." | Lbs. 100 Ft. | Per Ft. | Net | Per 100 Ft. |
|-----------|-------|-------|--------------|-----------|------|-------------|
| No. | 100' | 100' | 100 Ft. | Stock No. | Net | Stock No. |
| 8481 | 22* | .112 | 1 | WRC-23 | .015 | WR-465 1.25 |
| 8482 | 19* | .115 | 1 1/2 | WRC-24 | .02 | WR-466 1.57 |
| 8460 | 18 | .175 | 1 | WRC-25 | .03 | WR-467 2.20 |
| 8470 | 16 | .195 | 2 | WRC-26 | .035 | WRC-26 2.79 |
| 8740† | 22* | .150 | 2 | WRC-27 | .02 | WR-469 1.76 |
| 8486† | 19* | .162 | 2 | WRC-28 | .025 | WRC-28 2.06 |
| 8461† | 18 | .226 | 3 | WRC-29 | .04 | WR-471 3.09 |
| 8471† | 16 | .256 | 4 | WRC-30 | .05 | WRC-30 3.82 |

UNSHIELDED 2 CONDUCTOR TWISTED PAIR SPEAKER AND INTERCOM CABLE

BELDEN 8205. 2 conductor No. 20 tinned copper, vinyl insulated, cabled with overall chrome vinyl jacket. O.D. .190". Shpg. wt. 100', 2 lbs. Lengths under 100 ft. available only in sizes listed below.

| Belden No. | 25 Ft. Spool | 100 Ft. Spool | Over 100 Ft. |
|------------|--------------|---------------|--------------|
| Stock No. | Net | Stock No. | Per Ft. |
| 8205 | WR-350 .81 | WR-351 2.45 | WRC-31 .024 |

COPPER BRAID SHIELDING

Flexible tinned copper braiding to shield conductors from stray fields. Reduces radiation. Tubular form lengths below 100 ft. available only in sizes listed below. Shpg. wt. per 100 ft., 3 lbs.

| Belden No. | I.D. | Stranding | 100 Ft. Spool | 50 Ft. Spool | 100 Ft. or More |
|------------|------|-----------|---------------|--------------|-------------------|
| No. | | | Stock No. | Stock No. | Per Ft. Stock No. |
| 8660 | 1/8 | 96 x 34 | WR-550 .50 | WR-556 1.47 | WRC-61 .026 |
| 8668 | 1/4 | 120 x 34 | WR-551 .68 | WR-557 2.02 | WRC-62 .035 |
| 8663 | 3/8 | 160 x 34 | WR-552 .59 | WR-558 1.86 | WRC-63 .032 |
| 8661 | 1/2 | 192 x 34 | WR-553 .67 | WR-559 2.30 | WRC-64 .041 |
| 8669 | 5/8 | 336 x 34 | WR-554 1.18 | WR-560 5.39 | WRC-65 .097 |
| 8662 | 3/2 | 576 x 34 | WR-555 1.55 | WR-561 6.91 | WRC-66 .135 |

4 CONDUCTOR COILED MICROPHONE CORD

BELDEN 8415. 9 1/2 ft. cable retracts to 11 inches and stretches to 6 ft. No. 23 tinned cadmium bronze wire, rubber insulated, conductors cabled with black neoprene jacket. Shpg. wt., 1/2 lbs. Net 1.13 WR-495



3 CONDUCTOR CABLES FOR PA AND INTERCOM

SHIELDED CABLES

All except * 3 conductor stranded, tinned copper with polyethylene insulation, cabled conductors, aluminum-Mylar wrapped shield and chrome vinyl outer jacket. Types 8771 has No. 22 and types 8770, 8772 have No. 20 tinned copper ground wire. Type 8791 similar but vinyl insulation and tinned copper wrapped shield and no ground wire.

| Stock No. | Belden No. | Gauge | O.D. " | Wt. Lb. 100 Ft. | Per Ft. | Per 100 Ft. |
|-----------|------------|-------|--------|-----------------|---------|-------------|
| WRC-33 | 8771 | 22 | .175 | 2 | .035 | 2.94 |
| WRC-34 | 8772 | 20 | .200 | 3 | .045 | 3.67 |
| WRC-35 | 8770 | 18 | .236 | 4 | .06 | 4.63 |
| WRC-36 | 8791 | 18 | .236 | 5 | .06 | 5.29 |

UNSHIELDED CABLES

All are 3 conductor solid #19 copper, vinyl insulated and cabled. 8487 has chrome vinyl outer jacket. 8483 has no jacket.

| | | | | | | |
|--------|------|----|------|-------|------|------|
| WRC-37 | 8487 | 19 | .180 | 2 1/2 | .03 | 2.60 |
| WRC-38 | 8483 | 19 | .132 | 2 | .025 | 1.91 |



SHIELDED SOUND-PA-INTERCOM CABLE

BELDEN 8208. 2 conductor No. 18 tinned stranded copper, twisted pair, rubber insulated, braided tinned copper shield, chrome vinyl jacket overall. O.D. .270". Shpg. wt. 100', 4 lbs.

BELDEN 8209. Identical to above but outer jacket is white cotton braid treated for weather resistance. O.D. .258".

BELDEN 8735. 3 conductor No. 22 tinned stranded copper vinyl insulated, cabled, tinned copper braid shield chrome vinyl jacket overall. O.D. .199". Shpg. wt. 100', 3 lbs.

Lengths under 100 ft. available only in size listed below.

| Belden No. | 15 Ft. Spool | 50 Ft. Spool | 100 Ft. Spool | Over 100 Ft. |
|------------|--------------|--------------|---------------|-------------------|
| Stock No. | Net | Stock No. | Net | Stock No. Per Ft. |
| 8208 | WR-475 1.15 | WR-476 3.18 | WR-477 5.83 | WRC-58 .058 |
| 8209 | WR-478 1.15 | WR-479 3.18 | WR-480 5.83 | WRC-59 .058 |
| 8735 | WR-403 .85 | WR-404 2.25 | WR-405 4.21 | WRC-60 .042 |



SPECIAL INTERCOM AND P.A. CABLES

BELDEN 8734. 3 conductor No. 22 stranded tinned copper with vinyl insulation. 1 conductor with tinned copper braid shield, 2 unshielded, cabled with overall chrome vinyl jacket. O.D. .194". Shpg. wt. per 100', 3 lbs.

WRC-39 Under 100 ft., per ft. Net .045
Over 100 ft., per ft. Net .036
WR-483 100 ft. spool Net 3.67

BELDEN 8763. 3 conductors No. 20 stranded tinned copper with polyethylene insulation. 2 conductors with aluminum-Mylar wrapped shield, 1 unshielded. Also has No. 20 stranded, tinned copper ground wire. Chrome vinyl jacket overall. O.D. .210". Shpg. wt. per 100', 3 1/2 lbs.

WRC-40 under 100 ft., per ft. Net .05
100 ft. or more, per ft. Net .044

BELDEN 8732. 4 conductors No. 22 stranded tinned copper with polyethylene insulation. 2 conductors with tinned copper braid shield, 2 unshielded. Also has No. 22 stranded tinned ground wire. Chrome vinyl jacket overall. Oval shape O.D. .188" x .296". Shpg. wt. 100', 3 lbs.

WR-485 100 ft. spool Net 4.41
WRC-41 under 100 ft., per ft. Net .055
over 100 ft., per ft. Net .044



VINYL COVERED MULTIPLE PAIRED CABLE

For balanced line intercom systems and telephone wiring. Unshielded #22 solid tinned copper conductors, vinyl insulated, cabled in pairs, chrome vinyl outer jacket.

| Stock No. | Belden No. | Conds. (Pairs) | O.D. In. | Lbs. 100 Ft. | Per 100' or more |
|-----------|------------|----------------|----------|--------------|------------------|
| No. | No. | | | 100 Ft. | Per 100 Ft. |
| WRC-42 | 8740 | 2 (1 pair) | .150" | 1 3/4 | .02 1.76 |
| WRC-43 | 8741 | 4 (2 pair) | .201" | 2 1/2 | .035 2.89 |
| WRC-44 | 8742 | 6 (3 pair) | .240" | 3 1/2 | .05 3.82 |
| WRC-45 | 8743 | 12 (6 pair) | .305" | 4 3/4 | .07 5.88 |
| WRC-46 | 8744 | 18 (9 pair) | .354" | 6 1/2 | .095 7.94 |

VINYL COVERED MULTIPLE UNPAIRED CABLE

All conductors unshielded stranded tinned copper except * include two No. 18 conductors. Each conductor vinyl insulated, cabled, Chrome vinyl jacket overall. Lengths under 100 ft. available only in sizes listed below.

| Beld. No. | Lbs. 100 | 15 Ft. Spool | 25 Ft. Spool | 100 Ft. Spool | Over 100 Ft. |
|------------|--------------|--------------|--------------|---------------|--------------|
| No. Conds. | O.D." Ft. | Stk. No. | Net | Stk. No. | Net |
| 8443 | 3 .150 2 | — | — | WR-486 .81 | WR-390 2.43 |
| 8444 | 4 .168 2 1/4 | — | — | WR-487 .96 | WR-392 2.94 |
| 8445 | 5 .180 2 1/2 | — | — | WR-488 1.14 | WR-394 3.63 |
| 8446* | 6 .222 4 | WR-489 1.03 | — | — | WR-396 5.29 |
| 8447* | 7 .246 4 1/2 | WR-490 1.13 | — | — | WR-398 6.03 |
| 8448* | 8 .251 5 | WR-491 1.18 | — | — | WR-400 6.27 |
| 8449* | 9 .261 5 | WR-492 1.27 | — | — | WR-402 7.01 |

TELEVISION WIRE and CABLE-ROTOR CABLE-ZIP CORD

RG COAXIAL CABLES

All branded with standard type numbers and meet requirements of RG cables on Qualified Products List of U.S. Government. Available only in lengths indicated.

| Type | Stock No. | Net 100' | Stock No. | Net 500' | Stock No. | Net 1000' | Shpg. wt. Per 1000' |
|---------|-----------|----------|-----------|----------|-----------|-----------|---------------------|
| RG-8/U | WR-131 | 9.87 | WR-132WX | 47.04 | WR-133WX | 89.67 | 115 lbs. |
| RG-11/U | WR-134 | 9.38 | WR-135WX | 44.77 | WR-142WX | 85.26 | 100 lbs. |
| RG-58/U | WR-136 | 4.20 | WR-137WX | 20.09 | WR-138WX | 38.25 | 31 lbs. |
| RG-59/U | WR-139 | 4.37 | WR-140WX | 20.84 | WR-141WX | 39.69 | 40 lbs. |



ITT MIL APPROVED LOW LOSS COAXIAL CABLE

For RF applications. Meets all rigid military and commercial specifications. Impervious to weather, acids, alkalis, oil and gasoline. Shpg. wt. per 100', 12 lbs. except RG58/U and RG58A/U, 3 lbs., RG59/U, 4 1/2 lbs. Minimum order 25 ft.

| RG Type | Ohm IMP | MMF P/Ft. | O.D. | Odd Lengths | | 100 Ft. | | 1000 Ft. | |
|---------|---------|-----------|-------|-------------|----------|---------|----------|----------|--------|
| | | | | Per Foot | Stk. No. | Net | Stk. No. | Net | |
| 8U | 52 | 29.5 | .405" | WRC-106 | .12 | WR-526 | 11.18 | WR-527WX | 101.25 |
| 8A/U | 52 | 29.5 | .405" | WRC-107 | .14 | WR-529 | 12.62 | WR-530WX | 114.75 |
| 11/U | 52 | 20.5 | .405" | WRC-108 | .11 | WR-532 | 9.90 | WR-533WX | 90.00 |
| 11A/U | 52 | 20.5 | .405" | WRC-109 | .12 | WR-535 | 11.18 | WR-536WX | 101.25 |
| 58/U | 52 | 28.5 | .195" | WRC-110 | .05 | WR-538 | 4.87 | WR-539WX | 44.25 |
| 58A/U | 52 | 28.5 | .195" | WRC-111 | .06 | WR-541 | 4.95 | WR-542WX | 45.00 |
| 59/U | 52 | 21 | .242" | WRC-112 | .05 | WR-544 | 4.46 | WR-545WX | 40.50 |

NEW! LOW LOSS POLYFOAM COAX RG 8/U



New foam polyethylene coaxial cable increases signal strength up to 35%. Use whenever low loss 50 ohm cable is required. Attenuation and capacitance approximately 15% less than standard RG-8U; low loss foam polyethylene cable has same core, braid and jacket as standard RG-8U, but uses a larger center conductor to maintain 50 ohm nominal impedance.

WRC-103 Per ft. Net .15
 WR-166 100 ft. coil Net 13.50
 WR-167WX 1000 ft. spool Net 120.00

ROTOR CABLES

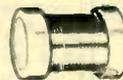


4 CONDUCTOR FLAT. Flexible stranded No. 20 copper encased in tough plastic insulation. Shpg. wt., 3 lbs. per 100 ft. coil

WR-151 100 ft. coil. Net 2.50
 WRC-104 less than 100 ft., per ft. Net .03
 over 100 ft., per ft. Net .025

8 CONDUCTOR ROUND. Vinyl insulated, vinyl jacket. In 100 ft. coils only.

WR-446 100 ft. coil Net 4.20



MAGNET WIRE
 Finest quality. Available in plain enamel or heavy FORMVAR insulation.

ZIP-COROS MINIATURE PARALLEL CABLE



Multi purpose miniature zip cord. 2 conductor, 24 gauge stranded. Extremely flexible for Hi-Fi installations, auto speakers, low voltage control, etc. Available in white, brown, gray, clear. Please specify color. Average shpg. wt., 2 lbs. per 100 ft.

WR-157 25 ft. Net .42
 WR-158 50 ft. Net .70
 WR-159 100 ft. Net 1.20

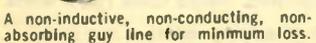
SPEAKER - LAMP CORDS

U.L. approved, 2 cond., No. 18 zip cord. For lamp cord, speaker extensions, etc. POT is plastic insulation. POSJ is rubber insulation. Shpg. wt., 3 lbs. per 100 ft. Brown. Only in lengths below.

WR-35 POT 100 Ft. Net 1.88
 WR-47 POT 250 Ft. Net 4.50
 WR-34 POSJ 100 Ft. Net 2.40
 WR-48 POSJ 250 Ft. Net 5.35

FIBERGLASS GUY LINE

● Revolutionizes Ham and TV Antenna Systems ● Non-Metallic Guy Line



A non-inductive, non-conducting, non-absorbing guy line for minimum loss. Provides 1000 pounds tensile strength. Eliminates unwanted radiation losses. Completely isolates the antenna system. Will not rot, shrink, stretch, or sag. Only in lengths listed below.

HP-55 Shpg. wt., 2 1/2 lbs. Per 100' spool Net 5.35
 HP-56 Shpg. wt., 15 lbs. Per 600' reel Net 31.54

HEAVY FORMVAR IN 1 LB. SPOOLS

| Stock No. | B&S Size | Feet | Net |
|-----------|----------|--------|------|
| WR-96 | 14 | 78 | 1.13 |
| WR-97 | 16 | 124 | 1.12 |
| WR-98 | 18 | 198 | 1.14 |
| WR-99 | 20 | 313 | 1.20 |
| WR-100 | 22 | 501 | 1.26 |
| WR-101 | 24 | 798 | 1.34 |
| WR-102 | 26 | 1200 | 1.46 |
| WR-103 | 28 | 1999 | 1.59 |
| WR-104 | 30 | 3200 | 1.79 |
| WR-105 | 32 | 3900 | 1.97 |
| WR-106 | 34 | 7950 | 2.19 |
| WR-107 | 36 | 12,800 | 2.54 |
| WR-108 | 38 | 20,000 | 3.20 |
| WR-109 | 40 | 31,700 | 5.45 |

"SILVERLINE" TWIN LEAD



Heavy duty 300 ohm lead-in. Insulated with "silver" polyethylene. Provides unchanging electrical and physical characteristics and remarkable durability. Blends with home color schemes and assures long, trouble-free service. Shpg. wt., 4 lbs. per 100 ft.

WRC-105 Per ft. Net .03
 Per 100 ft. Net 2.25

UHF-VHF TWIN-LEAD TV-FM-MPX



Economy

300 OHM TWIN LEAD

BROWN. High quality, low-loss lead-in for all TV and FM installations. Polyethylene dielectric — standard copper leads. Per 100 ft. Only in lengths listed below. Shpg. wt., 2 lbs.

WR-25 100 ft. Net .90
 WR-146 500 ft. Net 4.25
 WR-147 1,000 ft. Net 7.95

CLEAR. Same as above but clear for a better blend with the base boards.

WR-128 100' Net 1.10
 WR-129 500' Net 4.75
 WR-130 1000' Net 8.95

HEAVY DUTY

300 ohm brown twin lead with 80 mil thick polyethylene insulation and 20 gauge copper conductors. Shpg. wt., 2 lbs. per 100 ft. Minimum length 100 ft.

WR-152 100 ft. coil Net 1.06
 WRC-100 Per ft. (over 100 ft.) Net .01

EXTRA HEAVY DUTY

300 ohm brown twin lead with 125 mil thick polyethylene insulation and 18 gauge stranded copper conductors. Shpg. wt., 7 lbs. per 100 ft. Minimum length 100 ft.

WR-171 100 ft. coil Net 2.50
 WRC-101 Per ft., over 100 ft. Net .025
 WR-172 1000 ft. spool Net 22.13



LIFELINE COPPERWELD TWIN LEAD



● Guaranteed For The Life of Your Antenna ● Special Dispenser Package

Guarantee: If this deluxe 300 ohm line fails to last the life of your antenna we will replace it at no charge. 20 Gauge Copperweld (steel clad copper) conductors with finest brown polyethylene insulation. Chemically protected against deterioration. Special "waste free" dispenser package. Shpg. wt., 3 1/2 lbs. Minimum length 100 ft.

WR-164 100 ft. package Net 1.98
 WRC-102 Bulk per ft. (over 100 ft.) Net .018

SPECIAL SHIELDED FM MULTIPLEX TWIN LEAD



300 ohm twin lead for FM MPX, shielded with tinned copper for outstanding noise-resistant performance. Each conductor insulated with heavy, 20 gauge abrasion-proof black vinyl. Delivers noise-free signal from antenna to set efficiently. Only in lengths listed below. Shpg. wt., 7 lbs. per 100'

WR-161 100 ft. coil. Net 8.98
 WR-162WX 500-ft. spool Net 43.01
 WR-163WX 1000-ft. spool Net 82.44

TUBULAR UHF-VHF TWIN LEAD

Very low loss 300 ohm airspaced tubular twin lead, brown polyethylene insulation, copper conductors. Only available in 100 ft. coils. Shpg. wt., 3 lbs.

WR-46 100 ft. coil. Net 2.50

SEA COASTER

300 ohm lead especially designed for coastal areas. 20 gauge copper conductors incased in low loss polyethylene with tough overall poly jacket. Shpg. wt., 3 lbs. 100 ft. Only in 100 ft. lengths.

WR-170 100 ft. coil Net 4.65

LOW LOSS UHF-VHF OPEN LINE

300 OHM. Lowest possible line loss-perfect impedance match. May be used interchangeably with tubular or 300 ohm flat without mismatching! Attenuation averages only 1.9 db over entire UHF band. No. 18 copperweld wire—pure polyethylene separators spaced at 6". Spaced only 1/2" between conductors — may be used with standard stand-off insulators. Shpg. wt., 2 1/2 lbs. per 100'. Available only in lengths listed below.

WR-22 100 ft. Net 2.15
 WR-148 Per 250 ft. coil Net 4.85
 WR-149 500 ft. Spool Net 9.70
 450 OHM. Similar to above 1" spacing between conductors.
 WR-125 100 ft. Net 1.90
 WR-126 250 ft. Net 4.50
 WR-127 500 ft. Net 8.59



BELDEN 300 OHM TWIN LEAD

Type 8225. Fig. A. For TV and FM antennas. Low-loss polyethylene insulation. One lead tinned, one bare. Stranded No. 20 (7x28). Shpg. wt. 100 ft., 2 lbs.

WR-352 50 ft. Coil Net 1.03
 WR-353 75 ft. Coil Net 1.32
 WR-354 100 ft. Coil Net 1.62
 WRC-54 Over 100 ft., per ft. Net .016

Type 8235. Fig. B. Low-loss 300-ohm line for UHF or VHF TV antennas. Resists oxidation and sun; made with 100% virgin polyethylene web. 18 gauge (7x26) stranded Weldohm wire; copper with steel core for maximum strength.

WR-358 100 ft. Coil Shpg. wt. 100 ft., 5 lbs. Net 4.70
 WRC-56 Over 100 ft., per ft. Net .047

Type 8230. Fig. A. "Weldohm" copper coated steel wire. Polyethylene insulation. Almost twice as strong as plain copper. Perfect for long runs. Stranded No. 20 (7x28). Shpg. wt. 100 ft., 2 lbs.

WR-355 50 ft. Coil Net 1.21
 WR-356 75 ft. Coil Net 1.67
 WR-357 100 ft. Coil Net 2.09
 WRC-55 Over 100 ft., per ft. Net .02

Type 8285. Fig. C. Encapsulated in low loss cellular polyethylene. Delivers a strong signal on all channels VHF or UHF. A must for color T.V. 2 Conductor #22 (7x30) stranded copper weld conductors. Shpg. wt., 4 lbs. per 100'.

WR-359 50 ft. Net 2.79
 WR-442 75 ft. Net 4.12
 WR-360 100 ft. Net 5.29

SERVICE WIRE and CABLE-INDUSTRIAL WIRE

ALPHA STEREO PHONO PICKUP ARM WIRE

Stereo wire for all stereo cartridges (ceramic, magnetic, crystal) and tone arms. Extremely flexible, lightweight, 2, 3 and 4 conductor, twisted, miniature, color-coded cables. Designed for extremely low hum and noise pickup for best stereo performance. Tops for stereo conversion of monaural arms. Shpg. wt., 10 ft., 5 oz.; 100 ft., 2 lbs. Available only in lengths listed. † Shielded O/A * Individually shielded

| Alpha No. | Con. | D.D. | Stk. No. | Net | 10 Ft. Stk. No. | Net |
|-----------|------|-------|----------|-----|-----------------|------|
| 1100 | 2 | .047" | WR-200 | .40 | WR-313 | 2.75 |
| 1101 | 3 | .053" | WR-203 | .52 | WR-314 | 3.85 |
| 1102 | 4 | .061" | WR-206 | .64 | WR-315 | 5.06 |
| 1105 | 2† | .055" | WR-209 | .59 | WR-316 | 4.69 |
| 1106 | 3† | .061" | WR-212 | .67 | WR-317 | 5.37 |
| 1107 | 4† | .068" | WR-215 | .76 | WR-318 | 6.31 |
| 1110 | 2* | .063" | WR-218 | .71 | WR-319 | 5.73 |

ALPHA THERMOPLASTIC HOOK-UP MIL-W-76B

Supercedes SRIR (JAN-76) 80° C. hook-up wire. Thermo-plastic insulation is impervious to oils, moisture, acids, flame, 1000 V. insulation rating. Nom. 0-16 in. insulation. Sold only in 1000' and 100' lengths. Available in colors listed below:

- (1) White
 - (2) Black
 - (3) Red
 - (4) Green
 - (5) Yellow
 - (6) Light Blue
 - (7) Brown
 - (8) Orange
 - (9) Gray
 - (10) Violet
 - (11) Tan
 - (12) Pink
 - (13) Dark Blue
- Avg. shpg. wt., 100', 1 1/4 lbs.; 1000', 7 lbs.

| Stock No. | Alpha No. | MIL-W-76A | Cond. Size | Stand Pkg. | Net |
|-----------|-----------|--------------|------------|------------|-------|
| WR-224 | 1550 | MW-C 24(7)U | 24 | 1000' | 6.90 |
| WR-223 | 1550 | MW-C 24(7)U | 24 | 100' | .99 |
| WR-228 | 1551 | MW-C 22(7)U | 22 | 1000' | 7.99 |
| WR-227 | 1551 | MW-C 22(7)U | 22 | 100' | 1.09 |
| WR-232 | 1553 | MW-C 20(10)U | 20 | 1000' | 10.47 |
| WR-231 | 1553 | MW-C 20(10)U | 20 | 100' | 1.34 |
| WR-236 | 1555 | MW-C 18(10)U | 18 | 1000' | 14.85 |
| WR-235 | 1555 | MW-C 18(16)U | 18 | 100' | 1.78 |
| WR-240 | 1557 | MW-C 16(26)U | 16 | 1000' | 21.84 |
| WR-239 | 1557 | MW-C 16(26)U | 16 | 100' | 2.49 |
| WR-267 | 1559 | MW-C 14(41)U | 14 | 1000' | 32.95 |
| WR-266 | 1559 | MW-C 14(41)U | 14 | 100' | 3.58 |
| WR-269 | 1560 | MW-C 12(65)U | 12 | 1000' | 54.98 |
| WR-268 | 1560 | MW-C 12(65)U | 12 | 100' | 5.79 |

| Stock No. | Alpha No. | MIL-W-76A | Cond. Size | Stand Pkg. | Net |
|-----------|-----------|-------------|------------|------------|-------|
| WR-271 | 1561 | MW-C 22(1)U | 22 | 1000' | 6.38 |
| WR-270 | 1561 | MW-C 22(1)U | 22 | 100' | .93 |
| WR-273 | 1563 | MW-C 20(1)U | 20 | 1000' | 8.63 |
| WR-272 | 1563 | MW-C 20(1)U | 20 | 100' | 1.17 |
| WR-275 | 1565 | MW-C 18(1)U | 18 | 1000' | 12.35 |
| WR-274 | 1565 | MW-C 18(1)U | 18 | 100' | 1.53 |

Above Wire is Also Available in All Standard Tracer Colors. Write for quotations.

ALPHA PVC-105 PLASTIC TUBING

Conforms to ML-1-631C specifications. Designed specifically for electronic, aircraft, and electrical applications involving temperatures as high as 105°C. Dielectric Strength 800v/MIL. Avg. shpg. wt. per 100', 1 lb. (Specify colors as listed below, B=black, C=clear, W=white). Available only in lengths listed below.

| Stock No. | Alpha No. | Size | Color* | Nom. Inside Diameter | Nom. Wall Thickness | Net Per 100' |
|-----------|-------------|------|--------|----------------------|---------------------|--------------|
| WR-298 | PVC-105/20 | 20 | B | .034" | .016" | 1.97 |
| WR-299 | PVC-105/18 | 18 | B or C | .042" | .016" | 2.04 |
| WR-300 | PVC-105/16 | 16 | B or W | .053" | .016" | 2.16 |
| WR-301 | PVC-105/14 | 14 | C | .066" | .016" | 2.29 |
| WR-302 | PVC-105/12 | 12 | B or C | .085" | .016" | 2.44 |
| WR-303 | PVC-105/11 | 11 | B or C | .095" | .016" | 2.51 |
| WR-304 | PVC-105/10 | 10 | B or C | .106" | .016" | 2.61 |
| WR-305 | PVC-105/9 | 9 | B or C | .118" | .020" | 3.62 |
| WR-306 | PVC-105/8 | 8 | B or C | .133" | .020" | 3.67 |
| WR-307 | PVC-105/4 | 4 | B or C | .208" | .020" | 4.84 |
| WR-308 | PVC-105/2 | 2 | B | .263" | .020" | 5.58 |
| WR-309 | PVC-105/3/8 | 3/8 | B or C | .312" | .025" | 7.64 |
| WR-310 | PVC-105/3/8 | 3/8 | B or C | .375" | .025" | 8.75 |
| WR-311 | PVC-105/1/2 | 1/2 | B or C | .500" | .025" | 10.43 |
| WR-312 | PVC-105/5/8 | 5/8 | B or C | .625" | .030" | 14.99 |

BELDEN CATHODE RAY TUBE CABLE

BELDEN 8838. CRT cables with No. 22 stranded tinned copper polyethylene insulation. Reduces corona. Long life construction. Red vinyl jacket. O.D. .150". Working voltage 25,000; breakdown voltage 50,000. Only in lengths listed below.

WR-493 25 ft. spool Net .73
WR-494 100 ft. spool Net 1.86

SHIELDED PHONO PICKUP CABLE

BELDEN TYPE 8431. Extremely limp and flexible. No. 24 stranded (16x36) tinned copper, rubber covered, tinned copper shield, brown cotton outer jacket. Only in lengths listed below. Shpg. wt., 100 ft., 2 lbs.

| | | |
|--------|--------------|---------------|
| WR-386 | 15 ft. coil | Net each .65 |
| WR-387 | 25 ft. coil | Net each .99 |
| WR-388 | 100 ft. coil | Net each 3.18 |

BELDEN PHONO PICKUP CABLE

BELDEN 8430. Flexible, stranded twisted pair. Coded red and black. Small diameter. Shpg. wt., 4 oz. WR-385 25 ft. Net .67

BELDEN TEST PROD WIRE

Extremely flexible, limp rubber covered hi-voltage lead. No. 18 stranded, tinned, cotton wrap. 8899 for 5000 working volts. 8898 for 10,000 working volts. Specify red or black. Shpg. wt., 100 ft., 2 lbs.

| Belden No. | 10 Ft. Stk. No. | 25 Ft. Stk. No. | 100 Ft. Stk. No. | Net |
|------------|-----------------|-----------------|------------------|------|
| 8899 | WR-421 | .47 | WR-422 | .81 |
| 8898 | WR-418 | .71 | WR-419 | 1.25 |
| | | | WR-423 | 2.35 |
| | | | WR-420 | 3.52 |

BELDEN ACETATE HOOK-UP WIRE

Excellent quality hook-up wire 1000V. AC insulation breakdown rating. Tinned copper conductor, heavy cellulose acetate yarn wrap and cellulose yarn braid. Lacquer coated for fungus and flame resistance. DC insulation resistance is 200 megs minimum. Colors: 8938 and 8942 in red and black only. Others in red, black, blue, green and yellow. Specify color when ordering. Available only in lengths listed below.

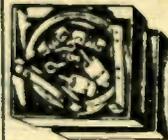
8941 OD .072", 8943 OD .076", 8945 OD .080", 8947 OD .087", 8942 OD .099", 8938 OD .115". Average shpg. wt., 12 oz. per 100 ft. Only in lengths listed below. † Stranded wire * Solid wire

| Beld No. | 25 Ft. Stk. No. | 100 Ft. Stk. No. | 1000 Ft. Stk. No. | Net |
|----------|-----------------|------------------|-------------------|------|
| 8941 20† | WR-425 | .62 | WR-426 | 1.59 |
| 8943 20† | WR-430 | .62 | WR-431 | 1.62 |
| 8945 18† | WR-433 | .59 | WR-434 | 1.70 |
| 8947 18* | WR-436 | .62 | WR-437 | 1.84 |
| 8942 16* | — | — | WR-428 | 2.16 |
| 8938 14* | — | — | WR-424 | 2.89 |

BELDEN 8817 LITZ WIRE

Copper Celenamel insulated nylon wrap. 5x44 stranded O.D. .008". For rewinding RF coils, antenna primaries, etc. 100' spool. Shpg. wt., 4 oz. Net .29
WR-417 100' spool

SHORTWAVE ANTENNA KIT



Ideal for small crystal, diode and transistor broadcast and shortwave sets. 50 ft. 7x26 bare copper aerial wire, 25 ft. rubber covered lead-in wire, 10 in. window lead-in strip, 2 antenna and 2 stand-off insulators. Simple printed instructions. KT-77 Shpg. wt., 2 lbs. Net 1.05



ANTENNA WIRE COPPER AND COPPERWELD

Finest grade high tensile strength copper for all antenna requirements. Avg. shpg. wt., 1 lb. Only in lengths listed below.

| | | | |
|-------|---------|-----------------|----------|
| WR-64 | 75 ft. | 7/22 bare | Net 1.11 |
| WR-65 | 100 ft. | 7/22 bare | Net 1.47 |
| WR-63 | 75 ft. | 7/24 bare | Net .75 |
| WR-66 | 100 ft. | 7/24 bare | Net .96 |
| WR-62 | 75 ft. | 7/26 bare | Net .85 |
| WR-67 | 100 ft. | 7/26 bare | Net .85 |
| WR-68 | 100 ft. | 12 solid enamel | Net 2.28 |
| WR-69 | 100 ft. | 12 solid enamel | Net 1.62 |

COPPERWELD Steel clad copper for ham antennas, commercial installations, non-stretch, hard drawn high conductivity copperweld wire.

| | | | |
|--------|---------|---------------------|----------|
| WR-155 | 75 ft. | 12 solid copperweld | Net 1.85 |
| WR-156 | 100 ft. | 12 solid copperweld | Net 2.40 |
| WR-153 | 75 ft. | 14 solid copperweld | Net 1.55 |
| WR-154 | 100 ft. | 14 solid copperweld | Net 1.96 |

INTERCOM WIRE

2 conductor Twisted: Flexible, tinned copper with plastic insulation over each conductor. Shpg. wt., 2 lbs. per 100 ft. Available only in lengths listed below.

| | | |
|-------|---------------|----------|
| WR-12 | 100 ft. coil | Net .89 |
| WR-13 | 250 ft. spool | Net 1.95 |

3 conductor twisted. Same construction as above. Shpg. wt., 3 lbs. per 100 ft.

| | | |
|-------|---------------|----------|
| WR-14 | 100 ft. coil | Net 1.25 |
| WR-15 | 250 ft. spool | Net 2.59 |

3 conductor twisted. Same construction as above but with outer plastic jacket overall. Shpg. wt., 3 lbs. per 100 ft.

| | | |
|-------|---------------|----------|
| WR-16 | 100 ft. coil | Net 1.95 |
| WR-17 | 250 ft. spool | Net 4.50 |

PUSH BACK WIRE



No stripping necessary. Just push back double cotton covered paraffin damp-proofed braid and wire is exposed. No. 20 gauge stranded or solid. In red, green, black, blue or yellow. Specify color. Shpg. wt., 100 ft., 1 lb.

| | | |
|--------|------------------|----------|
| WR-110 | 25 ft. stranded | Net .35 |
| WR-111 | 100 ft. stranded | Net 1.26 |
| WR-112 | 25 ft. solid | Net .34 |
| WR-113 | 100 ft. solid | Net 1.23 |

ALPHA MIL-W-16878C PLASTIC WIRE

Stranded tinned copper, .010" polyvinylchloride insulation. Voltage rating 600V. Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus. Available in colors listed below as indicated. Avg. shpg. wt. per 100', 1 1/4 lbs. (1) white (3) red (5) yellow (7) brown (9) gray (2) black (4) green (6) light blue (8) orange (10) violet; †—uncovered plastic regular tinned copper; *—nylon jacket.

| Alpha No. | Conductor Size | Strand | Colors | Nom. D.D. | 100 Ft. Stk. No. | Net | 1000 Ft. Stk. No. | Net |
|-----------|----------------|--------|--------|-----------|------------------|------|-------------------|-------|
| 1853† | 26 | 7/34 | 1-10 | .038" | WR-283 | 1.25 | WR-282 | 8.35 |
| 1854† | 24 | 7/32 | 1-10 | .043" | WR-285 | 1.21 | WR-284 | 7.59 |
| 1855† | 22 | 7/30 | 1-10 | .049" | WR-287 | 1.25 | WR-286 | 8.56 |
| 1856† | 20 | 7/28 | 1-6 | .060" | WR-289 | 1.31 | WR-288 | 9.31 |
| 1857† | 18 | 7/26 | 1-7 | .068" | WR-291 | 1.50 | WR-290 | 11.10 |
| 1865† | 22 | 7/30 | 1-6 | .053" | WR-293 | 1.49 | WR-292 | 10.61 |
| 1866† | 20 | 7/28 | 1-7 | .065" | WR-295 | 1.59 | WR-294 | 11.76 |
| 1867† | 18 | 7/26 | 1-6 | .075" | WR-297 | 1.77 | WR-296 | 13.70 |

ALPHA MIL-W-76B PLASTIC WIRE

Stranded tinned copper, polyvinylchloride insulation, braided tinned copper shield. Avg. shpg. wt. per 100', 1 1/4 lbs. * Type MW Shielded-white, † Type MW-Shielded Nylon Jacket.

| Alpha No. | Size | Strand | D.D. | Stk. No. | Net 100' | Stk. No. | Net 1000' |
|-----------|------|--------|-------|----------|----------|----------|-----------|
| 1350* | 24 | 7/32 | .075" | WR-276 | 3.40 | WR-277 | 30.89 |
| 1371† | 22 | 7/30 | .100" | WR-278 | 4.49 | WR-279 | 41.80 |
| 1372† | 20 | 7/28 | .105" | WR-280 | 4.61 | WR-281 | 43.00 |

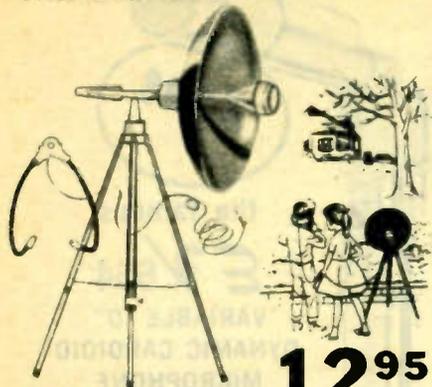
ASSORTED SPAGHETTI



24 piece assortment. 8" lengths. Various colors and diameters MS-46 Shpg. wt., 4 oz. Net .27

LAST MINUTE SPECIALS

"THE BIG EAR"



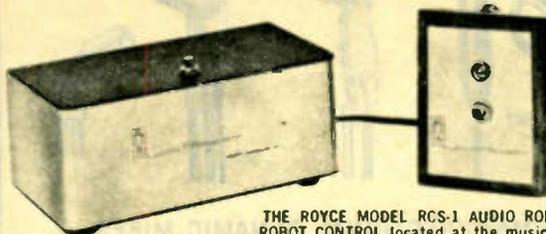
- Big 18" Reflector Disk Concentrates Sound Waves into Transistor Unit Which Amplifies Them Loud and Clear

12⁹⁵

Powerful new transistorized listening device. Not just a toy—works on the same principle as the fabulous Missile Tracking Antennas. Pick up sounds too distant for you to hear. Make your own wildlife recordings or carry on long range 2-way communications (using a "Bull Horn"). Ideal for experimenters, etc. Complete with sturdy tripod and stethoscope-type earphones. Uses one 9V Battery (not supplied). Shpg. wt., 5 lbs.

AP-96 Net 12.95
BA-2 9V Battery for above Net 2.26

ROYCE RCS-1 AUDIO ROBOT



- Permits Remote Control of Music System From Any Part of House
- Easy to Use—No Additional Wiring Required
- Economical
- Saves Steps

THE ROYCE MODEL RCS-1 AUDIO ROBOT Remote Control System consists of a ROBOT CONTROL located at the music system and a REMOTE CONTROL pedal at any extension speaker location. The Audio Robot uses less power than an electric clock and is a real heart saver by eliminating unnecessary steps between the equipment and remote speakers. Ideal for enjoying music in the bedroom before retiring. Will handle up to 500 watts of power. For 105-125 volts, 60 cps AC. Dimensions: Robot Control — 5½x2½x3½"; Remote Control — 3½x2½x1" D. Shpg. wt., 2½ lbs.

32⁹⁵

G-546 Extra Switch Assembly for Add. Spkrs. Net 32.95
G-547 Switch Plate for Cabinet Mtg. Net 5.49
G-548 Net 3.99

THOR E-100 COMPACT ¼" ELECTRIC DRILL

- Sensationally Small—Only Half The Size of Conventional Drill
- Diode Input Circuit
- Stator Guaranteed for Life



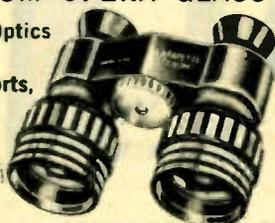
29²⁵

The compactness of the new Thor Compact Drill comes from a completely new approach to electric drill design. Built-in diode rectifier feeds only DC to the motor, which, because of its unique construction, is rated without qualification as the most efficient electric motor ever built into a portable electric tool. Uses a permanent magnet solid stator (no wire windings) which is guaranteed for life. Capacity ¼" in steel, ½" in hardwood. Free speed 1250 rpm. Spindle offset ⅛". Supplied complete with 3-jaw geared chuck and key, 3-cond. cord with 3-prong grounding plug. For 115 volts, 25-60 cps AC only. Overall length 6¾". Shpg. wt., 2 lbs.

Net 29.25

NEW! ZOOM OPERA GLASS

Coated Zoom Optics
2 to 4 x 30
Perfect for Sports,
Theater

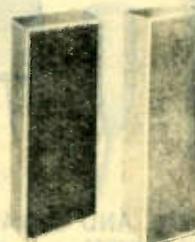


10⁹⁵

Zoom in on your subject—make it big as life. Actually magnifies 2 to 4 times larger than can be seen with the naked eye! Just right for the opera, sporting events, bird watching or all around use. Small enough to fit in your pocket, exceptionally lightweight. These glasses feature zoom optics. 2 power to 4 power. Brings everything up close fast. Individual focus with master zoom control. Coated optics and wide angle give an amazingly clear view. Compares favorably with larger binoculars. Neck band and zipper leather case included. Shpg. wt., 1 lb.

F-835 *Add 10% Fed. Excise Tax Net 10.95*

UTAH SOUND COLUMNS



- Choose SND-1 For Voice and Music in Most Auditoriums
- Smaller SND-2 Recommended for Gyms and Corridors

MODEL SND-1 has six 6" speakers. Frequency response, 110-10,500 cps; Vertical Angle, 24°; Peak Power, 40 watts; Impedance, 16 ohms. Size: 40¾x7¾x6" D. Shpg. wt., 20 lbs.

PE-156WX Tan Spatter Finish Net 53.86
MODEL SND-2 has six 4x6" speakers. Frequency Response, 160-9,500 cps; Vertical Angle, 20°; Peak Power, 30 watts; Impedance, 16 ohms. Size: 28½x7¾x4¼" D. Shpg. wt., 15 lbs.
PE-157W Tan Spatter Finish Net 39.10



NEW!
388

LAFAYETTE MINIATURE DUO - REMOTE T.V. SPEAKER

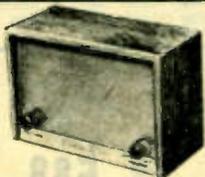
- Not Only An Excellent Extension Speaker—Also Provides Remote Control Volume of TV, Radio, Phono or Hi-Fi
- Adjust Volume Of Your Favorite Program From Bed or Chair
- Mount On Wall or Use On Desk or Table
- May Be Used With Set—Only Minutes to Install

You will be amazed at the number of uses you'll find for this unit. The fine quality of the built-in speaker makes it perfect for use as an extension speaker anywhere in your home or office. It's small size makes it an ideal personal speaker when watching TV or listening to your phonograph. The dual volume controls provide independent volume control of the main speaker from your listening or viewing position or the remote's own self contained speaker. Attractive molded cabinet measures 4Wx2½Hx1¾"D. Complete with 20 ft. of 4-conductor cable. Shpg. wt., 1½ lbs.

SK-145 Net 3.88

TV EXTENSION SPEAKER

738



Full range 4x6" auxiliary speaker in an acoustically constructed, finished wood cabinet. Two built-in volume controls allow use of extension speaker alone, TV speaker alone, or both together for stereophonic sound quality. No need to get out of your easy chair to change the volume level. Wonderful for the hard of hearing when used as a close-up personal speaker. Mahogany finish, with gold grille. Shpg. wt., 4 lbs.

SK-76 Net 7.38

WARD WCA-LC-1 27MC L-COIL CITIZEN BAND ANTENNA

825

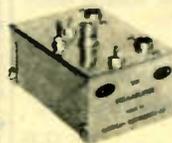
The new Ward L-Coil Citizen Band antenna is designed around famous Ward "8" ball and replaces long steel whip. Makes neat and trim appearance on your car. Improves car radio performance — less fading, less directional. Use car radio and CB radio from same antenna by switching from one to the other. Telescopes from 42" to 63". Easy to install. Shpg. wt., 2 lbs.

HE-985W Net 8.25

NEW! AMECO

MODEL PV NUVISTOR VHF

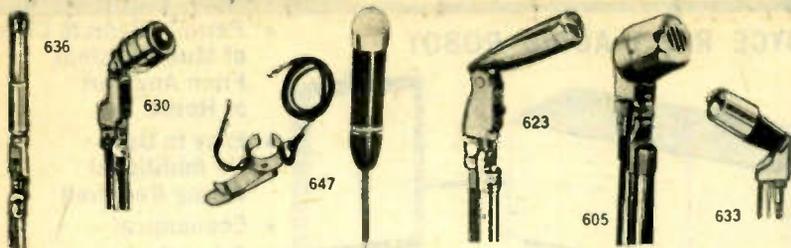
PREAMPLIFIERS



Designed for either 50, 144 or 220 Mc, a Model PV Nuvistor preamplifier can be used ahead of a receiver or converter to improve the gain and noise figure considerably. Unit employs a completely neutralized 6CW4 Nuvistor, for a gain of over 20 db and a noise figure of 2.5 db at 50 Mc, 3.0 db at 144 Mc, and 4.0 db at 220 Mc. Completely wired and tested, requires 100-150 VDC at 8 ma and 6.3 volts at .13 amps, AC or DC. Only 2½x3½x7". Shpg. wt., 2 lbs.

HE-406 PV-27 11 meter Nuvistor Preamp Net 13.67

POPULAR PRICED MICROPHONES *Electro-Voice*



GENERAL PURPOSE OMNIDIRECTIONAL DYNAMIC MIKES

636 "SLIMAIR" DYNAMIC

Slim omni-directional mike for PA or recording. Acoustically balanced diaphragm. Output level—55 db. Response 60-13,000 cps. Selection of HI-Z or 150 ohm impedance made at plug. On-Off switch; satin chrome finish. Swivels 90° on base, tapped for 5/8"-27 stand. With 18 ft. cable and connector. 1 1/8" dia., 10 1/4" long. Shpg. wt., 2 1/2 lbs.

M-31 Net 42.63
 636G—Same as above but gold finish. Net 45.57
 M-226

630 HI-FI, HI-OUTPUT DYNAMIC

A quality microphone resistant to heat and humidity. 60-11,000 cps. output level—55 db. On-Off switch tilt-able head, chrome finish. 50 ohm, 250 ohm or HI-Z output. 2" dia., 6 1/4" long. Shpg. wt., 3 lbs.

M-32 Net 30.87

647 PA LAVALIER DYNAMIC

Small, rugged mike complete with neck cord and support clips. 60-10,000 cps. output level—57 db. Gray enamel finish. 18 ft. cable. 5" long, 1" dia. Shpg. wt. 1 lb.

M-33 Hi Z output Net 48.51
 M-232 Low Z output Net 48.51

623 SLIM DYNAMIC MIKE

Ideal for PA, recording and general use, on stand or in hand. Non-directional. 60-12,000 cps, output level—56 db. adjustable for high or low impedance. Tilttable chrome head, On-Off switch. 5/8"-27 thread, removable 18 ft. cable. Shpg. wt., 2 lbs.

M-38 Net 33.52

605 DURABLE DYNAMIC

Non-directional, general purpose mike. 65-8000 cps. Output level—55 db. Choice of 50-250 ohms, or HI-Z. 18 ft. removable cable, chrome finish. Head set at 22° fixed tilt. Has standard 5/8"-27 thread. 3 1/4" long, 2" dia. Shpg. wt., 1 lb.

M-39 Net 19.11

NEW MODEL 633 DYNAMIC

A unique, high quality dynamic microphone. Integral "On-Off" switch, wide frequency response. 70 to 10,000 cps. output level—57 db. Non-directional. 6 foot cable. Chrome plated die-cast zinc and gray high impact plastic. Shpg. wt. is 1 lb.

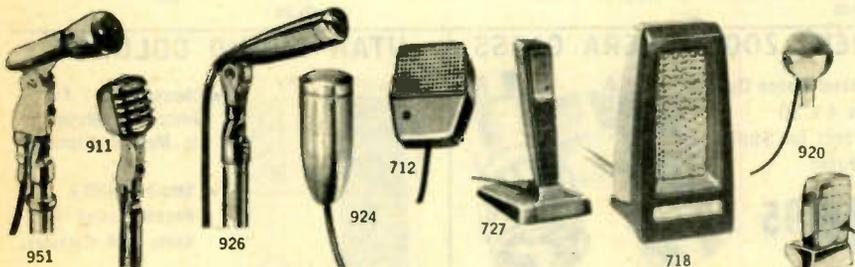
M-228 633 Hi Z Net 20.58
 M-229 633 Low Z Net 20.58
 Same as 633 except, without fixed tilt stand coupler.
 M-230 634 Hi Z Net 18.52
 M-231 634 Low Z Net 18.52



the famous
EV 664
 VARIABLE "D"
 DYNAMIC CARDIOID
 MICROPHONE

A cardioid variable "D" (variable distance) microphone designed for top quality PA applications. Highly desirable cardioid pattern provides a significant front-to-back signal ratio to suppress noise, reverberations, and feedback. Pop-proof wire mesh grille and special construction allow close talking without booming bass, air blasts, or distortion. Non-metallic diaphragm is shielded against dust and magnetic particles. Resistant to extreme conditions of humidity, temperature and vibration. Response 40-15,000 cps. output level—55 db. Output impedance easily changed from high impedance to 150 ohms by changing connection on internal terminal board. Standard 5/8"-27 thread. Satin chrome finished, die-cast case, with ON-OFF switch and removable 18 ft. 2 conductor shielded cable. 1 1/2" dia., 7 1/4" long. Shpg. wt., 2 lbs.

M-26 Net 49.98
 664G—Same as above but gold finish. Net 52.92
 M-227 Net 52.92
 419 DESK STAND. For model 664. Shpg. wt., 3 lbs.
 M-51 Net 5.88



CRYSTAL AND CERAMIC MICROPHONES

951 VARIABLE "D" CRYSTAL

An excellent wide-range all-purpose mike for eliminating background noise and reverberation. Highly directional. Response 50-11,000 cps. output—60 db. HI-Z, On-Off switch. Satin chrome finish. Swivel base with standard 5/8"-27 mount and cable connector. 18-ft cable is removable. 5 1/2" long, 1 1/4" dia. Shpg. wt., 3 lbs.

M-34 Net 32.05

911 "MERCURY" CRYSTAL

High output omnidirectional unit for general use. 50-7000 cps, high impedance, —50 db output level. On-Off switch, chrome case, 18 ft. cable, standard thread. 6 3/4" x 2 3/8" x 3 3/8". Shpg. wt., 3 lbs.

M-35 Net 19.11

926 SLIM CRYSTAL

General purpose mike for stand mounting. Response 60-8000 cps. output level—60 db. HI-Z. Chrome finished case. Tilttable head, standard thread. 6 3/4" x 1 3/8", 18 ft. cable. Shpg. wt., 1 1/2 lbs.

M-36 Net 17.35

924 CRYSTAL LAVALIER

Omnidirectional crystal lavalier for chest or hand use, supplied with neck cord and support clips. High impedance, 60-8000 cps. output level—60 db. 3 3/8" long, 1 3/8" diameter. Shpg. wt., 1 lb.

M-37 Net 11.76

712 CERAMIC

Fits need of PA, home recording, etc. Handheld. Moisture sealed ceramic. Response 70-7000 cps. High output—55 db, HI-Z. Size: 3 x 2 1/4 x 1 3/8". 5' cable. Shpg. wt., 6 oz.

M-54 Net 4.41

727 SLIM CERAMIC

Smart new mike with desk stand and floor stand coupler. Heat resistant ceramic element. 60-8000 cps, output—55 db, HI-Z, 5 ft. cable. 8 1/2 x 1 1/4". Shpg. wt., 1 1/2 lbs.

M-41 With 8 1/2" Shielded Cable Net 10.58

727SR Same as above but with leaf switch to close relay circuit and 3 cond (1 shielded) cable. Net 11.76
 M-42

715 "CENTURY" CERAMIC

Same appearance and uses, same stand as Model 615 at top of page. For hand, table, or stand. 60-7000 cps. HI-Z. —50 db. output. Gray Styron case. 5 ft. cable. Shpg. wt., 1 lb.

M-43 Net 7.64

Model 715S. Same as 715, but includes On-Off switch. Net 8.82

M-44 415 DESK STAND. For model 715. Shpg. wt., 6 oz. Net 1.03
 M-53

718 CERAMIC

Improved replacement for home recorder mikes. 60-6000 cps, —55 db output, HI-Z. 5 ft. cable with phono plug and adapter plug. Shpg. wt., 1 lb.

M-45 Net 7.06

920 SPHEREX CRYSTAL

All-directional crystal mike for home use. Wire mesh head acts as wind screen and blast filter. 60-7000 cps. output—50 db. HI-Z, satin finish, 5/8"-27 thread, 18 ft. cable. Shpg. wt., 1 lb.

M-46 Net 16.17

EV 729 CARDIOID CERAMIC MICROPHONE

NOW! A CARDIOID
 MICROPHONE
 AT
 ONLY **14.41**

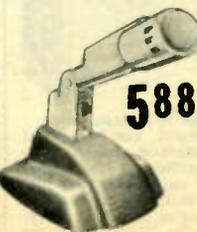


The Model 729 is the lowest priced cardioid ever built. Random noise, reverberation and feed back possibility reduced by a factor of 67%. Front pickup range near twice that of pressure microphones. Designed for public address, paging, amateur radio, home stereo recording, and general communications. Output—55 db. Response 60 to 8,000 cps. High impedance only. May be used in any climate. Available with or without "on-off" switch. Metalaste gray front with medium gray back. Supplied with attractive desk stand and adapter for floor stand. With 8 1/2' cable. Shpg. wt., 1 1/2 lbs.

M-47 Net 14.41

Model 729SR. Same as above, with leaf switch to close relay circuit and 3 cond (1 shielded) cable. Net 15.58
 M-48

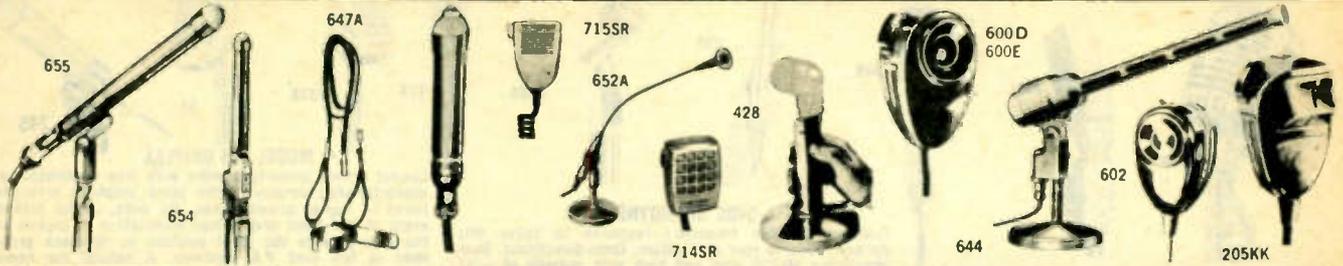
MODEL 418 DESK STAND



Desk stand for use with microphones having small type stud, such as 611, 623, 630, 635, 636, 911, 951. Die-cast base. Gray finish. Shpg. wt., 4 lbs.

M-50 Net 5.88

Electro-Voice QUALITY MICROPHONES



FOR BROADCAST-TV-RECORDING

666 SUPER CARDIOID DYNAMIC

New variable "D" microphone for exacting radio and TV broadcast applications. Cardioid pattern extra sharp for high attenuation of sound from sides and rear; only sound from front of microphone is picked up. Can be used twice as far away from sound source as many other microphones. Frequency response is uniform from 30 to 16,000 cps. Output level—55 db, output impedance as supplied is 50 ohms, but is easily changed to 150 or 250 ohms. Acoustalloy diaphragm used for better performance. Cast Aluminum case is finished in non-reflecting gray. Complete with 20 ft. shielded cable and Cannon UA-311 connector, and Model 300 detachable stand coupler for 1/2" and 5/8"-27 stands. Shpg. wt., 2 lbs.
M-10 Net 149.94

OMNI-DIRECTIONAL DYNAMIC

655C "SLIM-TRIM" TV DYNAMIC

This slender hand or stand microphone covers the entire audio range, from 40 to 20,000 cps. Omni-directional. Output level—55 db, impedance 50, 150 or 250 ohms. Light and small—1 1/8" dia., 10 3/8" long. Complete with adapter for 1/2" and 5/8"-27 stands and with 20 ft. shielded cable. Shpg. wt., 1 1/2 lbs.
M-13 Net 117.60

654 "SLIM-TRIM" STUDIO

Similar to above, but for less critical uses. 50-15,000 cps.—55 db output level, 50 or 250 ohm output. 3/8"-27 threaded swivel mount, 18 ft. cable. 10" long, 1" dia. Gray finish. Shpg. wt., 1 1/2 lbs.
M-14 Net 58.80

647A MINIATURE DYNAMIC

Tiny size with big performance. 60-12,000 cps. Hi-Z of 150 ohms balanced impedance. Output level, —58 db. 18 ft. cable. Complete with neck cord. Size: 2 1/4 x 1 3/4 Dia. Shpg. wt., 1 lb.
M-233 No Money Down Net 48.51

602 NOISE-CANCELLING DYNAMIC

For use in areas with high background noise. 100-7,000 cps. Output, —55db. Press-to-talk switch. 6 ft. retractable coiled cord. Low Imped. Shpg. wt., 1 lb.
M-57 No Money Down Net 33.81

SPECIAL PURPOSE MIKES

205KK DIFFERENTIAL CARBON

Close-talking, noise cancelling, single button carbon for private aircraft and emergency communications. Blast-proof, waterproof, shock-resistant. Output at 1/4" —50db. Black phenolic case. Press to talk switch. Mtg. bracket. 6' coiled cord. 2 1/4 x 2 1/4 x 4". Shpg. wt., 1 lb.
M-225 Net 26.46



502A CABLE MATCHING TRANSFORMER

Matches 50, 250, or 500 to Hi-Z amplifier input. 40-20,000 cps ± 1 db. MC-4 connectors. 2 7/8 x 2" dia. Shpg. wt., 1 lb.
M-49 Net 10.29

428 TOUCH-TO-TALK DESK STAND

Accepts microphones with standard 5/8"-27 threads. Blade type switch, SPDT, with locking button. Satin chrome finish. Size 7"H, base 5 1/8" dia.
M-56 Shpg. wt., 2 lbs. Net 10.29

715 SR MOBILE AND CB

Model 715SR has been designed specifically for mobile communications use. Omni-directional ceramic type. Frequency response 60-7000 cycles. High impedance output —55 db. Relay actuating switch for push-to-talk. Hanger button on back of case — with dash panel hanging bracket. Die cast, satin chrome case. 5 ft. of shielded cable. Shpg. wt., 1 lb.
M-55 Net 10.50

714SR CERAMIC COMMUNICATIONS

A new high output, ceramic mobile communications microphone for paging, ham radio, and citizen's band use. Molded, tough "Cycloac" case, usually found only in most expensive mobile microphones, assures long life and protection from accidental shock damage. Response tailored for maximum intelligibility. High level, high impedance output —55 db over range of 60 to 7,000 cps. DPST switch shorts microphone in "off" position and closes relay circuit in "on" position. 3-conductor coiled cord 10' retracted. Including cable. Complete with hang-up bracket. Size: 2 1/2 x 1 1/2 x 3 3/8". Shpg. wt., 1 lb.
M-235 Net 9.70

644 "SOUND SPOT" UNI-DIRECTIONAL LINE MICROPHONE

A combination cardioid and distributed front opening makes this the most directional microphone ever. Better than 2.5 times the working distance of pressure types. Cancellation from the rear and sides exceed 20 db giving virtually complete rejection of unwanted sound. The effective front acceptance angle is 45° each side of center giving best isolation of individual performers. High reduction of wind noise and low sensitivity to shock. Smooth response from 40 to 12,000 cps, high output—52 db, dual high and low impedance selective. The case is high-pressure diecast zinc. Rear diameter 2 3/4", length 16" cable is 18" Shpg. wt., 3 lbs.
M-25 Net 64.68

Model 652 "Thin-Trim" Dynamic Microphone

A unique design for an almost invisible dynamic microphone. The microphone is mounted on the semirigid tube bringing the moving coil element closer to the user for full range, pop free response. Ideal to be used where the microphone should be inconspicuous. Two clear plastic baffles provide a 6 db or 3 db boost in the brilliance range for added articulation. Has built-in wind filter. Response uniform from 50 to 12,000 cps without the baffles. Output level —60 db. Matches all low impedance. Light tan, non reflecting finish. Complete with 20' cable, cable connector and Model 300 Stand coupler. Length of microphone to cable connector 25".
M-16 less stand, Shpg. wt., 1 lb. Net 70.56
Model 652A. Same as above, except 15" long. Net 70.56

M-17 Net 70.56

600D DYNAMIC MOBILE

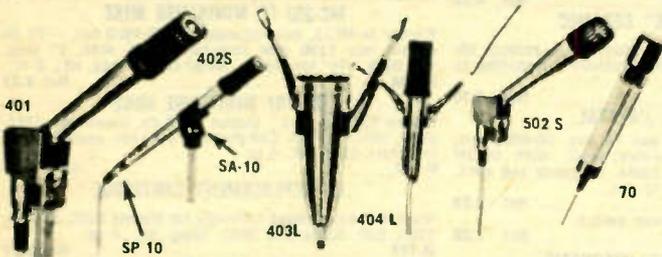
Semi-directional, rugged microphone designed to snugly fit into hand. Output level —55 db. Press to talk switch. Hi-Z impedance. 2 1/4 x 2 x 4", 5 ft. cable.
M-27 Hi-Z Shpg. wt., 1 lb. Net 27.93

M-236 50 OHM IMP. Net 27.93
M-237 250 OHM IMP. Net 27.93

600E DYNAMIC COMMUNICATIONS

Rugged construction for mobile use. "Off" switch. 100-7,000 cps. Output, —55db. 6 ft. coiled cord. With hang-up bracket. Size 2 1/2 x 1 1/2 x 4". Shpg. wt., 1 lb.
M-234 No Money Down Net 27.93

UNIVERSITY MICROPHONES



401 OMNI-DIRECTIONAL DYNAMIC

Especially designed for quality public address systems. Features resilient Unilar diaphragm. Response is level from 50-18,000 cps. Choice of 3 impedance ranges, 30/50, 150/250 and 20,000 ohms. Output level—55db. 6 3/4" long, 1 3/4" dia. Chrome case with black element cover. Shpg. wt., 3/4 lb.
M-200 Net 42.63

70 OMNI-DIRECTIONAL DYNAMIC

General use. 50-14,000 cps. Dual impedances 30/50 and 20,000 ohms. Level —50 db on low impedance. Hum —120 db. 15 ft. cable. 6" x 1 1/4" OD. Slide on stand adapter.
M-212 Shpg. wt., 1 lb. Net 29.35
Model 71 Same as Model 70 but with switch.
M-213 Net 34.25

501 CARDIOID DYNAMIC

Designed to suppress background noise. 3 impedance ranges. Response from 35-15,000 cps. Output level —54 db. 5 3/8" long, 1 1/2" dia. Shpg. wt., 1 lb.
M-204 Net 73.50

502S CARDIOID DYNAMIC

Similar to model 501 but is shock mounted and has wide range response 30-16,000 cps. unidirectional. 7 1/4 long. 1 3/4" O.D. Less cable. Shpg. wt., 1 1/4 lbs.
M-205 No Money Down Net 85.26

ACCESSORIES

CC 10 Cable Adapter with 18" cord. Net 5.88
M-206 Shpg. wt., 3/4 lb. Net 5.88
CA 10 Cannon plug, 18 ft cable, with push-action latch lock. Net 5.88
M-211 Shpg. wt., 1 lb. Net 5.88
SP 10 Cannon Plug adapter with switch. Net 6.76
M-207 Shpg. wt., 1 1/4 lb. Net 6.76
PA 10 Cannon Plug adapter. Wt., 1 1/4 lb. Net 6.17
M-208 Net 6.17
SA 10 Slide-On Stand Adapter. Net 4.12
M-209 Shpg. wt., 1 1/4 lb. Net 4.12
SSP 10 Stand Adapter, switch and plug. Net 10.88
M-210 Shpg. wt., 3/4 lb. Net 10.88

402S OMNI-DIRECTIONAL DYNAMIC

Wide frequency response from 50-20,000 cps make this moving coil microphone practical for broadcasting and high quality recording. Has selection of 2 low and 1 high impedance. Output level —55db. Aluminum encased elements are shock mounted. Satin chrome and black. 8 3/4" long, 1 3/4" dia. Shpg. wt., 3/4 lb.
M-201 Net 46.75

403L OMNI-DIRECTIONAL LAVALIER

Perfect for broadcasting applications where a very compact lavalier or "hand held" microphone is needed. Dynamic element provides wide response from 50-18,000 cps. Dual impedance, 30/50 and 150/250 ohms. Output level —55db. With 25 ft. cable. Satin chrome and black finish. 3 1/2" long, 1 1/8" diam. Shpg. wt., 1 lb.
M-202 Net 51.45

404L OMNI-DIRECTIONAL LAVALIER

Small dynamic with response from 50-20,000 cps. Two low and one high impedance. 25 ft. cable. Output level—55db. 4 1/4" long, 1 1/2" dia.
M-203 Shpg. wt., 3/4 lb. Net 55.86

SHURE - MICROPHONES FOR BROADCASTING-PA- AND GENERAL PURPOSE APPLICATIONS



55S

55S CARDIOM DYNAMIC MIKE

Sturdy dynamic mike, withstands shock, high heat and humidity. 2 low or hi-Z output. Response: 50-15,000 cps; output is —60 db. Swivel mounted case, with standard 1/8" —27 thread mount and 20 ft. cable. Size 3 3/4" x 2 3/4" x 3 3/4". Shpg. wt., 4 1/2 lbs.

M-100 Net 48.80

55SW. Same as above with on-off switch. Net 49.98

556S Specially constructed deluxe version of above. Guaranteed response ±2 1/2 db from 40 to 15,000 cps. Has Cannon XL-3-11 cable connector and special rubber mounting to reduce vibration pickup. Net 79.38

M-101

333 UNIDIRECTIONAL RIBBON MIKE

A professional ribbon microphone for the most exacting user. Guaranteed response ±2 1/2 db, 30-15,000 cps. Ultra-cardioid pattern greatly reduces background noise. Output impedances of 50, 150 or 250 ohms. —60 db sensitivity. Non-reflecting bronze finish, 20 foot detachable cable. Size: 3 3/4" x 1 1/4" x 1 1/4". Shpg. wt., 4 lbs.

M-102 Net 147.00

330 Similar to above, but less Voice-Music switch. Satin-chrome finish. Net 70.56

M-103

275S ON 538 BASE



707A

275S CERAMIC

Smart, modern design with rugged, lightweight construction in a low cost unit. Wide freq. response 40-12,000 cps for tape recording, P.A., ham and many other applications. Built-in filter reduces voice "pop". Complete with locking, slide-to-talk switch, plus lavaliere assembly and stand adaptor. Shpg. wt., 8 oz.

M-175 Less Base Net 8.82

707A CRYSTAL MIKE

Low cost crystal microphone for amateur radio, tape recording, and public address. Response 30-7000 cps. Hi-Z, output —50 db. 7 ft. cable, 1/8" —27 thread. Size 3 3/4" long, 2 1/2" dia. Shpg. wt., 2 lbs. less base

M-104 Less Base Net 11.47

520 Magnetic version of above, immune to hot weather. Response: 100-9000 cps, output —52.5 db. Net 13.23

M-105

86GA LINE TRANSFORMER

High quality transformer for connecting low impedance mikes to high impedance amplifiers. 35-50 ohm or 150-250 ohm input, Hi-Z output. Preserves high frequencies and cuts hum pickup in long lines. 20-20,000 cps ±1 db. 1 3/8" long, 7/8" dia. 2 ft. of cable. Shpg. wt., 2 lbs.

M-128 Net 10.29

RETRACTING MICROPHONE CABLES

Rubber covered coiled cord for 505T and other carbon mikes. 4 conductors for mike and press-to-talk switch. Stretches from 1 foot to 6 feet. Shpg. wt., 1 1/2 lbs.

M-130 Type C15C Net 3.67

3 conductor (1 shielded) used with 404C. Net 5.73

M-89 Type C12C

4 conductor (2 shielded) used with 404B. Net 5.88

M-90 Type C14C

545



540S SONODYNE II

Features variable frequency response to tailor this dynamic mike to your application. Omni-directional. Dual impedance 50-250 ohm and high with outputs of —57 db and —52.5 db respectively. Response 60-10,000 cps. 15 ft. 2 cond. shield cable with connector. Die cast case. 150° swivel, 3/8" L x 1 1/8" diam.

M-92 Shpg. wt., 4 lbs. Net 29.37

545 UNIDYNE III

An unusually handsome, cardioid dynamic microphone for fine quality recording and PA use. Response 50-15,000 cps. Cardioid pattern increases pickup distance and reduces noise and feed back possibilities. Dual output—low —57db, high —55db. Dual impedance, 50-250 ohms and high impedance. Detachable 18 ft. 3 conductor shielded cable. Satin chrome and black finish. 5 3/4" long, 1 1/4" diam. With A25 swivel adaptor. Shpg. wt., 3 lbs.

M-93 Net 49.98

545S. Similar to above with on-off switch. Net 52.85

M-91

737A CRYSTAL CARDIOM

A high output, high impedance crystal microphone. Cardioid pattern attenuates background noise. Swivel permits pointing up for all-directional pickup. 60-10,000 cps, —54 db output. Satin chrome case, standard thread mount. 15 ft. shielded cable included. 4 x 3 3/4" x 1 1/4". Shpg. wt., 2 1/2 lbs.

M-111 Net 27.05

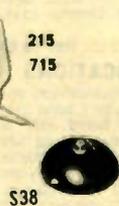
535 "SLENDYNE" DYNAMIC

A moderately priced, all-directional dynamic microphone. —61 db output at either 50-250 ohms or hi-Z. Response 60-13,500 cps. Complete with On-Off switch and A25 swivel adaptor. Satin-chrome finish. 7 1/2" long, 1" dia. Shpg. wt., 3 lbs.

M-112 Net 42.63

M-112

215 715



S38

715 "STARLITE" CRYSTAL

Semi-directional unit for home recording and inexpensive P.A. Systems. 50-10,000 cps, —50 db output into high impedance. Case is durable polystyrene with built-in retractable stand and 5 ft. shielded cable. 3 3/4" x 2 3/4" x 1 1/4". Shpg. wt., 1 1/2 lbs.

M-113 Net 4.70

215 "STARLITE" CERAMIC

Ceramic version identical with Model 715, except: 50-8000 cps response, —56.5 db sensitivity. Insensitive to heat.

M-114 Net 4.70

710S "REX" CRYSTAL

A crystal mike for amateur and PA use. 60-9000 cps, —50 db output, Hi-Z, semi-directional. With On-Off switch, stand adaptor, 7 ft. cable. Burgundy red case, 3 1/2" x 2 3/4" x 1 1/2". Shpg. wt., 1 1/4 lbs.

M-115 Net 8.23

710A Same as above, but less switch. Net 7.06

M-116

510S "HERCULES" MAGNETIC

Magnetic version of Model 710S. 100-7000 cps, —52.5 db output, metallic green finish. Shpg. wt., 1 1/2 lbs.

M-117 Net 11.17

510C Same as Model 510S, but less switch. Net 10.00

M-118

S36A DESK MOUNT

Similar in appearance to base of 520SL. Fits all Shure connector type microphones. Adapter provided for other types. Shpg. wt., 1 1/4 lbs.

M-119 Net 3.82

535



540S



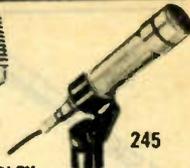
777



737A



51



245

MODEL 245 UNIPLEX

Lowest priced probe-type mike with true unidirectional characteristics employing the same uniphase principle found in higher priced mikes. Its wide, useful pickup angle at the front and virtual elimination of pickup at the rear provide the ideal solution to feedback problems in low cost P.A. systems. A natural for home recording, base station, paging and language labs. Rugged ceramic cartridge performs from —40° to +170° F. Shpg. wt., 1 lb.

M-176 Model 245. Complete with A25B swivel/stand adaptor and removable cable. Net 20.58

M-177 Model 245S. Same as above but includes on/off switch. Net 21.75

M-178 Model 245G. Gooseneck mounting version of 245 with fixed cable, no swivel adaptor. Net 17.64

M-179 Model 245GS. Gooseneck mounting version of 245S with fixed cable, no adaptor. Net 18.81

777 "SLIM-X" CRYSTAL MIKE

A small unit weighing only 6 ounces, this is the ideal microphone for hand-held use. 60-10,000 cps, —62 db output into high impedance. Includes lavaliere cord, stand adaptor, 7 ft. removable shielded cable. Satin chrome finish. 4 1/2" long, 1" dia. Shpg. wt., 1 1/4 lbs.

M-120 Net 14.70

777S Same as above, but has added On-Off Switch. Net 15.88

M-121

51 "SONODYNE" DYNAMIC MICROPHONE

The ideal moderately priced microphone for public address and recording. Semi-directional dynamic element is immune to heat and humidity. Response 60-10,000 cps. Screwdriver adjustment for low, medium, or high impedance output. —52 db output level. Swivel mount and standard 1/8" —27 thread. Satin chrome finish, 15 ft. cable and connector. Shpg. wt., 3 1/2 lbs.

M-124 Net 29.11

51S. Same as above with built-in on-off switch. Net 30.28

M-27



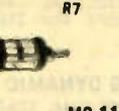
MC11



MC30J



R5



R7



C15C

MC-11J 1" MINIATURE MIKE

Specially designed for miniature and transistorized equipment. Magnetic, 1000 ohm impedance, 400-3000 cps, —71 db output. Circular case with eyelet solder terminals. Cadmium plated case. 1" dia. 3/8" thick. Shpg. wt., 6 oz.

M-125 Net 7.35

MC-20J 1" MINIATURE MIKE

Similar to MC11, but rectangular. 400-4500 cps, —75 db output into 1100 ohm impedance. 3/4" wide, 1" long. 3/8" thick, 1 1/2" long leads. Metal cased. Shpg. wt., 6 oz.

M-126 Net 8.23

MC-30J MINIATURE MIKE

Square 1/2 x 1/2 x 3/4". Output —76 db, impedance 1850 ohms, 400-3500 cps. Cad-plated brass case, eyelet solder terminals. Shpg. wt., 6 oz.

M-132 Net 11.76

R5 REPLACEMENT CARTRIDGE

Magnetic replacement cartridge for Models 510C, 510MD, 510S, 520, 520SL and 505C. Shpg. wt., 4 oz.

M-127 Net 6.47

R7 REPLACEMENT CARTRIDGE

Crystal replacement cartridge for Models 707A and 708A. —48 db output. Shpg. wt., 5 oz.

M-128 Net 4.85

S38 DESK STAND

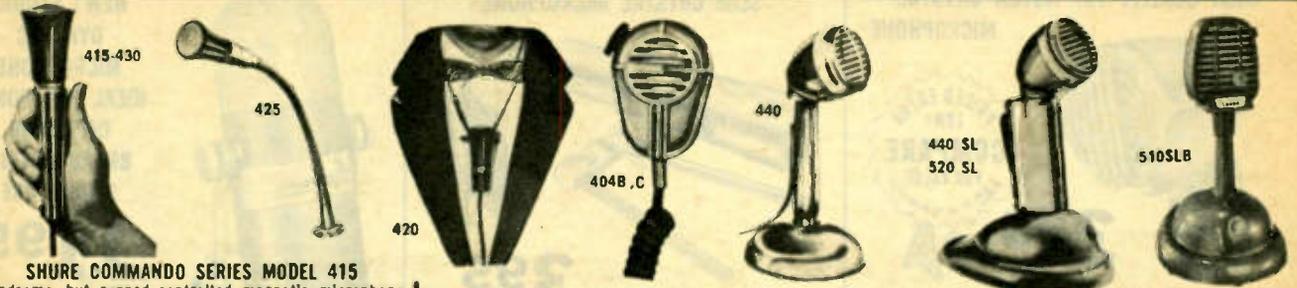
M-122 For 275S, 777 and 777S. 1 1/4" lbs. Net 2.65

A25 SWIVEL ADAPTER

For models 525, 535, 777, 777S. For use with standard floor or desk stand. Shpg. wt., 8 oz.

M-123 Net 3.23

SHURE-ASTATIC MICROPHONES



SHURE COMMANDO SERIES MODEL 415

Handsome, but rugged controlled magnetic microphone for general purpose use. Response from 60-10,000 cps. Output level —52db, high impedance. With 7 ft. non-detachable cable and swivel adapter. 6 $\frac{1}{4}$ " long, 1 $\frac{3}{4}$ " dia. Shpg. wt., 1 lb.

- M-133 Net 16.17
- MODEL 420. Same as Model 415 except High/Low impedance; 20' non-detachable 2 conductor shielded cable 3 $\frac{1}{8}$ " long, 1 $\frac{3}{4}$ " dia. With lavalier cord. Shpg. wt., 1 $\frac{1}{2}$ lb.
- M-134 Net 17.64
- MODEL 425-G6. Same as Model 420 except has 6" flexible gooseneck and mounting flange; 7' non-detachable 2 conductor shielded cable. Shpg. wt., 1 $\frac{3}{4}$ lbs.
- M-135 Net 19.40
- MODEL 425-G12. Same as Model 425-G6, but has 12" flexible gooseneck. Shpg. wt., 2 $\frac{1}{4}$ lbs.
- M-136 Net 19.74
- MODEL 425-G18. Same as Model 425-G6 but with 18" gooseneck. Shpg. wt., 2 $\frac{3}{4}$ lbs.
- M-137 Net 20.58
- MODEL 430. Same as Model 420 except with 15' detachable 2 conductor shielded cable and press-to-talk switch. Shpg. wt., 1 $\frac{1}{2}$ lbs.
- M-138 Net 22.64

SHURE COMMUNICATIONS MIKES MODEL 404B

Sturdily built for hand-held mobile applications. Controlled magnetic element tailors characteristics for maximum readability. Response 200-8,000 cps. Output level —50 db; 150-250 ohms impedance. High impact Arm-Dur case. Includes 5 ft. 4 conductor (2 shielded) coiled cord. Push to talk switch normally closed may be changed to open; and mounting bracket. 3 $\frac{1}{4}$ "Hx2 $\frac{3}{8}$ "Wx1 $\frac{1}{4}$ "D.

- M-85 Shpg. wt., 1 lb. Net 19.40

- MODEL 404C. Same as Model 404B but high impedance. M-86 Shpg. wt., 1 lb. Net 19.40

SHURE 510SLB STATION MIKE

Low impedance microphone built for communications applications. Controlled magnetic mike has response from 100-7000 cps. Output —51db, 150-250 ohms. Die cast zinc case, finished in metallic green. Includes sturdy desk stand. Press-to-talk, locking or non-locking switch. 7 ft. 2 conductor shielded cable. Size: 8 $\frac{7}{8}$ "Hx5Wx7"D. Shpg. wt., 3 $\frac{3}{4}$ lbs.

- M-139 Net 17.49

SHURE SINGLE-SIDE BAND MIKES MODEL 440

Controlled magnetic type with sharp high and low frequency cutoffs. Eliminates the need for audio filters. Response 300-3000 cps. Output —52.5db, high impedance. Semi-directional pattern. Die cast zinc case, finished in satin chrome. 7 ft. single conductor shielded cable. Less stand 2 $\frac{3}{8}$ " dia. 3 $\frac{1}{4}$ " long.

- M-98 Shpg. wt., 1 $\frac{1}{2}$ lbs. Net 14.70
- MODEL 440SL. Same as Model 440 but with stand, grip-to-talk switch and 7 ft. 2 conductor cable. Size: 9 $\frac{3}{4}$ "Hx5Wx7"D. Shpg. wt., 5 lbs.
- M-99 Net 27.93

520SL "DISPATCHER" MAGNETIC

The ideal mike for busy radio operators or for dispatching and paging. Consists of Model 520 mike mounted on special stand. Push large bar to talk, slide down permanent connection. Easy to operate. Chrome and green finish. 7 ft. Cable. 9 $\frac{1}{2}$ "Hx5Wx7"D. Shpg. wt., 5 lbs.

- M-106 Net 26.46

ASTATIC MICROPHONES



JT-30 CRYSTAL MIKE

Dependable high output crystal microphone for PA and recording use. Response 30-10,000 cps. Output —49db, high impedance (1-5 megohms). Complete with base and detachable 8 ft. cable. Streamline die cast case with gray Hammerlin finish. Size: 8" high (with stand), 2 $\frac{3}{8}$ " dia. grille, 5 $\frac{1}{8}$ " dia. base. Shpg. wt., 3 lbs.

- M-152 Net 10.82

77 SERIES CARDIOID MIKES

Model 77. High quality dynamic cardioid microphone. Response 30-15,000 cps. Output —52db. Blast-proof mylar diaphragm; pressure cast housing. Switchable Impedance — high 40,000 ohms, medium 150-250 ohms, low 30-50 ohms. With on-off switch, 20 ft. 2 conductor shielded cable and 90° swivel. Satin chrome finish. Shpg. wt., 3 lbs.

- M-149 Net 48.51

Model 77L. Same as Model 77 but less ON-OFF switch and cable. Shpg. wt., 3 lbs.

- M-150 Net 42.63

Model G77. Same as Model 77 but with Model G grip-to-talk stand and 8' cable. Shpg. wt., 7 lbs.

- M-151 Net 57.30

Model 150 RECORDER MIKE

Low cost, high output microphone weighing only 3 ounces. Response 30-10,000 cps. Output —44db, high impedance (1-5 megohms). Grey impact-resistant case, aluminum anodized grille. 5 ft. single conductor cable. Size 2 $\frac{3}{8}$ "Hx2 $\frac{3}{8}$ "Wx1 $\frac{1}{4}$ "D. Shpg. wt., $\frac{3}{4}$ lb.

- M-156 Net 3.82

Model 151 CERAMIC MIKE

Similar to Model 150 but ceramic type. Output —48db. Response 30-8000 cps. Shpg. wt., $\frac{3}{4}$ lb.

- M-160 Net 3.82

Model 332 CRYSTAL MIKE

Popular lightweight crystal microphone for general purpose use. Response 30-15,000 cps. Output —54db, high impedance. Ideal where size and weight are a premium but good quality is required. Tapered die-cast housing. Satin chrome finish, chrome cap and black grille. 8 ft. single conductor cable. Built-in ON-OFF switch with lock-on provision. With lavalier and stand adapter for 3 $\frac{1}{8}$ "—27 thread. 4 $\frac{1}{2}$ " long, 1 $\frac{1}{8}$ " dia. Shpg. wt., 1 lb.

- M-158 Net 10.53

A7 Stand For Model 332, microphone. Shpg. wt., $\frac{1}{4}$ lb.

- M-159 Net 1.44

ASTATIC D-104 MICROPHONE



Used extensively by radio amateurs for its high intelligibility and "punch." Responds with rising characteristics from 500-4,000 cps. High output sealed crystal element is impervious to moisture. Output level —46 db. Chrome finished mesh grille and body. With 5 ft. single conductor, shielded cable and adaptor to 3/8" —27 thread. Shpg. wt., 1 $\frac{1}{4}$ lbs.

- M-162 Net 18.23

Model GD-104 Same as D-104 except with push-to-talk stand. Shpg. wt., 4 lbs.

- M-161 Net 30.11



GD-104

LAFAYETTE

DYNAMIC PUSH-TO-TALK MICROPHONE FOR CITIZENS BAND TRANSCEIVERS



- Specifically designed for CB Use
- Momentary-on Spring Return Switch
- Lightweight • Deluxe Styling

Specifically designed for Citizens Band Use!

Lafayette now offers a new top quality dynamic microphone at an unusually low price. Specifically designed for citizen band and communication transceivers. Attractive design in black and chrome; tapered styling to fit the hand easily. High impedance dynamic transducer will not be adversely affected by heat and smooth frequency response of 100 to 11,000 cycles make it most suitable for communications work — indoors or out. Comes equipped with a momentary push-to-talk switch, coiled rubber cable with a 5 prong plug and a convenient hang up bracket. Shpg. wt., 1 lb. PA-274 Imported Net 8.95

MODEL CM-1 PUSH-TO-TALK CARBON MICROPHONE



Heavy-duty communications type for mobile operation Black moulded plastic case. Available with retractable or straight cord. Frequency response 200-4000 cps. With hanging bracket. Bypassed for R.F. Single button type. D.P.S.T. switch. Shpg. wt., 1 lb.

- M-81 CM-1-SC mike with straight cord Net 7.95

- M-80 CM-1-CC mike with coiled cord Net 9.95

FINE QUALITY MICROPHONES AT HISTORY MAKING PRICES

HIGH QUALITY TOP NOTCH CRYSTAL MICROPHONE



PRICED EXTRA LOW!
COMPARE FOR VALUE

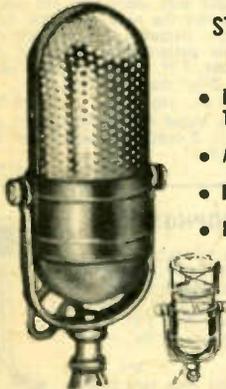
395

Lafayette makes history with a high quality CRYSTAL MICROPHONE at a price that is less than any comparable Crystal Microphone on the market today. Excellent for PA systems, home recorders and general applications. Frequency response 30 to 10,000 cycles. Output level—52 db. provides ample output for use with low gain amplifiers. Uses quality moisture sealed crystal; Die cast case in rich green baked enamel finish, with chrome grill. Completely equipped with 5 feet of shielded cable. Mike may be used on any stand with 5/8"-27 thread. Grill diameter 2 3/4", depth 4 1/4", height 4 1/2". Shpg. wt., 3 1/2 lbs. Imported
PA-24

Net 3.95

STUDIO CRYSTAL MICROPHONE

- DUAL CRYSTAL CARTRIDGES
- ALL DIRECTIONAL
- FINE QUALITY
- HIGH OUTPUT



495

Here is a microphone with a 360° pickup, and the added power and sensitivity of two individually shock mounted and phased crystal cartridges. This arrangement assures you of maximum pickup from all sides. Swivel mounted to give fuller flexibility. Case is chrome plated. Standard 5/8"-27 thread. Overall size 7Hx3"W complete with 4 ft. cable. Shpg. wt., 2 lbs. Imported
PA-17

Net 4.95

NEW TOP QUALITY CRYSTAL MIKE

A LAFAYETTE SCOOP!

295

A new, attractively styled crystal microphone for all general applications such as public address and home recording—at a history making low price! Frequency response 30-10,000 cycles. Output level—52 db. Tilting head, attractive plastic case. Can be used on any stand with 5/8"-27 thread. Completely equipped with 5 ft. plastic covered shielded cable. Grill diam. 2 1/4", depth 3 1/2", height 4". Shpg. wt., 2 lbs. One of the best buys in the country! Imported
PA-42

Net 2.95

SLIM CRYSTAL MICROPHONE



395

CRYSTAL MIKE ON STAND

A slim crystal microphone for desk top or hand-held use that is uniquely designed for universal application, smartly styled and attractively finished. Changes in temperature and humidity do not affect its efficiency, nor does increasing the cable length increase noise or change frequency characteristics. Ingenious swivel mounting permits horizontal and vertical rotation for most convenient angle of use. Microphone easily removed from base for holding in hand. Microphone, base, grill and all fittings are chrome finished. Has a wide range smooth frequency response and an omni-directional polar pattern. Built-in locking type on-off slide switch. Microphone is only 5" long x 1" max. dia. Shpg. wt., 2 lbs. Imported
PA-45 Microphone Complete with Stand

Net 3.95

NEW "DYNA-SLIM" MICROPHONE

- HIGH IMPEDANCE — 50,000 OHMS
- ON-OFF SWITCH
- "QUICK-SLIP" ADAPTER

695

New dynamic, high output microphone with many features of "mikes" sold above Lafayette's price! Output level —55 db. Smooth response from 60 to 10,000 cycles. Omnidirectional head. External on-off switch. Slips on or off stand adapter in a wink. Standard 5/8"-27 adapter permits tilting mike for multi-angle use. Satin black and chrome finish. Complete with detachable cable and connector. 8" long, 1 1/4" max. dia. tapered barrel 7". Shpg. wt., 2 lbs. Imported
PA-43 Imported

Net 6.95



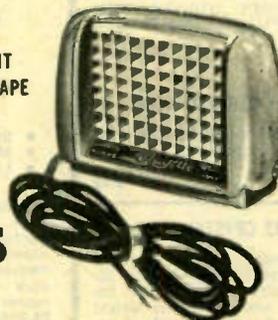
NEW HI-IMPEDANCE CRYSTAL MIKE

- EXCEPTIONAL PERFORMANCE AT AMAZINGLY LOW PRICE
- IDEAL REPLACEMENT MIKE FOR TAPE RECORDERS

295

An attractive high quality microphone that is outstanding for tape recorder as well as countless applications requiring a reliable hi-impedance crystal microphone. Has a frequency response of 30-10,000 cps and an output level of —51 db. Can be used as very neat desk microphone or can be conveniently held in hand. Housed in neat plastic case and is supplied with 8 foot flexible, single conductor shielded cable. 3x2 1/4". Shpg. wt., 1 lb. Imported
PA-73 Imported

Net 2.95



NEW! STUDIO DYNAMIC MICROPHONE IDEAL FOR HOME, OFFICE OR BROADCASTING STUDIO USE

1195

- FREQUENCY RESPONSE 50-11,000 cps.
- HIGH IMPEDANCE 50,000 OHMS
- HIGH OUTPUT



A revelation in microphone value, this high quality omni-directional dynamic microphone provides features found in microphones selling for many times the price. Employing a unique swirl ridged aluminum diaphragm completely sealed and gasketed against high humidity and temperature conditions, the PA-49 proves ideal for a wide variety of applications, such as tape recording, church, choral troupes and theatrical use. The 360° stirrured shaped bracket provides for mounting with any 5/8"-27 thread floor, desk stand or boom mount. Finished in an attractive gunmetal grey the microphone is supplied with 4 1/2' shielded cable. Shpg. wt., 1 lb. Imported
PA-49 MICROPHONE Imported

Net 11.95

PUSH-TO-TALK CARBON MICROPHONE



695

- Retractable Coiled Cord
- Shaped to Fit Your Hand
- Convenient Push-To-Talk Switch
- Outstanding Performance at a Low Price

A hand-held microphone ideal for mobile communications. Designed to fit your hand comfortably with easy-to-reach, easy-to-use push-to-talk switch. Furnished with hanging bracket for convenient mounting. Sturdy plastic case. Frequency response: 200-4,000 cps. Low impedance. Shpg. wt., 1 lb. Imported
PA-262 Imported

Net 6.95

3 WAY SLIM CRYSTAL MICROPHONE

- May be hand-held, stand mounted or suspended by lavalier cord!
- RESPONSE 60-10,000 CPS
- ON-Off Switch

395

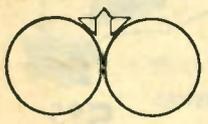
A tremendous value! Unique design, only 4 1/2"x1 1/2" diam. Comes complete with swivel adapter to fit all standard mike stands, and lavalier cord and bracket which leaves both hands free. Smooth wide range response. Locking type on-off slide switch. Detachable 7 ft. cable and connector. Shpg. wt., 2 lbs. Imported
PA-31 Singly Each

3.95



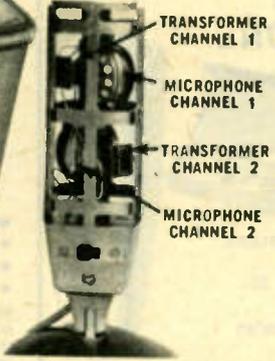
LAFAYETTE - MICROPHONES FOR BROADCASTING-PA- AND GENERAL PURPOSE APPLICATIONS

- 2 Separate EXCLUSIVE OMNI-DIRECTIONAL PATTERNS 90° APART GIVING FULL 360° PICK UP.



Polar Pattern For PA-263

NEW



ONLY 17.95

STEREO

DYNAMIC MICROPHONE

LAFAYETTE Brings Quality to Stereo Sound Applications AT A PRICE YOU CAN AFFORD With The New Revolutionary STEREO DYNAMIC MICROPHONE

- Outstanding Performance Characteristics Compatible For Both STEREO and MONAURAL Operation.
- IDEAL FOR TAPE RECORDING OF LARGE Orchestras, Band Concerts, Stage Plays, Small Musical Combos, and All Other Microphone Uses.
- Excellent For Use With School Dramatic Groups.
- SEPARATE SWITCH FOR EITHER MONAURAL OR STEREO OPERATION.
- Satin Chrome-Plated, All-Metal Construction.

Lafayette offers a new, outstanding flexible stereo dynamic microphone. Designed by leading audio engineers, the PA-263 offers you outstanding performance at a price you can afford. Completely eliminates need for two mikes. Constructed and designed to obtain the optimum in stereo effect and monaural pick up. Also—excellent for pick up of "reverberation" for full dimensional sound. Mounted on top-plee-proof, heavily weighted, all metal base. Uses gland type swivel joint. Also—adaptable to all type floor stand mounts. Frequency response 50-15,000 cps. Practically flat 80-10,000 cps. Impedance 50K ohms. Polar Pattern—2 omni-directional patterns 90° apart—comes complete with mike cable. Shpg. wt., 6 lbs. PA-263 Imported..... Net 17.95

ONLY 11.95



NEW! DUAL IMPEDANCE SLIM DYNAMIC MICROPHONE

- RUGGEDLY CONSTRUCTED
- ON-OFF SWITCH
- 600 & 50,000 OHM IMPEDANCES SELECTED BY SIMPLE ROTATION OF PLUG

Beautiful, professional-looking dynamic with solidly-cast, tapered, slim case with satin-chrome finish. Heavy duty slide-type on-off switch. Built-in transformer supplies dual unbalanced impedances—low Z is 600 ohms, high Z is 50,000 Ohms. Swivel mount fits all standard 5/8"-27 threaded stands. Blast filter eliminates unpleasant "pops" with voice use. Omnidirectional when used vertically—cardioid pattern when tilted. Engineering design and finish are of the highest quality, making this microphone excellent for any application. Complete with 5 ft. plug-in cable. Shpg. wt., 2 1/2 lbs. Imported PA-46..... Net 11.95

ARGONNE ALL-PURPOSE DYNAMIC MICROPHONE

- IDEAL FOR TAPE RECORDING, PAGING, COMMUNICATIONS
- DUAL IMPEDANCE—250 & 50,000 OHMS
- USABLE RESPONSE 50-18,000 CPS
- FOR HAND-HELD, DESK OR FLOOR STAND USE



Here is a flexible dynamic microphone with characteristics suitable for almost any application. Ruggedly constructed, with tapered cast-metal body and removable base for desk use. Mounts to the base by means of a 360° swivel adjustable ball joint and fitted with an adapter for standard 5/8"-27 floor stand. SPECIFICATIONS: FREQUENCY RESPONSE—Practically flat 80-10,000 cps; ± 5 db 70-13,000 cps. OUTPUT—70 db below 1 volt/microbar at 1,000 cps. DUAL IMPEDANCE: Low (250 ohms), High (50,000 ohms) unbalanced. Size 9" high (with base), 2" diam. at head, tapering down to 3/4". Base diam. 4 3/4", 1 3/4" high. Shpg. wt., 6 lbs. AR-3 Dynamic microphone, complete with base, floor stand adapter, and 8' cable Imported..... Net 13.95

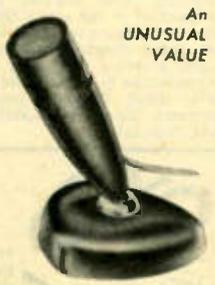
COMPLETE WITH BALL-JOINT DESK STAND

13.95

NEW DYNAMIC MICROPHONE WITH DESK STAND

9.75

- 40-13,000 CYCLES
- DUAL IMPEDANCE—250 & 50,000 OHMS
- EXTREMELY VERSATILE

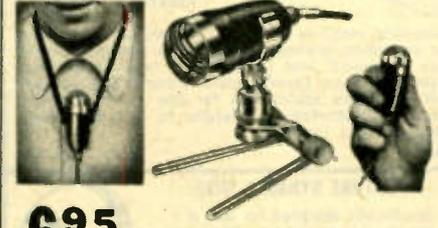


An UNUSUAL VALUE

A highly versatile dynamic microphone with smooth response from 40-13,000 cycles. Sturdy cast-metal tapering body; detachable triangular cast base has 360° ball-and-socket joint. Can be hand-held or used with desk or floor stand. Built-in external slide switch for high impedance (50,000 ohms) or low impedance (250 ohms). Output: —55 db ± 3 db @ 1000 cps. Aquamarine. Size: (without stand) 5" long, 1 1/4" diam. barrel; (stand) 3 3/4" max. diam. 3/4" high. Shpg. wt., 1 lb. Imported PA-104..... Net 9.75

NEW DYNAMIC MICROPHONE FOR DESK-TOP, HAND HELD, OR LAVALIER USE

6.95



Beautifully designed and attractively finished high impedance, light weight dynamic microphone with swivel mount that permits horizontal and vertical rotation for most convenient angle. Microphone quickly and easily released from felt-lined base clamp for holding in hand or for clamping to neck band for use as lavalier microphone. Baked enamel case with chrome finished base, grille and fittings. Ruggedly constructed to withstand plenty of handling. 3" long x 1 1/4" diam. housing with 5 ft. shielded cable. Imported PA-48 Shpg. wt., 2 lbs. Net 6.95

SLIM DYNAMIC MICROPHONE

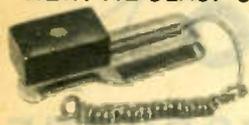
- DUAL IMPEDANCE 50,000 AND 250 OHMS
- HIGH OUTPUT
- 50-11,000 CYCLES
- USE ON STAND OR AS HAND MIKE

9.95

The latest design in slim type microphones. A high-output dynamic mike of exceptional quality. Has very smooth response from 50-11,000 cycles. Built-in external switch gives you choice of either high impedance (50,000 ohms) or low impedance (250 ohms). Omnidirectional tiltable head. Bracket has standard 5/8"-27-thread for use on stand. This bracket is instantly removable so mike can be hand held. Has cast case with satin-chrome finish and acoustically correct grille head. Ruggedly constructed. Size: 8" long, 1 1/4" diam. barrel. Shpg. wt., 2 lbs. Imported PA-29..... In lots of 3, Each 9.25 Single, Each 9.95

LAFAYETTE SPECIAL MICROPHONE VALUES

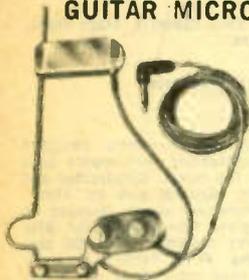
NEW! TIE CLASP SUBMINIATURE DYNAMIC MICROPHONE



3.95

This tiny dynamic microphone can easily be concealed in ordinary clothing—ideal for detection and investigation purposes. May be used with a pocket recorder or transmitter for a completely concealed system to record or relay conversations. Microphone is only 1x3/4x7/8", mounted on a 2 1/4" clasp. Frequency range, 200 to 5,000 cycles — more than adequate for perfect speech intelligibility. Impedance, 3000 ohms ± 25% at 1 Kc. PA-289 Imported Shpg. wt., 3 oz. Net 3.95

GUITAR MICROPHONE



MAGNETIC
TYPE
ALNICO
V MAGNET

6.95

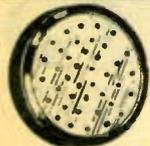
FOR GUITAR WITH F HOLES

Complete with individual Volume Controls

High impedance contact type microphone specially designed for use with guitar. Easily mounted under strings without special attachments. Separate variable tone and volume controls permit wide adjustment to suit personal requirements. While in mounted position, microphone unit can be raised or lowered easily on rod to create varying tonal effects. Supplied with 8 ft. cable and attached standard size phono plug for connection to amplifier. Shpg. wt., 2 1/2 lbs.

PA-38 Guitar Microphone

Net 6.95



CRYSTAL MICROPHONE CARTRIDGE

1.49

• Replacement for Astatic Shure, and Many Other Popular Microphones

A universal crystal microphone cartridge with heavy flexible rubber cushioned rim designed for speedy, economical repair. Fits tens of thousands of the most popular microphones such as the astatic JT30 etc. Overall diameter 2 1/8", depth 1/2". Output—52 db. Excellent frequency response. Shpg. wt., 8 oz. Imported

PA-27

Net 1.49



1.49

MINIATURE CRYSTAL MICROPHONE

Here's a typical Lafayette special for the experimenter, student or dealer. An extremely sensitive and small crystal microphone used in hearing aids and other small apparatus. Can be used as lapel mike—miniature transmitter mike—for concealed locations, etc. Its size and performance gives it joint versatility. Brand new. Size only Dia. 1 1/8" x 3/8" deep. Imported to save you money. Shpg. wt., 6 ozs. Imported

MS-108

Net 1.49

JUST OUT! MICROPHONE KIT

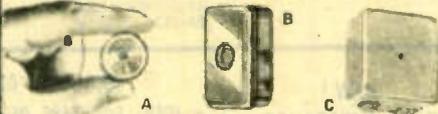
6.88

- Specially Designed Ceramic Element
- Frequency Response: 30-10,000 CPS
- Requires Only 15 Minutes Assembly Time



The Ideal Microphone for audio enthusiasts, amateurs, education and sound laboratories. Employs an attractive lightweight cast aluminum housing with a specially designed, rugged ceramic element which is unaffected by temperature and humidity. Frequency Response is 30-10,000 CPS. Sensitivity at 1000 CPS is — 52db. Assembles easily in only 15 minutes. Complete with 36" cable. Size: 1 3/8x4 1/2". M-70 Shpg. wt., 1 1/2 lbs. Net 6.88

SHURE MINIATURE MIKES



IDEAL FOR HIDDEN MIKES!

Controlled magnetic mikes for use in small vacuum tube or transistor devices. Shpg. wt., 3 oz.

Fig. A. Model MC-11J. Round type 1 1/4" diam. x 3/8" thick. Output—71 db, impedance 1000 ohms, 400-3000 cps, cad. plated brass case, eyelet solder terminals. M-125 Net 7.35

Fig. B. Model MC-20J. Rectangular 5/8x1 1/4x1/4". Output—75 db, Impedance 1100 ohms, 400-4500 cps. cad. plated brass case, flexible lead terminals. M-126 Net 8.23

Fig. C. Model MC-30J. Square 1/2x1/2x1/4". Output—76 db, impedance 1850 ohms, 400-3500 cps, cad. plated brass case, eyelet solder terminals. M-132 Net 11.76



SUBMINIATURE CRYSTAL MICROPHONE

Only 1 3/8x1 1/4" Deep!

Extremely sensitive and small rectangular microphone for concealed locations, hearing aids, and other miniature equipment. Also suitable as a lapel or miniature transmitter mike. Experimenters, students and hobbyists will find many applications for this useful, low cost item . . . imported by Lafayette to save you money. Shpg. wt., 4 oz. Imported

PA-40

Net 1.49

MINIATURE DYNAMIC MIKE

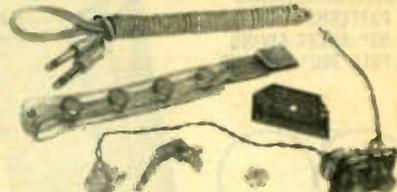
Specifically designed for use in miniaturized equipment. 600 ohm impedance matches most transistor circuitry calling for dynamic microphones. Rugged—metal encased—to resist mechanical shock and variations in heat and humidity. Measures only 1 1/8" dia. x 3/8" thick. High sensitivity in the voice range. Frequency response 300 to 5000 cps. Output—73 db. Includes 4" flexible lead terminals. Shpg. wt., 4 ozs. Imported

PA-74

Net 1.95



Lafayette ACCORDION MICROPHONE



- Supplied with Backstrap
- Easy-to-Install
- Tone and Volume Controls
- Ideal for Beginners and Professionals

5.95

Now accordion owners may enjoy all the advantages of electronic amplification previously limited to stringed instruments. The PA-101, coupled with an amplifier-speaker or P.A. system, provides flexibility impossible with an accordion alone. Alone, it provides a direct pickup for tape recording, eliminating the extraneous noise picked up by a conventional microphone. Included are a case-mounted control bracket containing the volume and tone controls, an output jack, a 10 foot connecting cable complete with phone plugs on both ends, and installation instructions. Shpg. wt., 2 lbs. Imported

PA-101

Net 5.95

LAPEL MICROPHONE



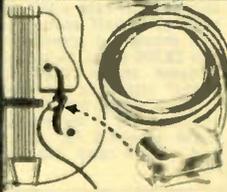
- Full—55 db. Output Level!
- Ideal General Purpose Mike

1.95

Ideal general purpose mike. Specially engineered crystal microphone. Attaches to lapel. Only 1 3/8" in diameter. Exceptional frequency response. Output level — 55 db. Chrome plated case and clip for attaching to lapel. Includes 5 ft. of shielded cable. Shpg. wt., 1 lb. PA-9 Imported

Net 1.95

NEW CONTACT MICROPHONE

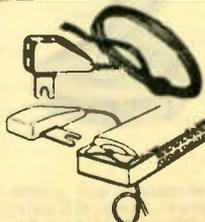


Easily Attaches to All String Instruments

This low priced, high quality contact microphone is ideal for amplification of single stringed instruments such as guitars, banjos, mandolins, cellos, ukeleles, etc. Provides rich, natural reproduction of the actual tone with sufficient amplification to be heard in a large hall. The clamp bar on the mike slides directly under the sounding board cutout to give a secure fit. Comes equipped with 8 ft. cable for connection to public address amplifiers, tape recorders or radios. Frequency response 40-9,000 cps. High impedance. Size: 1 1/2x1 1/4x1/4" D. Shpg. wt., 12 ozs. PA-41 Imported

Net 1.95

HARMONICA CONTACT MICROPHONE



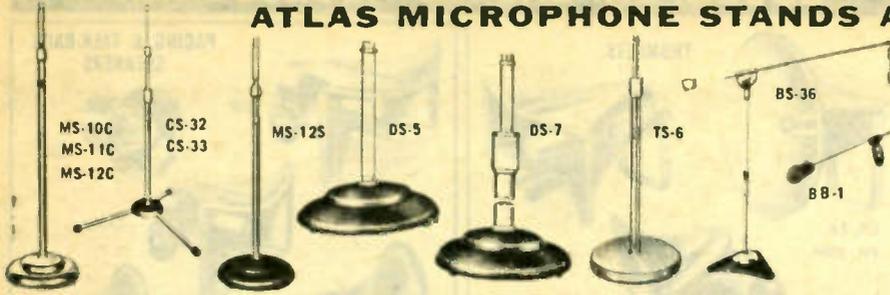
This is a fine quality, sensitive, crystal contact microphone with a high output that is especially designed to fit harmonicas. When the relatively weak sound of a harmonica is amplified, the results are astonishing. The microphone may be connected to any P.A. system, the audio section of a phonograph, or radio. Installation is simple. The microphone bracket slips under the screw on the bass end of the harmonica and the leads connect to the amplifier system. It is sturdily built and measures only 1 5/8x3/8x1/4" D. Complete with 7 ft. shielded cable. Shpg. wt., 12 ozs. Imported

PA-35

1.49

MICROPHONE STANDS—CONNECTORS—PA ACCESSORIES

ATLAS MICROPHONE STANDS AND BOOMS



Model MS-10C Full Grip Mike Stand. Economical mike stand featuring "Full-Grip" clutch mechanism for fast quiet adjustments without slipping and wear. Functionally designed base assures maximum stability and includes self-leveling, shock-absorbing pads plus 3 "anti-tip" points. Full chrome plated tube assembly. Terminates in a $\frac{3}{8}$ "-27 thread. Base dia. 10". Finished in gray shrivel. Height adj., 35 to 64". Shpg. wt., 9 lbs. **MA-35** Net 5.88

Model MS-12C. As above but with tube extension to 65". Shpg. wt., 12 lbs. **MA-27** Net 6.32

Model MS-11C. As above but with full chrome finished base. **MA-28** Net 8.09

Model MS-12S "Sleeve Action" Mike Stand. New mike stand featuring a fully automatic means of height adjustment. To lower the stand, just press on the "Sleeve Action" control. To raise the stand, any point on the tube can be grasped. Quiet and smooth action. Ht. 35 to 65". Base dia. 10". Standard thread. Shpg. wt., 12 lbs. **MA-29** Net 13.23

Model CS-32 Demountable Stand. Revolutionary in design, this mike stand is fully collapsible to fit in amplifier or speaker carrying case. No tools needed. Self-leveling legs are skid-proof. Features "Full-Grip" and "Velvet Action." Adjustable from 36 to 64 in. Fully chrome plated. $\frac{3}{8}$ "-27 thread. Shpg. wt., 5 lbs. **MA-21** Net 7.15

Model CS-33. As above but with ht. adj. of 26-64". Collapses to 22 $\frac{1}{2}$ ". **MA-22** Net 8.53

Model DS-5 "Velvet Action" Desk Stand. Same quality as floor models. Base dia. 6". Finished in gun metal shrivel. Fixed ht., 4". Shpg. wt., 2 lbs. **MA-23** Net 1.93

Model DS-7. As above but with ht. adj. 8 to 13". Shpg. wt., 3 lbs. **MA-24** Net 3.23

Model TS-6 Adjustable Stand. A decorative and fine appearing stand, suitable for use on a banquet table. Features quiet "Full Grip, Velvet Action" control. Adjustable from 14 $\frac{1}{2}$ " to 26". Base diameter 8". Fully chrome-finished base and tube assembly. Shpg. wt., 5 lbs. **MA-33** Net 5.72

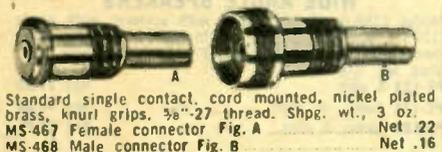
Model BS-36 Professional Boom Stand. Offers a removable 62" boom. "Safety Air-lock Cushion" eliminates slippage. The gromatic swivel joint at end of boom always keeps mike in proper position. Base is 17" in diam., with shock mounted pads. Vertical adj., 48 to 72". All tubes super-chromed plated. Finished with "Snap On" hangers for holding cable to boom. Shpg. wt., 33 lbs. Shipped express only. **MA-20 WX** Net 39.10

Model BB-1 "Baby Boom" Attachment. Use with any mike stand. 32" long. $\frac{3}{8}$ "-27 thread. Chrome plated. All swivel parts are precision die castings. Shpg. wt., 3 $\frac{1}{2}$ lbs. **MA-19** Net 4.71



Model 1 Versatile mike stand with an extremely flexible arm, providing wide range of adjustment. Swings out 36" in any direction. Ideal for use in radio broadcast or recording studios, offices, airport, switchboard, theatres, night clubs, schools, hotels. Handles any mike up to 4 lbs. in weight. Clamps or screws to any horizontal or angular surface up to 3" thick. Shpg. wt., 4 $\frac{1}{2}$ lbs. **M-141 Net 8.23**

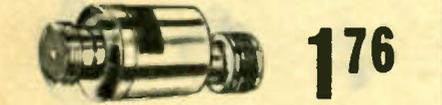
POPULAR MIKE CONNECTORS



Standard single contact, cord mounted, nickel plated brass, knurl grips. $\frac{3}{8}$ "-27 thread. Shpg. wt., 3 oz. **MS-467 Female connector Fig. A** Net .22

MS-468 Male connector Fig. B Net .16

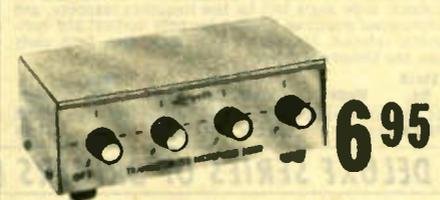
MICROPHONE VOLUME CONTROL



176

No more running to the P.A. amplifier to adjust volume. Now, control volume output right at the microphone. Attached between the microphone and the cable. Can be used at any desired distance. Fitted on one end with a female mike connector and male mike connector on the opposite end. Shpg. wt., 12 oz. **MS-755 Remote Volume Control** Net 1.76

TRANSISTORIZED MIKE MIXER



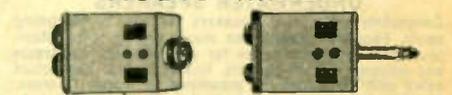
6.95

- Up to 4 Channels
- Matches Hi Impedance Microphones

A compact microphone mixer capable of providing professional results. Mixer controls from one to four signals from hi-impedance microphones, tuner, phonograph and/or recorder. Permits amplifying or fading of any channel while holding the volume of other channels. Inputs accept standard 2-circuit phone plugs—output jack accepts standard circuit phone plug. Requires single 9-volt battery (not supplied). Size 6Wx 2 $\frac{1}{4}$ Hx3 $\frac{1}{2}$ "D. Shpg. wt., 1 $\frac{1}{4}$ lbs. Imported **PA-292** Net 6.95

BA-2 Battery for above Net .26

SWITCHCRAFT "MINI-MIX" AUDIO MIXER



Miniature 2-input hi-impedance mike and phono mixers. Separate gain controls for mixing. Shielded housing. Ideal for use with tape recorders, musical instruments, phonographs, microphones. Size: 2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{8}$ ". Shpg. wt., 1 $\frac{1}{4}$ lbs.

320 — Microphone connector inputs and outputs. **MS-858** Net 4.67

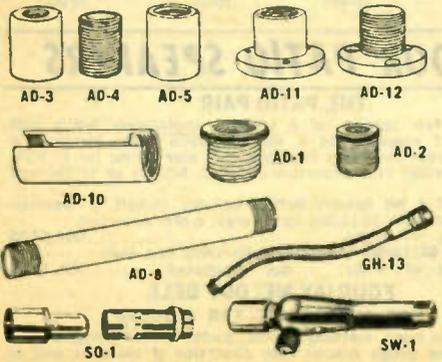
310 — Phone jack inputs and phone plug output. **MS-856** Net 4.67

311 — Same as above but with longer plug to fit recorders with recessed jacks. **MS-929** Net 5.26

315 — Phone jack inputs and microphone connector output. **MS-857** Net 4.67

316 — Phono jack inputs and phono plug output. **MS-930** Net 4.67

ATLAS MICROPHONE ACCESSORIES



Model GN-13 Goose Neck. 13" long for complete adjustment of mike $\frac{3}{8}$ "-27 thread. Chrome finish. Shpg. wt., 1 lb. **MA-25** Net 1.63

Mike Flanges And Extension Rods. For neat and permanent mounting. Fits $\frac{3}{8}$ "-27 mikes. Base dia., 1 $\frac{1}{4}$ " .3 mounting holes with $\frac{3}{8}$ " mounting centers. Extension rods, male on both ends. Av. shpg. wt., 6 oz.

MA-18 AD-12 Male Flange Net .44

MA-17 AD-11 Female Flange Net .44

MA-15 AD-8 6" Ext. Rod Net .47

Mike Adapters. For adapting special fittings. Wt., 2 oz.

MA-10 AD-1 $\frac{3}{8}$ "-27 female to $\frac{1}{2}$ " male thread (RCA) Net .53

MA-11 AD-2 $\frac{1}{4}$ " female pipe to $\frac{3}{8}$ "-27 male Net .38

MA-12 AD-3 $\frac{1}{4}$ " female pipe to $\frac{3}{8}$ "-27 female Net .38

MA-13 AD-4 $\frac{3}{4}$ " long $\frac{3}{8}$ "-27 male running thread Net .21

MA-14 AD-5 $\frac{3}{8}$ "-27 female to $\frac{3}{8}$ "-27 female coupling Net .38

MA-16 AD-10 $\frac{3}{8}$ "-24 female to $\frac{3}{8}$ "-27 female (W.E. Adapter) Net .77

Model SW-1 Gyromatic Swivel. Permits any mike to be locked at any angle. $\frac{3}{8}$ "-27 thread. 4 $\frac{1}{2}$ " long. **MA-31** Shpg. wt., 1 $\frac{1}{2}$ lbs. Net 2.80

Model SO-1 "Snap-On" Mike Attachment. Quick and safe. For all mikes and stands. Two "Snap-On" sections. **MA-30** Shpg. wt., 1 lb. Net 1.62

Model GN-19. As GN13 but 19" long. Shpg. wt., 1 $\frac{1}{2}$ lbs. **MA-26** Net 2.35

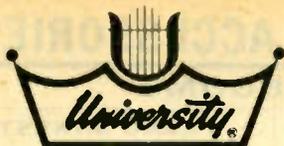
MIKE ACCESSORIES



329 Switchcraft Microphone Volume Control Adapter. Designed to reduce or increase relative volume at the microphone to workable level. For high impedance circuits using shielded single conductor cable only. Employs standard microphone connectors. Shpg. wt., 8 oz. **MS-860** Net 4.09

Amphenol 75-MC1S Net 1.89

MS-84 Net .85



NEW "UNILINE" COLUMN SPEAKERS

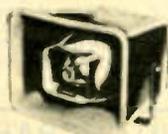
In-line radiators spreading uniformly loud sound over large audiences. Multiple speaker units arranged vertically, one above the other in "Uniline Column Speakers" provide wide horizontal coverage with narrow vertical distribution. This beaming effect avoids ceiling and floor reflection. Model UCS-6 uses 6-8" speakers. Response 35-17Kc. Capacity 150 watts. Vert. 16°, horiz. 120° coverage. Size: 58 1/2 x 10 x 7". 16 ohms. Shpg. wt., 55 lbs.

PE-180WX UCS-6 Net 176.40

Model CS-4 Similar to above. 80 watts; 8 ohms
PE-181WX Shpg. wt., 39 lbs. Net 127.35
Model CS-3 Similar to CS-4. 40 watts; 8 ohms.
PE-182WX Shpg. wt., 33 lbs. Net 73.50



MM-2FUW



MLC

UNDERWATER SPEAKERS

Completely waterproof speakers for use in swimming pools. Excellent speech and music reproduction. Stainless steel protective cover for special nylon diaphragm and silicone treated gaskets. Heavy 18 foot connection cable with third wire for grounding, 25 watts. 16 ohms. MM-2UW—For bracket mtg. 6" O.D. 5" deep. Shpg. wt., 5 1/2 lbs. Net 43.66
PE-119 Net 43.66
MM-2FUW—For flush mtg. 6 3/4" dia. circle 7 1/4" O.D. 3 3/4" deep. Shpg. wt., 6 lbs. Net 43.66
PE-120 Net 43.66

HI-FI WEATHERPROOF COAXIALS

MODEL MLC COAXIAL SPEAKER SYSTEM — For music and paging. Exceptionally natural sound. 15 watts; 150-15,000 cps; 120° dispersion; 8 ohms; 12 3/4 x 9 1/4 x 1 1/2" D. Shpg. wt., 10 lbs. Net 33.81
PE-116 Net 33.81

UNIVERSITY ACCESSORIES

MODEL 5433 LINE MATCHING TRANSFORMER — 30 watt. Primary 45/165/200/250/500/1000/2000 ohms; secondary 4, 8 and 16 ohms; 70 volt line taps 30/25/20/10/5/2.5 watts. 1 3/4 x 2 1/4 x 1 1/4". 2 3/4" centers. Fits into CTR housing. Shpg. wt., 1 lb. Not illustrated. Net 4.53
PE-108 Net 4.53
MODEL 5434 LINE MATCHING TRANSFORMER — 15-watt. Primary 45/325/500/1000/2000/4000/8000 ohms; secondary 4/8/16 ohms; power taps with 70 volt line 15/10/5/2.5/1.25/.65 watts. 1 3/4 x 1 1/4 x 1 1/4". 2" centers. Fits CTR and PB-1 housings. Shpg. wt., 3/4 lb. Not illustrated. Net 3.88
PE-109 Net 3.88

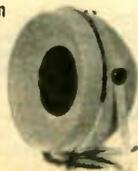


"BARD" OUTDOOR HI-FI SPEAKER

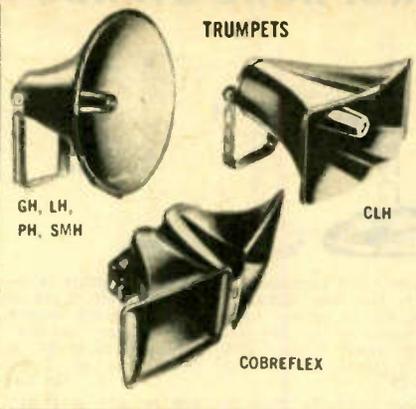
• For Patio, Pool, Garden

Capable of producing high quality distortion-free sound. Rigid hemispherical steel enclosure enhances the response of the enclosed Bozak B-800 speaker unit with its fully waterproof cone. Size 18" diam. x 21" H x 12" D. Phone jack input (plug supplied). Impedance 8 ohms. 40 watts max. Range 80-15,000 cps. with carrying handle, adjustable trunnion, base.

PE-175WX Shpg. wt., 28 lbs. Net 79.50



COMMERCIAL AND INDUSTRIAL LOUDSPEAKERS AND ACCESSORIES



TRUMPETS

GH, LH,
PH, SMH

CLH

COBREFLEX

DIRECTIONAL REFLEX TRUMPETS

High efficiency directional projector horns made of heavy gauge spun aluminum. Weather proof; gray finish. With universal "U" type mounting bracket, less driver unit.

Type GH: 85 cps cut off for music. Types LH and PH: 120 and 150 cps cut off for general use. Type SMH: 200 cps cut off for voice only.

| Stock No. | Model | Diam. | Lng. | Air Col. | Shpg. Wt. | Net |
|-----------|-------|---------|---------|----------|-------------|-------|
| PE-75WX | GH | 30 7/8" | 27 7/8" | 6 1/2" | 22 lbs. | 44.46 |
| PE-76 | LH | 25 5/8" | 19" | 4 1/2" | 16 1/2 lbs. | 27.78 |
| PE-77 | PH | 20 1/4" | 15 3/4" | 3 1/2" | 11 3/4 lbs. | 20.07 |
| PE-78 | SMH | 16 1/4" | 12" | 2 1/2" | 8 lbs. | 16.97 |

WIDE-ANGLE TRUMPETS

Reflex type with long air column—good speech articulation. Cobreflex has dual exponential flare design with 2 identical 1 piece aluminum castings. CLH has long air column, wide angle bell for low frequency response, and omnidirectional mounting bracket for both vertical and horizontal rotation. Affording a 120° dispersion. Both units use any University driver.

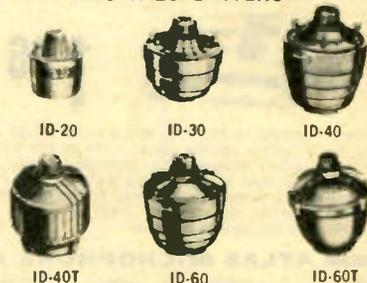
| Stock No. | Model | LO Cutoff | Air Col. Depth | Shpg. Wt. | Net |
|-----------|-----------|-----------|----------------|-------------|-------|
| GS-123 | COBREFLEX | 200 cps | 2 1/2" 10 1/4" | 10 1/4 lbs. | 23.67 |
| PE-80 | CLH | 120 cps | 4 1/2" 20" | 15 lbs. | 27.34 |

DELUXE SERIES OF DRIVERS FOR UNIVERSITY TRUMPETS

NEW outstanding drivers for all University trumpets. ID-20 is ideal for low-cost general PA work; ID-30 is recommended for maximum speech intelligibility. ID-40 is recommended for critical P.A. and industrial requirements. ID-40T is the same as the ID-40 with a built-in transformer; ID-60 is a superb new driver with extra power handling capacity combined with maximum sensitivity; ID-60T same as ID-60 with matching transformer. The new deluxe line is available in a striking new, exclusive acrylic paint finish.

| Stock No. | Model | Response (CPS) | Watts | Shpg. Wt. Lbs. | Net |
|-----------|--------|----------------|-------|----------------|-------|
| PE-69 | ID-20 | 120-6500 | 20 | 3 | 14.70 |
| PE-70 | ID-30 | 100-7500 | 30 | 3 3/4 | 18.50 |
| PE-71 | ID-40 | 80-12,000 | 40 | 4 1/2 | 23.23 |
| PE-72 | ID-40T | 80-12,000 | 40 | 5 1/4 | 31.02 |
| PE-73 | ID-60 | 70-12,000 | 60 | 5 3/4 | 31.02 |
| PE-74 | ID-60T | 70-12,000 | 60 | 6 3/4 | 37.19 |

1D SERIES DRIVERS



ID-20

ID-30

ID-40

ID-40T

ID-60

ID-60T

FOURJAY-OUTDOOR PATIO SPEAKERS



S-DF1 8 WG



THE PATIO PAIR

The Patio Pair consists of a separate loudspeaker baffle with weatherproof speaker, and a separate patio lamp. Identical in styling in green and white fiberglass with pipe fitting for 1" pipe. Speaker provides even dispersion of sound. Accepts up to 100-watt bulb.

Model S-DF1 8 WG Speaker Baffle. Includes 10-watt, 8" weatherproof speaker with 40-11,000 cycle range, 8-ohm voice coil. PE-160 Shpg. wt., 6 lbs. Net 107.05
Model LMP 60/100WG attractive Patio Lamp less bulb. PE-161 Shpg. wt., 4 lbs. Not illustrated Net 101.05

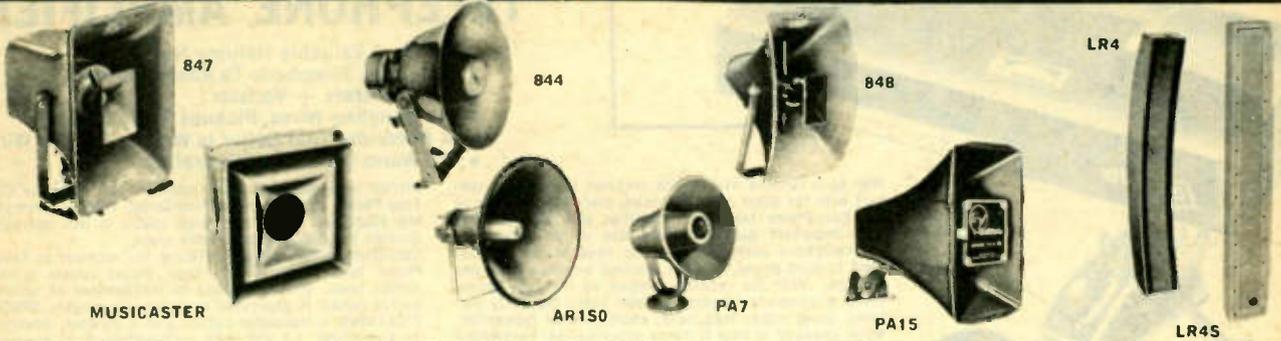
FOURJAY MELODY BELL FOR OUTDOORS — FOR INDOORS

Hang it from trees, overhangs, wires, posts, etc. All fiberglass construction and design assures even dispersion of sound as well as fine tonal quality. Includes efficient 10 watt 8" weatherproof speaker with 40-11,000 cycle range, 8-ohm voice coil. PE-162 White and green finish—Shpg. wt. 5 lbs. Net 14.26



MELODY BELL

Electro-Voice COMMERCIAL P. A. SPEAKERS



MUSICASTER

AR150

PA7

PA15

LR4S

PAGING SPEAKERS

Model 844—Compact, general purpose paging projector speaker system featuring natural voice reproduction and high intelligibility. Rugged diecast horn. Freq. response 250 to 13,000 cps, EIA pressure rating: 56 db. Power handling capacity — 30 watts. Impedance 8 ohms; dispersion: 90°; for mounting: universal "U" bracket. Dimensions: 9 7/8" x 8 3/8" deep. Shpg. wt., 8 1/2 lbs.

PE-10 Net 21.46

Model 844-45—Same as 844, but with 45 ohm voice coil. Shpg. wt., 8 1/2 lbs. Net 22.34

Model 847—Utilizes famous CDP Principle. Frequency 250-10,000 cps. Uniform Dispersion 120°x90° area. Has two Fibreglass molded horns—each covering only half the voice range. Rated 25 watts; 16 ohms. Size 1 1/4"x7 3/4"x10 1/2". Shpg. wt., 10 lbs.

PE-12 Net 29.99

Model 847-45—Same as 847, but with 45 ohm voice coil. Shpg. wt., 10 lbs. Net 30.77

PE-13 Net 30.77

PAGING PROJECTORS

Model PA-15— Compact weatherproof paging projector in rugged diecast housing. Features 15-watt power handling capacity and wide angle coverage, with unique swivel mount for easy installation almost anywhere. Impedance, 8 ohms; frequency response, 350-13,000 cycles; dispersion, 120°. Colored in mesa tan, 9x6x9 1/2"D.

PE-49 Shpg. wt., 6 lbs. Net 17.64

Model PA-15-45—Same as above, except with 45 ohm voice coil. Net 18.13

PE-50 Net 18.13

Model PA-15T—Same as PA-15, but includes high quality transformer for matching the driver to 70.7 volt line. Includes 1 1/2, 2 1/2, 5, 10 and 15-watt taps. Net 21.17

PE-51 Net 21.17

Model PA-7 Attractively styled horn is constructed completely of Cyclocac® virtually indestructible. None-resonant horn won't dent, finish cannot wear off. Ruggedness assures greatest dependability. E-V exclusive ring diaphragm eliminates loading problems. Handles a full 7 1/2 watts over a range of 40 to 13,000 cps. Wide 120° dispersion angle provides excellent coverage. 8 ohms. With mounting bracket for mobile applications. Size: 6 3/4" diameter by 6" deep.

PE-53 Shpg. wt., 3 1/4 lbs. Net 15.88

Model AR150 Reentrant Horn. Round, aluminum concentrating horn for maximum penetration at lowest cost. New exponential design achieves extremely wide range with remarkably natural voice and music quality. Rubber-edge damping ring eliminates resonances. Accepts any standard driver. Specifications: low frequency horn cut-off 150 cps; taper, 150 cps; air column length 41"; sound distribution 85°; diameter 12"; depth (less driver) 17". Shpg. wt., 8 lbs. Net 19.99

PE-39WX Net 19.99

NEW COLUMN SPEAKER SYSTEMS

Model LR4 Curved Line Radiator—Employs 12 precision 4" speakers in a curved array that provides 160° horizontal dispersion (with radiator upright), while practically eliminating output directly above or below the speaker. Ideal for churches, auditoriums, railroad terminals—with low frequency response tailored to reduce resonance effects. Frequency response, 200-10,000 cps; power handling capacity, 25 watts program, 50 watts peak. EIA pressure rating, 49 db. Imoedance, 8 ohms. In a heavy-duty wooden enclosure, finished in neutral mesa tan. Includes universal mounting bracket. Dimensions: 49 H x 7 W x 13" D. Net 67.62

Model LR4S Straight Line Radiator—Utilizes twelve 4" speakers. Features 160° horizontal dispersion with only 30° vertical dispersion, to keep sound off floor and ceiling indoors, and keep sound confined to audience outdoors. Filter acoustically shortens length of radiator with increasing frequency to maintain uniform pattern. Flat frequency response from 100 to 10,000 cps. Completely weather-proof. In a 52" x 7 1/2" x 4 3/4" tan metal cabinet. Impedance, 8 ohms. With mounting kit. Net 73.50

PE-48WX Shpg. wt., 16 lbs. Net 73.50

PROJECTOR HORNS

Model 848 Compound Diffraction Projector—a wide range horn and driver system using Electro-Voice DC30A single driver unit plus high and low frequency horns coupled to both sides of diaphragm. Delivers wide angle sound with extremely low distortion. Outer horn is fabricated of fiberglass & polyester resin for strength and resistance to corrosion. Rating: 52 db. Power capacity 30 watts program. Response 150-10,000 cps. Impedance 16 ohms, low freq. horn taper 100 cps. Dispersion 120°. Universal U Mounting bracket. Dimensions: 10 1/2"x20 1/2"x20". Net 48.51

PE-33WX Shpg. wt., 17 lbs. Net 48.51

Model 848-45—Same as 848, but with 45 ohm voice coil. Net 49.41

PE-34WX Net 49.41

HI-FI OUTDOOR WEATHERPROOF SPEAKERS

MUSICASTER—Designed for superior voice and music reproduction. Provides unusual bass response and balanced highs in a compact diecast aluminum enclosure. Rugged 8" Radax speaker, weather-proof cone. Ideal for schools, clubs, churches, and general auditorium use. Freq. response 60-13,000 cps. EIA rating 48 db. Power handling capacity 30 watts, impedance 8 ohms. Dispersion: 120°. Dimensions: 21 1/2" x 21 1/2" x 8 1/2". Universal "U" mounting bracket. Shpg. wt., 34 lbs. Net 52.92

PE-14WX Net 52.92

MUSICASTER II—Same as above, except wider coverage up to 18,000 cps. Has built in Range Extender with crossover. Shpg. wt., 36 lbs. Net 73.49

PE-15WX Net 73.49

Model MB-1 Bracket to mount Musicaster flat against wall. Shpg. wt., 1 lb. Net 2.65

PE-16 Net 2.65

LOWELL CEILING AND WALL BAFFLES

NEW FLUSH-MOUNTING PLASTIC SPEAKER BAFFLES

Decorative high impact Styrene plastic baffles. White finish. Lightweight and durable — will not fade, chip or mar — Model ADS80-P has full 360° dispersion. Self-tapping speaker mounting screws supplied. Cannot be seen from front of baffle.

| Stk. No. | Type | Description | Wt. | Net |
|----------|--------|-----------------------------------|-------|------|
| PE-152 | ADS80P | For 8" ceiling Spkr 10x10" | 8 oz. | 2.70 |
| PE-153 | CR80-P | For 8" ceiling/wall Spkr 10x10" | 8 oz. | 2.50 |
| PE-148 | L35-P | For 3 1/2" intercom Spkr 4 1/2x7" | 3 oz. | .93 |

Enclosures For Plastic Speaker Baffles. Metal Enclosures Having Acoustic Treated Interior, Easy To Install.

| Stk. No. | Type | For | Oim. | Wt. | Net |
|----------|-------|-------------|----------------------|--------|------|
| PE-149 | P875X | ADS80, CR80 | 8 3/4"x8 3/4"x3 3/8" | 3 lbs. | 4.70 |
| PE-150 | P22X | L35P | 6 1/4"x4x2" | 1 lb. | 1.31 |

FLAT PANEL BAFFLE

Type M8 — Designed to match and replace standard 12"x12"x1/2" acoustic tile blocks. Permits a completely hidden speaker system — for 8" speakers — speaker mounting hardware is furnished — Baffle is zinc chromate undercoated and finished in flat white lacquer 12x12x1/2". Not illustrated. Net 3.11

PE-133 Shpg. wt., 1 1/2 lbs. Net 3.11

SURFACE MOUNTING BAFFLES

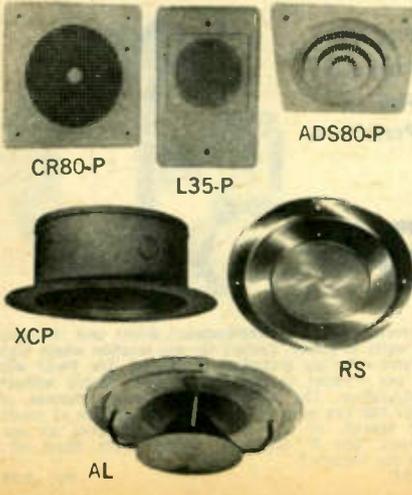
RS and AL Wall and Ceiling Baffles — Aluminum baffles with 1/2" mtg. flange finished in satin for installations in offices, restaurants, etc. RS types for recessed wall mtg., AL for recessed ceiling mtg. Require flush-mounting baffle enclosures, Type CP & XCP.

| Stk. No. | Type | Description | Lbs. | Net |
|----------|--------|-----------------------------|-------|------|
| PE-130 | RS-6A | For 6" spkr 10 3/4"x7 1/2" | 1 | 2.25 |
| PE-131 | RS-8A | For 8" spkr 12 3/4"x10 1/2" | 1 | 2.50 |
| PE-151 | RS-8A | Same as PE-131, wh. enam. | 1 | 2.50 |
| PE-132 | RS-12A | For 12" spkr 16 1/2"x12" | 1 3/4 | 3.40 |
| PE-134 | AL6A | For 6" spkr 10 1/2" Dia. | 1 1/2 | 3.35 |
| PE-135 | AL8A | For 8" spkr 12 3/4" Dia. | 1 3/4 | 5.45 |
| PE-136 | AL12A | For 12" spkr 16 3/4" Dia. | 3 1/2 | 6.90 |

FLUSH-MOUNTING BAFFLE ENCLOSURES

CP & XPS Series — Designed for mounting AL and RS baffles. CP for new constructions, XCP for existing ones. All have steel can, plastic ring and sufficient speaker back pressure. Shpg. wt., CP6 and XCP6, 3 1/2 lbs. each; CP8 and XCP8, 4 1/4 lbs. each; CP1012 and XCP1012; 7 1/2 lbs. each.

| Stk. | Mfr. No. | Type | For | I.D. | O.O. | Depth | Net |
|--------|----------|--------------|---------|---------|--------|-------|-----|
| PE-140 | CP6 | AL6A, RS6A | 7" | 11 1/4" | 4" | 3.28 | |
| PE-141 | CP8 | AL8A, RS8A | 8 1/2" | 13" | 4 1/2" | 4.05 | |
| PE-142 | CP1012 | AL12A, RS12A | 12 1/2" | 17 1/8" | 7" | 5.54 | |
| PE-143 | XCP6 | AL6A, RS6A | — | 7" | 4" | 3.33 | |
| PE-144 | XCP8 | AL8A, RS8A | — | 8" | 4 1/4" | 3.62 | |
| PE-145 | XCP1012 | AL12A, RS12A | — | 12 1/2" | 7" | 4.89 | |



CR80-P

L35-P

ADS80-P

XCP

RS

AL



1750

with Batteries

Why keep running over to the receiver to maintain contact with the other party? Instead, place the receiver on the Easy-Phone telephone amplifier and then proceed with important business while still within earshot of the telephone party. There is no need to use up one hand to hold phone, or grab receiver between neck and shoulder. With the receiver cradled on the Easy-Phone, there is complete freedom to take notes the party dictates, using either long hand, short hand or typewriter. When engaged in long distance conversation, Easy-Phone will clearly amplify the communication so relatives or business associates can hear every word as it is said. On occasion the search for some pertinent article of information prevents "holding on to the wire". Easy-Phone permits the information to be sought while keeping an ear "on the wire".

Easy-Phone can be kept at office or at home — ready at all times for instant action. A four transistor, battery powered amplifier and inductive pickup, compactly in-

EASY-PHONE TELEPHONE AMPLIFIER

- Lends A Valuable Helping Hand
- Amplifies Telephone To Room Volume
- 4 Transistors + Varistor
- No Dangling Wires, Pickups To Connect
- A Reminder That Caller is Waiting On The Wire
- No Warm-Up, Instant Operation

stalled in a most attractive plastic case, compose the Easy-Phone. Completely self-contained with no protruding plugs and twisted hook-up cords, it will not disarrange the orderliness of work space.

Operation is this simple: Placing the receiver on Easy-Phone turns amplifier on, then adjust volume to the proper level. Volume control is independent of on/off switch (which is depressed by receiver's weight). SPECIFICATIONS: 4 transistor circuit with 1 varistor; powered by 4 pen-light, 1.5 volt cells, self-contained; 3" dynamic speaker, out of view under amplifier; battery life 6 months with moderate usage. Weight 25 ozs. Heavy black bakelite case measures: 8 1/4 L x 3 1/4 W x 2 1/4 H. Easy-Phone rests on two sturdy chrome plated runners. With miniature plug and jack for recorder input. Shpg. wt., 3 lbs. F-759 With Batteries Imported Net 17.50

EXTRA BATTERIES FOR ABOVE

BA-155 Penlite cell Net .095

TEN WATT TRANSISTORIZED SHOULDER MEGAPHONE

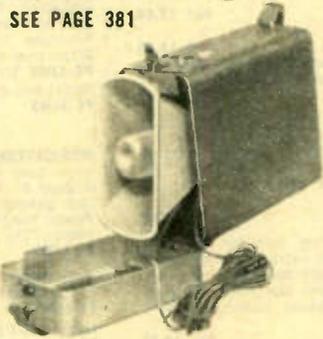
- One Self-Contained Unit • Light Weight—7 lbs. With Battery
- Can Be Shoulder Held • 10 Watt Transistor Amplifier
- Unlimited Applications: Community Events, Auctions, Construction Operations, Emergency Work
- Uses 6 "D" Flashlight Cells

This powerful sound broadcaster is completely self-contained in one compact, light-weight unit. It has the portability and flexibility needed for all field operations. Power amplifier, battery, and speaker are housed in an attractive carrying case which can be supported from the shoulder while operation is controlled with one hand. Hand-held microphone is a high gain crystal type with detachable spiral cord. Transistorized amplifier employs a trouble free printed circuit with push-pull output stage. The reflex horn speaker can be taken out of carrying case. Comes with 15 ft. attached cable. Jack for external speaker use. Convenient operation is provided with controls within easy reach of each other on top of case. Features 3 inputs—2 high impedance for dynamic or crystal microphones and 1 low impedance for radio or tape recorder use. Mixing circuit permits all three inputs to be used simultaneously. Amplifier is powered by 6 inexpensive "D" type flashlight cells or from external 9 or 12 volt battery. Comes complete with leather covered carrying case, microphone, leather carrying strap, microphone case, 2 input plugs and battery. Specifications: Output—10 watts max; Battery current drain—1.6 amp. at max. power output, 0.16 amp at 0 power output. Output impedance 8 ohms, aux. speaker output impedance—8 ohms. Input impedance—(mic 1) 50 K ohms (mic 2) 150 K ohms, (radio) 4 ohms; Power source—6 "D" cells, 9v. or 12v. batteries. Speaker size—7 1/2 x 4" mouth, 7 3/4" long. Carrying Case Size—11 1/2 L x 4 1/2 W x 8 1/4 H. Shpg. wt., 11 1/2 lbs. Imported

PA-102 Net 59.95

59⁹⁵

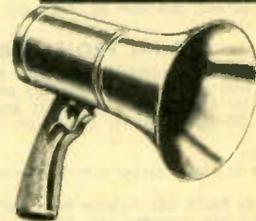
NO MONEY DOWN
FOR BUDGET TERMS
SEE PAGE 381



BRAND NEW! TRANSISTORIZED

"BULL HORN"

HUNTERS
CAMPER'S
BOATING
SPORTS



9⁹⁵

- Weighs only 2 1/2 lbs. • Range up to 2,000 ft. • Completely Transistorized
- Can be Used as Long-Range Listening Device

Considered the most modern development in bull horns because it is completely transistorized—instantly operates on 6 standard 1 1/2 V. "C" flashlight batteries (not incl.). With its range up to 2,000 ft., it is ideal for all outdoorsmen, for work or sports. Trigger switch is simple to operate—just press to talk. May be used as a sound detector and amplifier as well as a voice amplifier. Shpg. wt., 3 lbs.

PA-271 Net 9.95
BA-274 1.5 Volt Batteries (6 req.) Net ea., .16

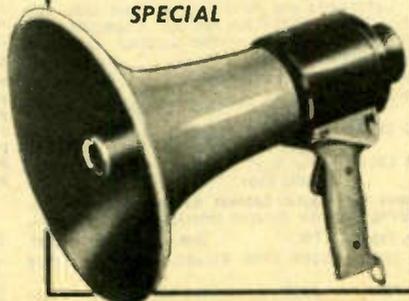
PISTOL GRIP POWER MEGAPHONE

- WEIGHS ONLY 4 1/4 LBS. COMPLETE WITH BATTERIES • COMPACT ALUMINUM REFLEX HORN PROJECTS SOUND A CONSIDERABLE DISTANCE
- IDEAL FOR LIFEGUARDS, COACHES, CONSTRUCTION GANGS, SPORTING EVENTS — PLUS HUNDREDS OF OTHER APPLICATIONS!

A lightweight new megaphone notable for its extreme economy in battery power despite its high sound volume output. Uses 4 large size D flashlight batteries (not tiny "penlight" cells as found in similar units) and has a patented non-linear current-limiting device to give maximum possible battery life. Weighs only 4 1/4 lbs.—just pick it up, aim, press the pistol-grip switch, and talk! The reflexed air column in the horn plus its special shape serve to concentrate and direct the amplified sound and throw it for a considerable distance! The rubber-himmed horn is of lightweight spun aluminum and construction is extremely sturdy throughout. Microphone is built into the base of the horn. Batteries are simply replaced by loosening a single screw—done easily with a coin. Unit measures 12 1/2" long; mouth diameter is 8 1/4". Shpg. wt., 6 lbs. Imported. PA-182 Power Megaphone Net 29.50

BATTERIES FOR ABOVE—Burg. No. 2 or equiv. (4 required.) Shpg. wt., 1 oz. ea. Net ea. .13

A LAFAYETTE SPECIAL

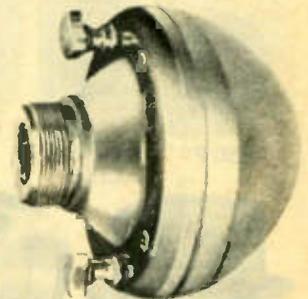


29⁵⁰ NO MONEY DOWN

EASY BUDGET PLAN SEE PAGE 381

LAFAYETTE 25-WATT DRIVER UNIT

Fits All
Trumpets
And
Projectors



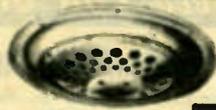
9⁸⁵

Hermetically sealed weatherproof driver unit. Delivers 25 watts of power. Perfect for any location where high volume with low distortion is desired. The PA-57 will fit any trumpet or projector of your choice without modification. The wide-range frequency response of 120-7,100 cps assures excellent reproduction of music and speech. 16 Ohm impedance matches all amplifiers. Size 4" Diameter, 3-5/8" depth. Shpg. wt., 3 3/4 lbs. Imported

PA-57 Net 9.85

PUBLIC ADDRESS - CLOSED CIRCUIT TELEVISION

NEW! LAFAYETTE HI-FI "THIN LINE" CEILING & WALL BAFFLE SPEAKER



Absolutely Incredible Sound Quality! **595**

- Measures Only 2 1/4" Deep • Employs New Inverted Magnet
- Perfect for Hi-Fi Extension Speaker or P.A. Use
- Only 2 1/4" Deep • New Inverted Magnet

Frankly we were amazed at the phenomenal musical quality of this speaker. Never before have we heard a speaker of this size reproduce the true sounds of loud orchestral passages, drums, etc. with such definition and clarity. The perfect speaker to furnish music or paging throughout your home, office or factory. Advanced design employs an inverted magnet, placing the 12 oz. magnetic structure in front of the speaker rather than behind as in conventional speakers. Only 2 1/4" deep with its own metal baffle plate, the SK-175 easily mounts in any wall, ceiling, closet or ordinary wood enclosure. Two are perfect for stereo. Voice coil is 1" Diam. Frequency Response: 90-9,000 cps. Impedance: 8 ohms. Overall Dimensions including metal baffle is 9 1/2". Requires 6 5/8" wall cutout. Shpg. wt., 3 lbs. Imported

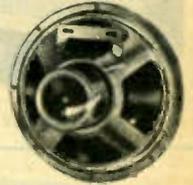
SK-175 Net 5.95

LAFAYETTE PA VALUES SPECIAL 12" & 8" P. A. SPEAKERS

- 12" FULL 15 WATTS OF POWER • 8" FULL 10 WATTS OF POWER • HEAVY ALNICO 5 MAGNETS

TWELVE-INCH MODEL

12" MODEL — Fine quality throughout, these speakers were designed especially for public address work. Will handle 15 watts of power—making them ideal for use singly for medium power systems or in multiples for higher power. Rugged mechanical construction, dust-proofed and rust-resistant. Have 6.8 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 5 lbs. SK-118 Net 5.25



EIGHT-INCH MODEL

8" MODEL — Ideal for larger scale, lower power paging systems. Same quality as 12" speaker above, but 8" diameter, rated at 10 watts, with 3.16 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 3 lbs. SK-119 Net 3.95

LAFAYETTE AUXILIARY PA SPEAKER **895**



- Ideal for Outdoor Use
- Excellent as a Paging Speaker

Specially designed speaker and housing for superior voice reproduction. Versatile mounting base, easily installs on any flat surface. Excellent as a paging speaker or extension speaker. Gray and finished chrome color combination matches most modern equipment. Frequency response 150 to 10,000 cps. Rapid drop beyond cut-off point. Perfect for mobile installations. Input impedance 4 ohms. Measures 5 1/4 dia. x 5 deep x 7" high including base. Shpg. wt., 4 1/2 lbs. Imported. HE-13 Net 8.95

NEW! LAFAYETTE MINIATURE HORN PAGING SPEAKER **795**

- Mounts Easily
- 90° Dispersion
- Weatherproof



An excellent general purpose paging speaker of amazingly compact size. Ideal for portable PA systems, patios etc. Long throw projection of 90° dispersion offers maximum speech intelligibility in high noise areas. Compact size enables it to be mounted anywhere in almost any position. Frequency response 400-12,000 CPS. Impedance 8 ohms. Power handling capacity 5 watts, 8 watts maximum. Complete with mounting bracket, 2-conductor cable. Horn diameter 5 1/8", Depth 4 3/4" Imported. PA-295 Shpg. wt., 1.4 lbs. Net 7.95

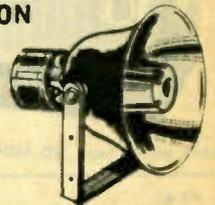
Lafayette *PORTABLE PA CASE



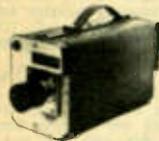
A sturdily constructed case for amplifier and two 12" speakers. Made of heavy plywood with reinforced metal corners. Case splits into 2 baffles, each with leather carrying handle. Strong wire mesh grilles covered with attractive cloth. Has 2 hooks in each half for carrying speaker cables and provision for mike and mike base. 4 snap locks. Inside dimensions 20 1/2 Hx 15 1/4 Wx 14 3/4 D. Covered in dark blue washable leatherette. Shpg. wt., 20 lbs. PA-51WX CASE Net 14.25

PAGING SPEAKER 90° DISPERSION

The high power handling capacity combined with maximum intelligibility make this a superior unit for paging and talk-back applications. Frequency Response 250-15,000 cps. Power capacity 30 watts. Impedance 8-ohms. 90° Dispersion. Equipped with a universal mounting bracket, weather proofed, tropicalized with hermetically sealed driver unit. 9 7/8" diam. x 8 1/4" deep the speaker lends itself to use in any P.A. situation. Shpg. wt., 8 1/2 lbs. PA-55 90° DISPERSION PAGING SPEAKER Net 16.50



CLOSED CIRCUIT TV SYSTEM



- Low cost TV system now available to retail stores, banks, hotels, schools, churches, hospitals, factories, warehouses, garages and many other types of establishments
- Transmits picture to any TV set, monitor or master TV cable system
- Produces crisp, clear images of any object or scene as seen on a standard TV broadcast channel

MODEL TC-2 TV CAMERA. Provides a high-quality picture with 400 line resolution. SPECIFICATIONS: Automatic light level compensation circuit; 6 tube hand wired chassis; f 1.9 48mm coated lens; RF output 0.1 volt (channels 2-6); Video output 1.5 volts P.P.; Random Interlace sync; Resolution 400 lines video, 300 lines RF. Size: 4 1/2 x 6 1/2 x 10". For 117 Volts, 60 cycles AC. Shpg. wt., 14 lbs. PA-365WX No Money Down Net 449.50

MODEL P-1 TRIPOD for TC-2 camera. 3 sectional—opens to 70"; closed 27". Shpg. wt., 5 lbs. PA-367 Net 17.95

MODEL W-1 WALL MOUNT for TC-2 camera. Ideal for mounting camera. Exceptional versatility and strength. Measures only 15". Shpg. wt., 3 lbs. PA-368 Net 14.95

MT-1 MATCHING TRANSFORMER, 72-300 ohms. Attaches to the antenna leads on your TV receiver permitting you to use your TV set with the TC-2 camera. (Not illus.) PA-369 Net 4.76

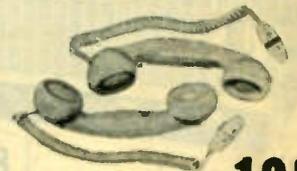


MODEL TM-2 8" MONITOR. Uses 8" Rectangular 90° Aluminized Picture Tube. Front panel controls: brightness and on-off; contrast; horizontal hold; vertical hold; screwdriver adjustments for vertical height and vertical linearity. Rear controls: horizontal drive; horizontal stability; yoke centering. Video response 600 lines (BMC ± 1 db). Picture tube high-voltage 14,000. For 117 volts, 60 cycles AC. Size: 10 1/4 Wx 8 1/2 Hx 10 1/2 D (over knobs). Shpg. wt., 20 lbs. PA-366WX No Money Down Net 189.90

TRANSISTOR POWER 'PHONE

2-STATION TELEPHONE SYSTEM

- 125 MILE RANGE ON A SINGLE PAIR OF WIRES!
- EACH HANDSET HAS A COMPLETELY SELF-CONTAINED TRANSISTOR AMPLIFIER & BATTERY!
- WORKS WITH STANDARD "PEN-LIGHT" CELLS
- ANY NUMBER OF HANDSETS MAY BE USED IN A COMMON TALKING SYSTEM!



1995

Lafayette brings you these unique transistorized telephone handsets at extremely low cost. Each handset is complete with its own transistor amplifier, buzzer, press-to-talk pushbutton switch, buzzer pushbutton switch and shielded coiled cord (extendable to 6') with male and female connectors ready to connect to 2-wire cable. Each handset is handsomely styled in heavy, high impact resistance, moulded plastic. All stations are connected to the same 2-wire cable, and good signals can be received up to 125 miles with #22 wire! Everything is self-contained in each handset, and any number of handsets can be utilized. Buzzer tone is screwdriver-adjustable. Battery replacement (a single "Z" cell is used) needs no tools at all. SPECIFICATIONS: AMPLIFIER CURRENT—0.2 to 0.4 ma. average; BUZZER CURRENT—60 to 90 ma.; IMPEADANCE (INPUT AND OUTPUT)—600 ohms; OUTPUT VOLTAGE—approx. 2.44V. max.; POWER OUTPUT—10 mw. (approx. +10 db.) max.; MINIMUM POWER INPUT (SENSITIVITY)—0.002 mw. (approx. —27 db.); MAXIMUM LINE ATTENUATION —35 db. (0.175 db./km.); DISTANCE FOR COMMUNICATION—200 km. (125 miles); BUZZER FREQUENCY—400 cps.; BUZZER OUTPUT POWER—60 mw.; OPERATING TEMPERATURE—50°C. max.; POWER SUPPLY—Burgess "Z" or RCA VS034 battery cell. SHIPPING WEIGHT (PER PAIR)—3 1/2 lbs. Imported PA-8—2-Station Transistor Telephone System (2 units) Net 19.95 PA-6—Single Transistor Telephone Unit. Shpg. wt., 2 lbs. Net 10.95 BA-155—Burg. Z or equiv. (1 per handset). Shpg. wt., ea. 1lb Net ea. 0.95 ALPHA 1172—2-wire cable for telephone systems. Net 2.41

LAFAYETTE PUBLIC ADDRESS AMPLIFIERS

All Lafayette Amplifiers Are Guaranteed FOR ONE FULL YEAR



PA-60

NO MONEY DOWN

2970

10-WATT P.A. AMPLIFIER MODEL PA-60

FEATURES: Provides extensive coverage for store demonstrations, clubs, churches, offices, classrooms, auction sales, entertainment. Incorporates latest circuit features for improved performance. Separate volume controls permit mixing microphone and phono. 2 speaker output sockets. Cabinet is finished in baked hammerloid enamel.

SPECIFICATIONS: TUBES: 12AX7, 7868, EZ80 (Rectifier). **PEAK PDWER:** 12 Watts. **INPUT GAIN:** Microphone

105 db, Phono 65 db. **FREQUENCY RESPONSE:** 40 to 10,000 cps \pm 1 db. **CONTROLS:** Microphone, Phono, Tone, Power Off-On. **INPUTS:** 2; 1-Microphone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms and 500 ohms (70 volt line). **HUM AND NOISE:** 60 db below rated output. **POWER CONSUMPTION:** 70 Watts, 110/120 V.A.C. 60 cps. fused. **SIZE:** 10 $\frac{1}{2}$ Wx5 $\frac{1}{2}$ Dx6"H.

SHIPPING WEIGHT: 12 $\frac{1}{2}$ lbs.

PA-60W Complete with Tubes Net 29.70

20-WATT P.A. AMPLIFIER MODEL PA-61



PA-61

UP TO 24 MONTHS TO PAY SEE PAGE 381

4250

FEATURES: New improved circuit features ensure top performance. Uses 6BQ5 hi-fi output tubes and designed to give wide range response. Meets power requirements of chapels, clubs, schools, restaurants and industrial plants. Covers up to 50,000 square feet when used with trumpet type speakers. Chassis equipped with 2-speaker output sockets. Housed in well ventilated case of all steel construction. Large instrument type control knobs. Cabinet is finished in baked hammerloid enamel.

SPECIFICATIONS: TUBES: 2-6EU7, 2-6BQ5, EZ80 (Rectifier). **INPUT GAIN:** Microphone 120 db, Phono 80 db. **FREQUENCY RESPONSE:** \pm 1 db from 30-15,000 cps. **TONE CONTROLS:** Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000 cps. **POWER OUTPUT:** 20 Watts. **IN-**

PUTS: 2; 1-Microphone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, 16 and 250 ohms (70 volt line). High impedance output for coupling booster amplifier. **HUM LEVEL:** 68 db below rated output. **CONTROLS:** 5; Microphone, on-off, Bass, Treble, Phono. **POWER CONSUMPTION:** 75 Watts, 110/120 V.A.C. fused. **SIZE:** 14Wx8Dx6"H. **SHIPPING WEIGHT:** 19 lbs.

PA-61WX Complete with Tubes Net 42.50

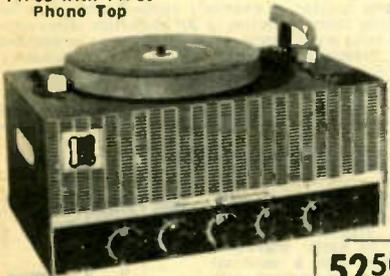
4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—78, 34 33 $\frac{1}{3}$ and 16 $\frac{2}{3}$ RPM. Has constant 4-speed motor, with turnover cartridge, complete with two precious metal needles. Has arm-rest and plug connection; for 117 volts, 60 cycle. Shpg. wt., 10 lbs.

PA-65W 4-Speed Phono Top Net 17.95

30-WATT P.A. AMPLIFIER MODEL PA-62

PA-62 with PA-65 Phono Top



5250

Less phono-top NO MONEY DOWN

FEATURES: Ideal for use in churches, schools, small theaters, lecture halls and industrial plants. Priced extremely low to give extra profits to rentals and sales. Separate bass and treble tone controls, permits adjustments to meet all acoustic requirements. Two mike inputs; optional 4-speed phono top. 70 volt constant voltage output tap. Provides coverage up to 100,000 square feet when used with trumpet type speakers. Chassis is equipped with 2-speaker plug-in output sockets. Unit is housed in sturdy steel, well-ventilated cabinet. Modern streamlined styling. Finished in baked hammerloid enamel. Removable escutcheon plate for rack and panel mounting.

SPECIFICATIONS: TUBES: 3-6EU7, 2-7868, 5U4GB (Rectifier). **POWER OUTPUT:** 30 Watts. **INPUT GAIN:** Microphone 125 db, Phono 80 db. **FREQUENCY RESPONSE:** 30 to 15,000 cps, \pm 1db. **TONE CONTROLS:** Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000

cps. **HUM LEVEL:** 70 db below rated output. **INPUTS:** 3; 2-Microphone and 1-Phono. **CONTROLS:** 6; Microphone-1, Microphone-2, Power off-on, Phono—Bass, Treble, Slide Switch for operating magnetic phono thru channel 2. **OUTPUT IMPEDANCES:** 4, 8, 16, and 250 ohms (70 volt line). High impedance output for coupling booster amplifier. **POWER CONSUMPTION:** 135 Watts, 110/120 V.A.C. 50-60 cycles. Fused. **SIZE:** 14Wx8Dx6"H. **SHIPPING WEIGHT:** 20 lbs.

PA-62WX Complete with Tubes Net 52.50

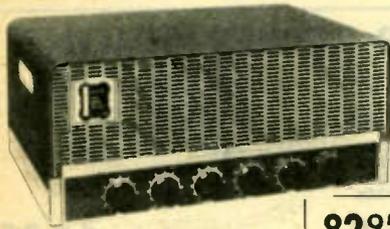
4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm. Has constant 4-speed motor, with turnover cartridge, complete with two precious metal needles. Has arm-rest and plug connection; for 117 volts 60 cycle. Shpg. wt., 10 lbs.

PA-65W 4-Speed Phono Top Net 17.95

60-WATT P.A. AMPLIFIER MODEL PA-63

PA-63



8295

FOR BUDGET TERMS SEE PAGE 381

FEATURES: Conservatively rated for long life in continuous operation. Uses popular high fidelity high power tubes type 6CA7/EL34, and has extremely wide range response. 1-phono and 2-mike inputs. Separate bass and treble tone controls. Modern streamlined styling. Input for magnetic phono cartridge. For large industrial paging and music systems, stadiums, amusement parks, airports, railroad yards, church carillon systems. For groups of up to 10,000 persons or areas up to 200,000 square feet. Baked Enamel Finish.

SPECIFICATIONS: TUBES: 3-12AX7, 1-6973, 2-6CA7/EL34, 2-5U4GB (Rectifiers). **POWER OUTPUT:** 60 Watts. **INPUT GAIN AND IMPEDANCES:** Microphone 130 decibels. Phono 80 decibels. **FREQUENCY RESPONSE:** 30-15,000 cps \pm 1 db. **TONE CONTROLS:** Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000 cps. **HUM LEVEL:** 72 db below rated output. **INPUTS:** 2-Micro-

phone, 1-Phonograph. **CONTROLS:** 2-Mike Volume, 1-Phono Volume, Bass, Treble, Switch for Magnetic or Ceramic/Crystal phono. On-Off Power Switch. **OUTPUT IMPEDANCES:** 8, 16, 250 ohms and 84 ohms (70 volt line). High impedance output for coupling booster amplifier. **POWER CONSUMPTION:** 250 Watts, 110/120 volts, A.C. fused. **SIZE:** 16Wx10Dx6 $\frac{1}{2}$ H. **SHIPPING WEIGHT:** 47 lbs.

PA-63WX Complete with tubes Net 82.95

4-SPEED PHONO TOP

For PA-63 amplifier. Fits in place of cover. Plays all 4 standard speeds—16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm. Constant speed motor, turnover cartridge with dual precious metal styli. With arm rest, AC cord and plug, output cable and plug. For 110/120 volts, 60 cps. AC. Shpg. wt., 10 lbs.

PA-66W 4-Speed Phono Top Net 19.95

30-WATT MOBILE P.A. AMPLIFIER MODEL PA-64

6V OR 12V BATTERY AND 117V AC OPERATION, SEPARATE BASS AND TREBLE CONTROLS

PA-64 with PA-66 Phono Top



8475

Less Phono Top

EASY PAY PLAN SEE PAGE 381

FEATURES: A high-power combination 6 or 12 volt DC battery and 117v. AC amplifier for sound trucks, circuses, ball parks, large picnics, political rallies, beaches, parks, boats, planes, or any large indoor or outdoor gatherings. DC to AC operation is accomplished by changing "plug-in" power cables. 6 or 12 volt DC operation is selected by a switch on top of chassis. Separate bass and treble controls, each having boost or attenuation, for proper acoustic correction. Phono motor operates on all power sources. Standby switch for battery economy. Available with optional 4-speed phono top. Battery cables and AC cables supplied.

SPECIFICATIONS: TUBES: 3-12AX7, 2-7868 and 2-6XSGT (Rectifiers). **HEAVY DUTY VIBRATOR.** **POWER OUTPUT:** 30 Watts. **INPUTS:** 3; 2-Microphone and 1-Phono. **INPUT GAIN:** Microphone 125 db; Phono 80 db. **FREQUENCY RESPONSE:** \pm 2 db, 30-15,000 cps. **BASS:** \pm 15 db at 50 cps. **TREBLE:** \pm 15 db at 10,000 cps. **HUM LEVEL:** 70 db below rated output (AC Rating).

CONTROLS: 8; Microphone-1; Microphone-2; Phono; Bass, Treble; Power off-on for DC; Combination off-on for AC and standby economizer switch for DC; 6-12 volt function switch. **OUTPUT IMPEDANCES:** 4, 8, 16, 250 ohms (70 volt line). **POWER CONSUMPTION:** 130 watts, 117v. 50/60 cycle AC; 6v. battery 24A; 12V. battery 12A; fused separately. **POWER CABLES:** 1-AC cable and 1-DC cable. **SIZE:** 16Wx7 $\frac{1}{4}$ H 10"D. Baked Enamel Finish. **SHIPPING WEIGHT:** 25 lbs.

PA-64WX Amplifier complete with Tubes Net 84.75

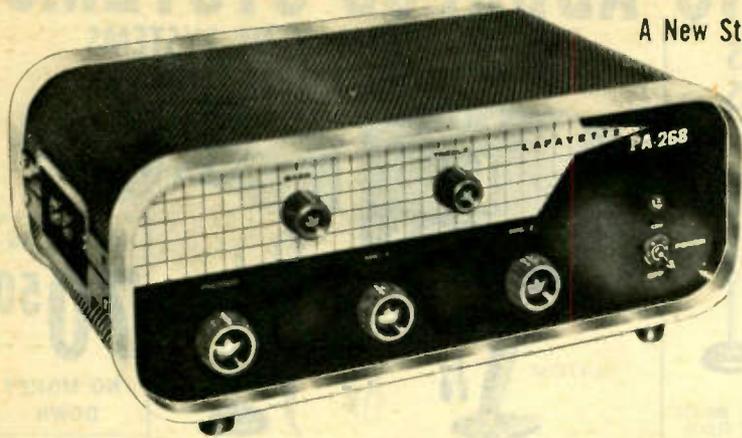
4-SPEED PHONO TOP

For the PA-64 amplifier. Fits in place of cover. Plays all 4 standard speeds — 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm. Constant speed motor, turnover ceramic cartridge with dual precious-metal styli. With arm-rest, AC cord and plug, output cable and plug. Shpg. wt., 10 lbs.

PA-66W 4-Speed Phono Top Net 19.95

LAFAYETTE 40-WATT PUBLIC ADDRESS AMPLIFIER

A New Standard for Performance and Design in the Industry



- Power Output Sufficient to Drive Many Speakers Simultaneously
- Flat Response from 30 Cps to 15 Kc
- Two Microphone Inputs, One Phonograph Input
- Separate Volume Control for Each Input
- Excellent Hum and Noise Suppression
- Attractive New Styling

69⁹⁵
NO MONEY
DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 381

Here is a powerful new public address amplifier suitable for use in large department stores, stadiums, amusement parks, industrial plants, summer camps, etc. Power output is a full 40 watts. Three inputs are provided: Two microphone inputs for crystal or dynamic mikes, and one phono input for a crystal or ceramic pickup, a tape recorder, tuner or other high level program source. Frequency response: ± 2 db from 30 cycles to 15 Kc. Input sensitivity: mike inputs, 5 mv for full output; phono 300 mv. Input impedance: mike, 1 megohm; phono, 500,000 ohms. Hum and noise are 64 db below rated output with mike inputs and 74 db below with phono input. Hum balance control provided in rear. Each input has its own volume control to permit proper blending and balance when two or three inputs are in use simult-

taneously. Separate bass and treble controls. Output impedances: 4, 8, 16 or 250 ohms, taken either from a terminal strip in the rear, or from two 6-prong sockets provided for rapid connection and disconnection. The 250 ohm output is a constant voltage tap for a 70 volt line. Groups of speakers may be connected directly to the amplifier in various series, parallel, and series - parallel configurations. Tube complement: 1-12AX7/ECC83 microphone preamplifier, 1-6AV6 tone control, 2-6AQ8's and 4-6RQ5/EL84 output tubes (two parallel pairs operating push-pull). For 110-120 volts, 50-60 cycles AC. In an unusually attractive metal cabinet with modern black and gray panel, 5 1/4" H x 13 1/4" W x 9 1/4" D. Shpg. wt., 30 lbs. Imported
PA-268WX

Net 69.95



PA-268WX



LAFAYETTE WOOD WALL BAFFLES AND 25 WATT 12" SPEAKERS

AS LOW AS
125⁹⁵
BUY ON TIME
SEE PAGE 381

40-WATT PA SYSTEMS WITH DUAL SPEAKERS

Highly efficient permanent sound systems for large halls, department store music and paging systems, railroad stations, restaurant music, etc. The outstanding Lafayette PA-268 40 watt amplifier assures top performance under all operating conditions. For 117 volts, 60 cps AC.

40-WATT PERMANENT INDOOR SYSTEM

Consists of the PA-268 40-watt amplifier, two 12" PM speakers, two attractive walnut wood baffles, two 35' speaker cables with plugs, an Atlas MS-10C floor mike stand and Argonne AR-3 dual impedance dynamic microphone with ball-joint desk stand, for hand-held, desk stand or floor stand use. Shpg. wt., 75 lbs.

PA-284WXM Net 125.95

Same as above, except with Electro-Voice 664 mike. In place of AR-3
PA-283WXM Net 149.95

40-WATT OUTDOOR PA SYSTEM

Consists of a PA-268 40-watt amplifier, two Lafayette PA-57 driver units and two University PH trumpets, two 35' speaker cables with plugs, and an Argonne AR-3 dynamic mike with desk stand. Shpg. wt., 75 lbs.

PA-282WXM Net 139.45

Same as PA-282WXM except with Electro-Voice 664 dual impedance cardioid dynamic mike and MS-10C floor stand. In place of AR-3
PA-281WXM Net 168.45

Same as PA-282WXM except with 2 Electro-Voice 848 projectors in place of PA-57 and University PH.
PA-280WXM Net 157.95

Same as PA-280WXM with Electro-Voice 664 mike and floor stand in place of AR-3
PA-279WXM Net 186.95



E-V 664 CARDIOID DYNAMIC

ARGONNE AR-3 DYNAMIC MIKE

ATLAS MS-10C FLOOR STAND

LAFAYETTE PA-57 DRIVERS AND UNIVERSITY PH TRUMPETS

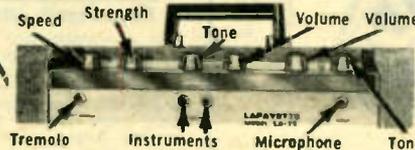
ELECTRO-VOICE 848 CDP PROJECTORS

- Lafayette Powerful 40 Watt Public Address Amplifier
- 2 University or Electro-Voice Horns For Outdoor Systems
- 2 25-Watt Speakers & Wall Baffles For Indoor Systems
- Choice of Deluxe Dynamic Mikes
- 70 Ft. of Speaker Cable

For the Musician Who Cares LAFAYETTE 20-WATT MUSIC AMPLIFIER MODEL LA-75



LA-75



INSTRUMENT CONTROL PANEL RECESSED FOR EASY ACCESSIBILITY

Here is a music amplifier which will deliver 20 watts of clean power, to a built-in 12" heavy-duty 20 watt speaker or to an external 4, 8 or 16 ohm speaker. There are 3 inputs: two instrument inputs and one microphone input for voice. The two instrument inputs have volume and tone controls separate from the corresponding controls on the voice input. Built-in tremolo circuit super-imposes an oscillator signal on the audio signal to create a periodic fluctuation or "quiver" whose frequency and amplitude may be adjusted by the "speed" and "strength" controls, respectively. There is a jack provided for turning the tremolo on and off by means of a foot switch (available as an accessory). Frequency response: ± 3 db from 33 cycles to 20Kc on voice

- 20 Watt High-Fidelity Amplifier
- 2-7189's in Push-Pull
- Adjustable Tremolo for "Quivering" Effect
- Built-in 12" Heavy-Duty Hi-Fi Speaker
- Separate Volume and Tone Controls for Instrument and Voice Inputs

input; ± 3 db from 33 cycles to 15 Kc on instrument inputs. Mike input sensitivity is 9 mv RMS; mike jack is shorting type to minimize hum pickup when mike is not plugged in. Tube complement: 2-12AX7's, 1-6AU6, 2-7189 output tubes, 1-6CA4 rectifier. Dimensions: 15 3/4" H (including rubber feet) x 19 1/4" W x 8 1/4" D. With carrying handle. Shpg. wt., 30 lbs. Imported
LA-75 WX Net 69.50

FOOT SWITCH to remotely control the tremolo in the LA-75. Equipped with cable terminated in standard phone plug to fit corresponding jack on LA-75. Shpg. wt., 1 1/2 lbs.
SW-103 Net 5.95

69⁵⁰ NO MONEY DOWN

EASY PAY PLAN SEE PAGE 381

FOOT PEDAL

LAFAYETTE PUBLIC ADDRESS SYSTEMS

20-WATT PORTABLE SYSTEMS WITH DUAL SPEAKERS



E-V 727SR CRYSTAL MIKE

PA-31 SLIM CRYSTAL 3-WAY MIKE

ATLAS MS-10C MIKE FLOOR STAND

AS LOW AS
NO MONEY
DOWN **77⁵⁰**

- CHOICE OF 3-WAY LAVALIER OR DESK-STAND CRYSTAL MIKES
- HEAVY DUTY 12" SPEAKERS
- AVAILABLE WITH 4-SPEED PHONO TOP

A complete 20 watt Dual Speaker (heavy duty 12" PM Speakers) Portable System, packed with features. Gives you more value and power for your dollar—a price that beats all competition. Ideal for lectures, auctions, taverns, orchestras; excellent as a rental system.

AND DON'T FORGET LAFAYETTE'S MONEY-BACK GUARANTEE: If you don't agree that Lafayette's Sound System meets every claim we make for it—send it back—anytime within 15 days—and Lafayette will refund every penny—less only transportation charges!

COMPLETE PORTABLE SYSTEMS, READY TO OPERATE, INCLUDE: 2-12" heavy duty PM Speakers rated at 15 watts each; the feature packed 20-watt Model PA-61 amplifier; your choice of the popular Electro-Voice Model 727SR crystal mike complete with desk stand and 5' cable, detachable from stand for use as a hand mike, with floor-stand coupler and on-off switch or the Lafayette Model PA-31 high impedance slim crystal microphone with 7' cable and connector, removable swivel-type stand adaptor, lavalier cord and bracket, and on-off switch; 2-35" speaker cables and plugs; plus the famous Atlas MS-10C mike floor stand. Portable carrying case mounts the system conveniently for carrying and for use; covered with high quality dark blue leatherette; size 22½x16½x15" D. For 110-130 volts, 60 cps AC operation. Shpg. wt., 65 lbs. (All systems available with any other microphone at additional cost. For other mikes, see mike pages in index).

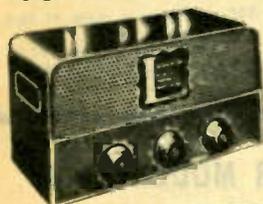
PA-132WXM 20-watt Portable System, less Phono Top, complete as described with E-V 727SR microphone. Net 83.50

PA-133WXM Same as above with Lafayette PA-31 lavalier mike. Net 77.50

PA-134WXM Same as PA-132 WXM with 4-speed phono top. Shpg. wt., 75 lbs. Net 101.50

PA-135WXM Same as PA-133 WXM with 4-speed phono top. Shpg. wt., 75 lbs. Net 95.50

10-WATT FIXED P.A. SYSTEMS



E-V 727

PA-29

AS LOW AS
NO MONEY
DOWN **44⁰⁰**

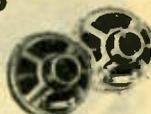
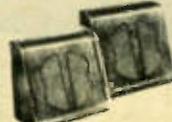
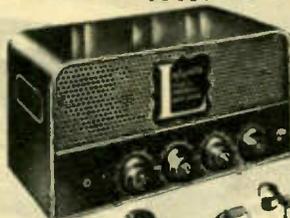
- COMPLETE PERMANENT SYSTEM
- CHOICE OF CRYSTAL OR DYNAMIC MIKE
- AMPLIFIER HAS LAFAYETTE'S MONEY-BACK GUARANTEE

High quality, low cost system engineered for smaller permanent installations. For areas up to 5500 sq. ft. For office, store, garage, small factory paging and music systems. **THE COMPLETE SYSTEMS INCLUDE:** The new Lafayette Model PA-60, 10-watt amplifier complete; your choice of either the Electro-Voice 727 crystal microphone complete with detachable desk stand and 5' cable—or the new Lafayette Model PA-29 weatherproof, blast-proof slim dynamic mike complete with Lafayette Model PA-29 weatherproof, blast-proof slim dynamic mike complete with high or low impedance selector switch and detachable swivel-type stand adaptor; 8" heavy duty PM speaker; 35" speaker cable and plug, and attractive polished walnut speaker wall baffle. For 110-120 volts, 60 cps AC operation. Shpg. wt., 25 lbs. (Any other microphone may be substituted in all systems at additional cost. See microphones in index.)

PA-140WXM Complete 10-watt Permanent System as described with E-V 727 Crystal Microphone. Shpg. wt., 24 lbs. Net 45.50

PA-141WXM Same as above, with Lafayette PA-29 dual impedance dynamic microphone. Shpg. wt., 24 lbs. Net 44.00

20-WATT PERMANENT SYSTEMS WITH DUAL SPEAKERS



E-V 727SR

PA-31

ATLAS MS-10C

AS LOW AS
70⁵⁰
NO MONEY
DOWN

- CHOICE OF CRYSTAL 3-WAY LAVALIER OR DESK-STAND MIKE
- TWO HEAVY-DUTY 12" SPEAKERS
- TWO POLISHED WALNUT WALL BAFFLES

Excellent for a great many public address, paging and sound reinforcement applications, the Lafayette 20-watt permanent system is an exceptional value. Speakers and paging horns may be added for wider area coverage or for multiple small areas such as offices, loading platforms or stockrooms. Easy to install in small dance halls or dance studios, school auditoriums, Sunday school rooms, mission meeting halls or gymnasiums. Provides excellent coverage for audiences up to 2000 or areas up to 12,000 square ft. **THE AMPLIFIER IS UNCONDITIONALLY GUARANTEED FOR ONE FULL YEAR.**

THE COMPLETE PERMANENT SYSTEMS INCLUDE: One 20-watt Model PA-61 amplifier, complete with tubes; 2-12" heavy duty PM 15-watt speakers; 2-35 ft. speaker cables and plugs; 2 polished walnut wooden wall baffles; your choice of either the Electro-Voice 727SR Crystal microphone complete with detachable desk stand for desk, table top or hand use, and with on-off switch, or the Lafayette Model PA-31 slim crystal mike with on-off switch, lavalier cord and bracket and complete with 7' cable and connector and removable swivel-type stand adaptor; you also get the popular Atlas MS-10C mike floor stand for a complete, convenient public address "package." For 110-130 volts, 60 cps AC use. Shpg. wt., 57 lbs.

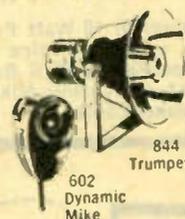
PA-136WXM 20-watt Permanent System, less Phono Top, complete as described with E-V 727SR microphone. Net 76.50

PA-137WXM Same as above, with Lafayette PA-31 Microphone. Avg. shpg. wt., 67 lbs. Net 70.50

PA-138WXM Same as PA-136 WXM, with 4-speed phono top. Net 94.50

PA-139WXM Same as PA-137 WXM, with 4-speed phono top. Avg. shpg. wt., 67 lbs. Net 88.50

25-WATT MOBILE ALL-TRANSISTOR P.A. AMPLIFIER AND SYSTEMS



PA-256 less phono top

74⁵⁰
NO
MONEY
DOWN

844 Trumpet

602 Dynamic Mike

SYSTEMS AS
LOW AS
119⁵⁰
BUY ON TIME
SEE PAGE 381

- Plugs Directly Into Cigarette Lighter
- Operates Off 12 Volt Battery

This all transistorized amplifier is ideal for sound trucks, parks, boats or any place where AC power is not available. Operates from any 12 volt DC source such as car battery and delivers 25 watts of power for outdoor meetings of any kind. Plugs right into cigarette lighter. Has 2 inputs: 1 for phono (.2 volts) and 1 for low impedance microphone. Five control knobs are microphone volume, phono volume, bass, treble and power. Freq. response 80-12,000 cps ± 2db. Output impedances 4, 8 and 16 ohms. Noise level: phono —80db, mike —60db. Low idling current drain. Fused. Size: 11Wx3½Hx8"D. Shpg. wt., 10 lbs.

PA-256 WX less phono top Net 74.50

PA-257 WX 4-speed phono top for above Net 32.40

MOBILE SYSTEMS

Consists of PA-256 amplifier, less Phono top, plus Electro-Voice 844 Trumpet and Electro-Voice 602 Dynamic Mike, 1-35' speaker cable, plug and necessary connectors. Shpg. wt., 25 lbs. Net 119.50

PA-291WXM System Net 119.50

Consists of PA-256 amplifier, less phono top, 2 Lafayette PA-57 driver units with 2 University PH trumpets. 2-35" speaker cables and plugs. Lafayette PA-29 microphone and all necessary connectors. Shpg. wt., 75 lbs. Net 137.50

PA-258WXM system Net 137.50

PA-259WXM Same as PA-258WXM but with 2-EV848 CDP Projectors 156.00

PA-260WXM Same as PA-258WXM but with EV 602 mike 154.75

PA-290WXM Same as PA-259WXM but with EV 602 mike 172.50

LAFAYETTE DELUXE ECONOMICAL PUBLIC ADDRESS SYSTEMS

Our Low Prices and 1-yr. Amplifier Guarantee Make These Systems "BEST BUYS" in P.A.

30-WATT PORTABLE SYSTEMS With DUAL SPEAKERS



The most popular system for schools, RR waiting rooms, gyms, churches, noisy factories. Ideal for rentals.

AS LOW AS **110.50** EASY BUDGET PLAN SEE PAGE 381 NO MONEY DOWN



CHOICE OF DYNAMIC MICROPHONES

ELECTRO-VOICE 664 DELUXE CARDIOID DYNAMIC MIKE

ARGONNE AR-3 DUAL IMPEDANCE DYNAMIC MIKE

ATLAS MS-10C FLOOR STAND

MONEY BACK GUARANTEE!

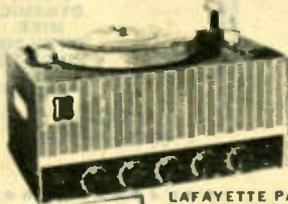
• CHOICE OF DELUXE DYNAMIC MIKES • TWO 25-WATT SPEAKERS

This 30-watt system is one of our most popular models. Large enough for the majority of sound system applications — used in thousands of school auditoriums, churches, theatres, dance halls, dance studios and lecture halls. The ideal system for rentals; these systems have been sold to many hundreds of dealers.

AND REMEMBER OUR MONEY-BACK GUARANTEE AND OUR LOW, LOW PRICE! DUAL SPEAKER 30-WATT PORTABLE SYSTEMS INCLUDE: The outstanding feature-filled Lafayette Model PA-62 30-watt amplifier; 2—25-watt PM speakers; 2—35' speaker cables and plugs; your choice of the popular Argonne AR-3 All-Purpose Dynamic dual-impedance microphone for hand-held, desk stand or floor stand use, with removable ball-joint desk stand and floor stand adapter and 8' cable; or the deluxe dual-impedance Electro-Voice 664 Cardioid dynamic microphone for use where high-feedback problems exist, with 40-15,000 cps response, on-off switch and 18' cable; the famous Atlas MS-10C floor mike stand; and the handsomely designed split-type portable carrying case covered in high quality dark blue leatherette. Size of case 22½x16½x15" D — provides a secure place for the system components. For 110-130 volts, 60 cps AC operation. Shpg. wt., 75 lbs. less phono; with phono 85 lbs.

- PA-232WXM 30-watt Portable System, Less Phono Top and less MS-10C floor stand, complete as described with Argonne AR-3 dynamic mike Net 110.50
- PA-233WXM Same as above, with E-V 664 dynamic microphone and MS-10C floor mike stand Net 140.50
- PA-234WXM Same as PA-232WX with 4-speed phono top Net 128.50
- PA-235WXM Same as PA-233WX with 4-speed phono top Net 158.50

30-WATT PERMANENT SYSTEMS With DUAL SPEAKERS



LAFAYETTE PA-57 DRIVERS AND UNIVERSITY PH TRUMPETS

ELECTRO-VOICE 848 CDP 30-WATT PROJECTORS

AS LOW AS **108.50** NO MONEY DOWN

LAFAYETTE PA-62 WITH PHONO TOP

LAFAYETTE WOOD WALL BAFFLES AND 25 WATT 12" SPEAKERS

E-V 664 CARDIOID DYNAMIC

ARGONNE AR-3 DYNAMIC MIKE

ATLAS MS-10C FLOOR STAND

- CHOICE OF DELUXE DYNAMIC MIKES • 70 FT. OF SPEAKER CABLE
- 2—25-WATT SPEAKERS & WALL BAFFLES FOR INDOOR SYSTEMS
- 2 ELECTRO-VOICE OR UNIVERSITY HORNS FOR OUTDOOR SYSTEMS

Designed for large halls, airports, loading platforms, department store music and paging systems, restaurant music, and railroad stations. COMPLETE SYSTEMS CONSIST OF: The PA-62 30-watt amplifier complete, available with or without 4-speed phono top; choice of 2—25-watt 12" PM speakers for indoor paging and music distribution; or 2—Electro-Voice 848 CDP wide-angle 30-watt projectors or 2—Lafayette PA-57 drivers with University PH trumpets for best noise penetration; 2—35' speaker cables and plugs; your choice of the Electro-Voice 664 dual-impedance cardioid dynamic microphone with on-off switch and 18' cable or the popular Argonne AR-3 dual impedance dynamic with ball-joint desk stand for hand-held, desk or floor stand use; the highly useful Atlas MS-10C floor mike stand; and, for the indoor systems, 2 wood wall baffles handsomely finished in walnut. For 110-130 volts, 60 cps AC. Shpg. wt., 65 lbs. less phono; with phono 75 lbs.

30-WATT PERMANENT INDOOR SYSTEMS

- PA-244WXM Consists of PA-62 30-watt amplifier less phono top, 2—12" PM speakers, 2 walnut wood baffles, 2—35' speaker cables and plugs, MS-10C floor mike stand and Argonne AR-3 microphone Net 108.50
- PA-245WXM Same as PA-244WX except with E-V 664 mike Net 132.50
- PA-246WXM Same as PA-244WX except with 4-speed phono top Net 126.50
- PA-247WXM Same as PA-245WX except with 4-speed phono top Net 150.50

30 WATT OUTDOOR SYSTEMS

- PA-248WXM Consists of PA-62 30-watt amplifier less phono top, 2—Lafayette PA-57 driver units and 2 University PH trumpets, 2—35' speaker cables and plugs, and Argonne AR-3 dynamic mike with desk stand. 65 lbs. less phono; with phono 75 lbs. Net 122.00
- PA-249WXM Same as PA-248WX except with E-V 664 mike and MS-10C floor stand Net 151.00
- PA-250WXM Same as PA-248 WX except with 2 E-V 848 CDP 30-watt projectors Net 140.50
- PA-251WXM Same as PA-250 WX except with 2 E-V 664 mike and MS-10C floor stand Net 169.50
- PA-252WXM Same as PA-248 WX except with 4-speed phono top Net 140.00
- PA-253WXM Same as PA-249WX except with 4-speed phono top Net 169.00
- PA-254WXM Same as PA-250 WX except with 4-speed phono top Net 158.50
- PA-255WXM Same as PA-251 WX except with 4-speed phono top Net 187.50

30-WATT MOBILE OUTDOOR SYSTEMS



LAFAYETTE PA-64 30-WATT MOBILE AMPLIFIER WITH PHONO-TOP

2—UNIVERSITY PH TRUMPETS AND LAFAYETTE PA-57 DRIVERS

ELECTRO-VOICE 848 CDP 30-WATT PROJECTORS

- FOR 6V, 12 VOLT BATTERY AND 117 VOLT AC
- CHOICE OF EITHER OF 2 LAVALIER MIKES

COMPLETE MOBILE SYSTEMS INCLUDE: The Lafayette Model PA-64 30-watt mobile amplifier complete; a set of AC and battery cables; your choice of 2—Lafayette PA-57 driver units and University PH reflex trumpets or 2—Electro-Voice 848 CDP 30-watt compound diffraction projector wide-angle horns; your choice of the Lafayette PA-31 wide-range crystal microphone with on-off switch, lavalier cord and bracket and 7' cable and connector, and with swivel-type mike stand adapter, for chest, hand-held or stand use—or, the deluxe Electro-Voice 647 lavalier dynamic mike with neck cord, support clips and 18' cable, for chest, hand or desk use; PL'S 2—35' speaker cables and plugs. Shpg. wt., 75 lbs. less phono; with phono 85 lbs.

- PA-236WXM Complete 30-watt mobile outdoor system with PA-64 30-watt mobile amplifier less phono top; with AC and battery cables, 2 Lafayette PA-57 driver units and 2—University PH trumpets, 2—35' speaker cables and plugs and Lafayette PA-31 microphone Net 145.50
- PA-237WXM Same as PA-236 WX except with E-V 647 mike Net 177.00
- PA-238WXM Same as PA-236 WX except with 2 E-V 848 CDP 30-watt projectors Net 164.00
- PA-239WXM Same as PA-237 WX except with 2 E-V 848 CDP projectors Net 195.50
- PA-240WXM Same as PA-236 WX except with 4-speed phono top Net 165.50
- PA-241WXM Same as PA-237 WX except with 4-speed phono top Net 197.00
- PA-242WXM Same as PA-238WX except with 4-speed phono top Net 184.00
- PA-243WXM Same as PA-239 WX except with 4-speed phono top Net 215.50

AS LOW AS **145.50** NO MONEY DOWN BUY ON TIME SEE PAGE 381

2 sound systems for the price of 1, with plenty of power for any job, whether mobile or indoor. Provides coverage for areas up to 100,000 square feet. Operates from any 6 volt or 12 volt automobile, truck or bus storage battery or from 110-130 volts 60 cycles AC; 30 watts output.

LAFAYETTE PUBLIC ADDRESS EQUIPMENT

60-WATT HI-POWER OUTDOOR SYSTEMS



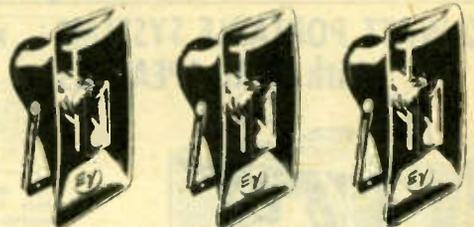
LAFAYETTE PA-63
60-WATT AMPLIFIER



LAFAYETTE
PA-43
DYNAMIC
MIKE

E-V 605
DYNAMIC
MIKE
ON EV-248
TOUCH-TO-
TALK
STAND

CHOICE OF
MICROPHONES



ELECTROVOICE 848 CDP PROJECTORS
WITH 30 WATT DRIVERS

AS
LOW
AS

17250

NO MONEY
DOWN

FOR BUDGET TERMS SEE PAGE 381

LAFAYETTE 60-WATT
SYSTEM COMPONENTS



LAFAYETTE
PA-57 DRIVER UNITS



UNIVERSITY PH PROJECTORS

LAFAYETTE 60-WATT OUTDOOR SYSTEMS

This ruggedly-designed equipment is recommended for all high power heavy duty requirements, such as church steeple systems, railroad yards, airports and industrial plants. COMPLETE 60-WATT OUT-DOOR SYSTEMS INCLUDE: The conservatively-rated Lafayette Model PA-63 60-watt amplifier complete; your choice of 3 University Model PH trumpets with 3 Lafayette PA-57 driver units or 3 Electro-Voice 848 CDP Compound Diffraction Projectors with 30-watt drivers; your choice of the Electro-Voice 605 durable high output dynamic microphone with 18" cable and with E-V 428 "touch-to-talk" desk stand with dpdt switch, or the Lafayette PA-43 high impedance dynamic mike with removable swivel-type stand adaptor, talk switch and 7" cable and plug. For 110-120 volts, 60 cps AC. Shpg. wt., 100 lbs. less phono; 110 lbs. with phono.

| System No. | Net | Amplifier | Projectors and Drivers | Microphone | Stand | Phonotop |
|------------|--------|-----------|------------------------------------|------------|----------|------------|
| PA-225WXM | 172.50 | LAF PA-63 | 3-Univ. PH With Laf. PA-57 Drivers | LAF PA-43 | NONE | NONE |
| PA-229WXM | 192.50 | LAF PA-63 | 3-Univ. PH With Laf. PA-57 Drivers | LAF PA-43 | NONE | LAF PA-66W |
| PA-224WXM | 190.00 | LAF PA-63 | 3-Univ. PH With Laf. PA-57 Drivers | E.V. 605 | E.V. 428 | NONE |
| PA-228WXM | 210.00 | LAF PA-63 | 3-Univ. PH With Laf. PA-57 Drivers | E.V. 605 | E.V. 428 | LAF PA-66W |
| PA-227WXM | 200.50 | LAF PA-63 | 3-E.V. 848 C DP With Drivers | LAF PA-43 | NONE | NONE |
| PA-231WXM | 220.50 | LAF PA-63 | 3-E.V. 848 C DP With Drivers | LAF PA-43 | NONE | LAF PA-66W |
| PA-226WXM | 217.50 | LAF PA-63 | 3-E.V. 848 C DP With Drivers | E.V. 605 | E.V. 428 | NONE |
| PA-230WXM | 237.50 | LAF PA-63 | 3-E.V. 848 C DP With Drivers | E.V. 605 | E.V. 428 | LAF PA-66W |

60-WATT INDOOR PAGING SYSTEMS



LAFAYETTE PA-63
60-WATT AMPLIFIER



LAFAYETTE
PA-43
DYNAMIC
MIKE

E-V 605
DYNAMIC
MIKE
ON EV-428
TOUCH-TO-
TALK
STAND

CHOICE OF MICROPHONES



COMPLETE SYSTEM

AS
LOW
AS

16050

NO MONEY DOWN

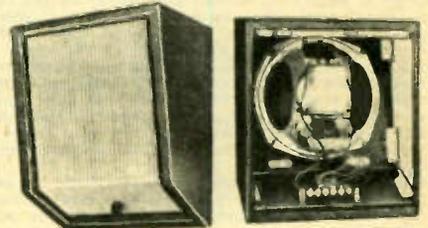
UP TO 24 MONTHS TO PAY SEE PAGE 381

An ideal system for heavy-duty, high powered continuous performance; for paging or industrial music distribution, and for extra-large auditoriums, schools, churches, department stores, airports, etc. Included in these systems are 6 of the new Lafayette pre-wired speaker-baffle combinations with 8" heavy duty speakers rated at 10 watts each, pre-wired matching transformer for 70 volt line with taps for 10, 5, 2.5, 1.25 and .625 watts per speaker, and individual volume controls. A screwdriver is all you need to connect speaker lines. You can add more speakers, if you wish, at any time — up to 48 for a 1/4 watt-per-speaker department store or school installation, etc. In addition you get the great new Lafayette PA-63 conservatively-rated 60 watt amplifier; your choice of either the Electro-Voice Model 605 high output dynamic microphone with 18" cable and with E-V 428 touch-to-talk desk stand with dpdt switch or the well-known Lafayette PA-43 "Dyna-Slim" high output dynamic microphone with on-off switch, omni-directional head, "quick-slip" swivel-type stand adaptor, and plug-in cable. For 117 volts, 60 cps AC. Shpg. wt., 95 lbs. PA-174WXM Complete 60-watt indoor system as described, less phono top, with E-V 605 microphone and 428 desk stand Net 178.00
PA-175WXM Same, with Lafayette PA-43 "Dyna-Slim" microphone, less stand Net 160.50

PHONO TOP SYSTEMS

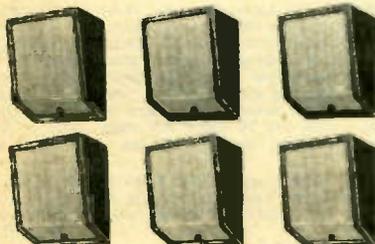
These systems are identical to the above but include a 4-speed phono top which becomes an integral part of the amplifier. Shpg. wt., 105 lbs.
PA-176WXM Same as PA-174WXM with 4-speed phono graph top Net 197.95
PA-177WXM Same as PA-175WXM with 4-speed phono top Net 180.50

LAFAYETTE 8" 10-WATT PRE-WIRED SPEAKER-BAFFLE COMBINATION



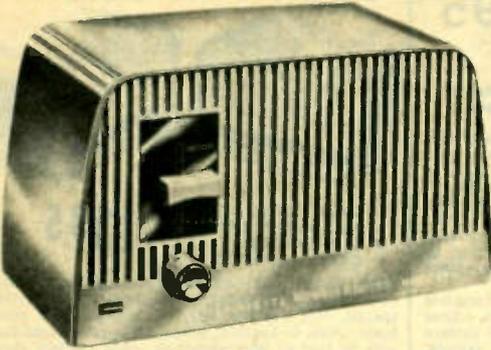
- FOR PUBLIC ADDRESS, PAGING, MUSIC DISTRIBUTION USE
- BUILT IN 70-VOLT LINE MATCHING TRANSFORMER WITH TAPS FOR 10, 5, 2.5, 1.25 AND .625 WATTS
- BUILT-IN INDIVIDUAL VOLUME CONTROLS
- ONLY A SCREWDRIVER NEEDED TO CONNECT SPEAKER LINES

An 8-ohm speaker-baffle combination for any type of indoor sound system. Perfect for schools, stores, offices, churches. Each unit is completely pre-wired. The heavy-duty 8" speaker with 4.64 oz. Alnico V Magnet rated at 10 watts, is installed in the beautifully styled acoustically-designed plywood baffle; the matching transformer is mounted directly on the sturdy warp-free speaker frame. Transformer taps are 10, 5, 2 1/2, 1 1/4 or 3/8 watts, for connection to 70 volt amplifier output, and any individual speaker tops can be changed without the need to change transformer connections on remaining speakers of the P.A. system. A terminal board with screw terminals is provided at the rear of each baffle for easy connections. Each speaker has its own volume control for setting volume levels as desired at each speaker location—extremely important in most school, department store, etc., paging or music distribution system installations. Size is 11Wx9 1/2 Hx6 3/8" D. Shpg. wt., 7 lbs. Imported
PA-79W Speaker-Baffle Combination Net 13.95



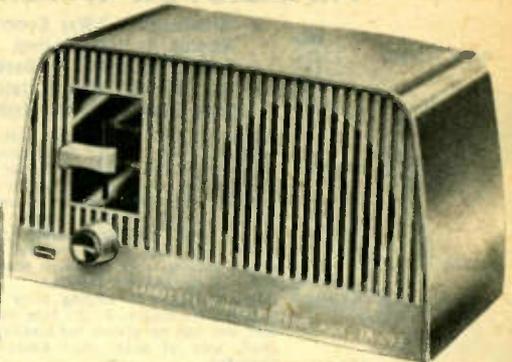
LAFAYETTE 8" 10-WATT
SPEAKER BAFFLE COMBINATIONS
PRE-WIRED WITH MATCHING
TRANSFORMER &
VOLUME CONTROL

LAFAYETTE WIRELESS INTERCOM



- Move it from Room to Room—No Wires Needed
- 3-Position Operation Bar-Lever
- Dependable 3" Speaker
- For Home and Office Use
- Add as many Extra Remotes as Desired

2 WIRELESS INTERCOMS **29⁹⁵**
 No Money Down
EASY PAY PLAN SEE PAGE 381



Lafayette offers the most outstanding intercom value ever! The Lafayette Wireless Intercom offers quality performance at an amazing low price. Features a three-position operation bar-lever: Dictate (for use as "baby sitter", lengthy talking), Talk (has spring return to Listen position), and Listen. Can be plugged into any 117V outlet—move from room to room, no wires to connect. Front panel has volume control plus easy-to-see pilot light. Rear panel has adjustable squelch

control. Dependable 3" speaker. For use in the home and office and use as many remotes as you need. Shpg. wt., 10 lbs. Imported
PA-294M 2-Station Intercom Net 29.95
 Extra Remote for PA-294. Shpg. wt. 5 lbs. Imported
PA-293 Net 15.25

NEW BOGEN CHALLENGER CHB SERIES PA AMPLIFIERS



AS LOW AS **7195**

Decorator styled with fine performance and high power at budget prices. Featuring: Master volume control; built-in remote volume control circuit—allows changes in gain at distances up to 2000 feet. Constant voltage output taps simplify calculations for speaker matching transformers. Separate bass and treble controls. Single function controls for ease of operation. Variable level markers permit resetting of controls to previously determined levels. Conservative design includes fixed grid bias in push-pull output stage. Short-circuit protection against accidental shorting or speaker disconnection. Frequency response of 20-20,000 cps \pm 2 db. insures maximum clarity and intelligibility. 3 input signals may be mixed simultaneously. Inputs: 2 mikes, 2 aux., 1 mag. phono. Hum & noise: —65 db. Mic. —80 db. sensitivity; Mic: 4-5 mv; mag phono. 12-15 mv. 2 loudspeaker plug-in terminals. U.L. approved. 4, 8, 16 ohms plus 25V & 70V output. For 117V 60 cycle AC. Size, all units: 15 $\frac{1}{4}$ "x6 $\frac{3}{4}$ "x10".

| | | |
|------------------|-------------------|------------|
| PA-351WX CHB-35 | 35 Watts 18 lbs. | Net 71.95 |
| PA-352WX CHB-50 | 50 Watts 21 lbs. | Net 82.45 |
| PA-353WX CHB-100 | 100 Watts 26 lbs. | Net 112.45 |

GUARDIAN WIRELESS PAGING SYSTEM

- FULLY TRANSISTORIZED
- COMPLETELY WIRELESS BETWEEN MASTER STATION AND SPEAKER-AMPLIFIER RECEIVER

3225

A top quality paging system with absolutely no interconnecting wires. Consists of a Model CP-70 master station and a Model CP-71 speaker-amplifier receiver, both of which are plugged into the 117 volt AC line. No other connections are necessary—and any number of speaker-amplifiers may be used in conjunction with one or more master stations. Frequency is adjustable to permit operation of up to 3 independent systems in close proximity. The CP-70 master station is cleanly styled, slimly contoured—employs 4 transistors. Just press the PAGE switch to talk, or lock it for long messages and dictation. Master station is colored in desert sand—will blend in with any decor. The horn-shaped CP-71 is of sleek, modern design—made of sparkling spun aluminum. Employs 4 transistors, 2 diodes—includes built-in squelch circuit. Swivels 360°; mounting plate occupies only 9" on wall or ceiling. Volume may be adjusted at either the master station or speaker amplifier.



| | | |
|--|-------------------|-----------|
| CP-70 Master Station. 6x9 $\frac{1}{4}$ "x8 $\frac{1}{4}$ ". | Shpg. wt., 3 lbs. | Net 32.25 |
| CP-71 Speaker-amplifier Receiver. 10 $\frac{1}{2}$ "x10 $\frac{1}{4}$ "x18". | | Net 45.00 |
| PA-371 Shpg. wt., 6 lbs. | | Net 45.00 |

BOGEN VERSATILE MX-6A MIXER-PREAMPLIFIER

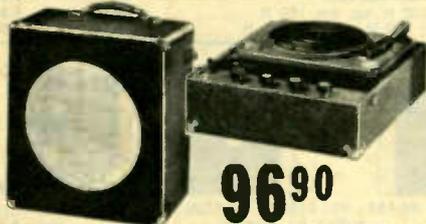


40⁵⁰

FEATURES: Self-powered • 4 microphone and 2 radio-phono inputs • Any 4 channels may be used at the same time • All channels individually controlled for mixing and fading • Cathode follower output — permits long cable to amplifier • Connects to high impedance radio/phono input of any amplifier or tape recorder • 5 volt output • Low hum level.
SPECIFICATIONS—OUTPUT VOLTAGE: .5 volt. **FREQUENCY**

RESPONSE: 50-15,000 cps \pm 2 db. **GAIN:** Mike—59 db, Phono—30 db, HUM: 70 db below .5 volt. **OUTPUT IMPEDANCE:** Less than 1000 ohms. **CONTROLS:** 2—mike volume, 2—mike or phono volume; on-off. **TUBES:** 2—12AX7, 12AT7. **DIMENSIONS:** 8x4 $\frac{1}{2}$ "x6 $\frac{1}{2}$ ". **POWER CONSUMPTION:** 10 watts, 117 volts, 60 cps AC. Shpg. wt., 3 lbs.
PA-324 BOGEN MX-6 A Net 40.50

BOGEN VP-10 PORTABLE TRANSCRIPTION PLAYER

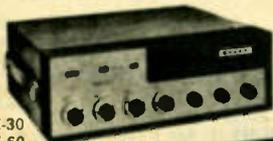


96⁹⁰

Here is a complete 10-watt portable phonograph and PA system with a remote 12" speaker and amazing audio quality. Perfect for schoolrooms, dance classes, parties, etc. The phono mechanism employs the superb Bogen B41 record player—no audible rumble, flutter or wow. Features Automatic Motor Start—move tone arm to outer perimeter of turntable and motor turns on. Plays all size records up to 12" at all 4 standard speeds (16, 33, 45 and 78 rpm). Speeds adjustable over a range of \pm 5% for perfect pitch. The amplifier

is rated at 10 watts peak, more than enough to throw music or live voice, faithfully reproduced, wherever it is needed. Amplifier has microphone input, base and treble controls, and separate volume controls for phono and mike inputs. Complete in single, easy-to-carry case with heavy-duty 8-ohm, 12" speaker mounted in removable cover. With 25 ft. speaker cable. Dimensions: 15 $\frac{1}{4}$ "x14x11 $\frac{1}{2}$ ". Shpg. wt., 31 lbs.
PA-330WX Net 96.90

BOGEN DELUXE SERIES PUBLIC ADDRESS AMPLIFIERS



177⁰⁰

No Money Down

Model MX-60 For accurate reproduction in large areas such as stadiums, concert halls, etc. Wherever fidelity and power are prime requirements the MX-60 should find a place. 60 watts output at less than 2% distortion. Featuring: A master as well as individual gain controls for the 4 separate inputs; exclusive variable level indicators; output impedance to match 4, 8, 16 and 83 ohms, and 25- or 70 volt balanced line; frequency response \pm 2 db from 35-20,000 cps; hum 60 db down at full output; treble control (10KC) \pm 10 db; bass control (50 cps) \pm 10 db. Size: 16 $\frac{1}{4}$ "x13Dx5 $\frac{3}{8}$ "H. For 110-120 volts, 60 cps AC.
PA-323WX Shpg. wt., 37 lbs. Net 177.00

Model MXM MIXER PREAMPLIFIER. Features professional quality performance. Completely self-powered, accommodates 5 microphones or 4 microphones plus tuner or phonograph. Frequency response, \pm 2 db from 20-20,000 cps. Each input channel has its own gain control and speech filter. Unit includes master gain control, output level VU meter, feedback-type distortion-free tone controls, and new variable level markers for instant resetting of controls to previously determined levels. Input sensitivity: high impedance, 4 mv; low impedance, 0.4 mv; MAG. 4 mv; XTAL. 0.2V; AUX. 0.5 V. Output is + 18 dbm at less than 1% distortion, high impedance, with provision for plug-in-low-impedance transformers. Hum is 60 db below rated output. 16 $\frac{1}{4}$ "x5 $\frac{3}{8}$ "x13"D. Shpg. wt., 21 lbs.
PA-328WX Net 147.75

147⁷⁵

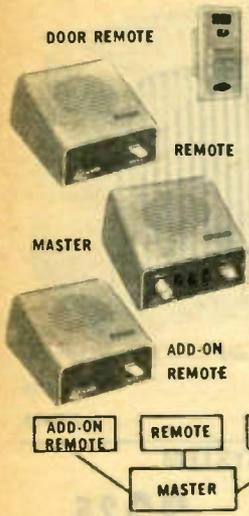


No Money Down

Model MX-30 Similar to above but 30 watts output. Output impedance: 4, 8, 16, and 163 ohms, plus 25 or 70V, balanced lines. Size 16 $\frac{1}{4}$ "x5 $\frac{3}{8}$ "x13"D. Shpg. wt., 31 lbs. **PA-325WX** Net 138.75

NEW! LAFAYETTE 2, 3 & 4 STATION TRANSISTOR INTERCOM

1995



- Instantaneous 2-Way Communication — No Waiting For Warmup, No Heat, No Hum
- Portable as Well as For Desk or Wall Mounting
- You Can Start With 2 Station System and add on Additional Remote and Door Remote Later

For 2 Station System

Lafayette's new transistorized intercom can be used anywhere for 2, 3 or 4 station communications. Master has printed circuit board in well designed 3 transistor plus diode circuit for plenty of output. Master also has volume control, 3 OFF-ON slide switches for calling or listening to up to 3 remote stations, and a spring return "TALK," "HEAR," and "OFF" (battery saving position) lever switch. Master can call and talk to each, any 2, or all 3 remote stations at the same time. With system in "OFF" battery saving position, remote can initiate a call to Master by transmitting a tone signal indicating that he wishes to speak to master. Perfect for baby sitting by simply placing lever switch on Master to "Hear." Absolutely no danger of shock since unit is 6 volt battery operated. Neatly designed in sloping ivory cases with attractive blue front panels. Complete with battery holder, 4 "Z" type cells and 50' of 2 conductor wire. Units have rubber feet and can be placed horizontally on desk or table top or hung on vertical surface (wall, side of desk, etc.) 4 3/4"x5 3/4"x2 3/4" max. dimensions of master and remote. Imported.

2 STATION SYSTEM — MASTER PLUS 1 REMOTE
PA-265 Shpg. wt., 4 lbs. Net 19.95

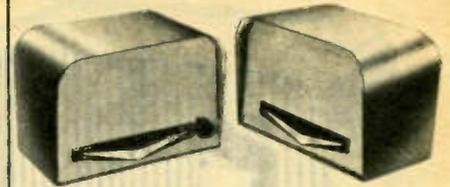
ADD-ON REMOTE SUB-STATIONS

PA-286 Additional Remote as above. Shpg. wt., 1 1/2 lbs. Net 4.95
PA-287 Door Remote. Shpg. wt., 1 1/2 lbs. Net 4.95

REPLACEMENT BATTERY

BA-155 1 1/2 Volt Battery (4 required) Ea. Net. .095
WR-12 Additional 2 Conductor Wire 100 ft. coil Net .89

FAMOUS NAME BRAND 2-STATION INTERCOM



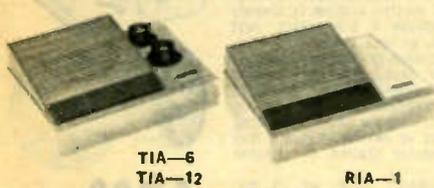
- SMART STYLING
- ALL-METAL CABINET
- 4" SPEAKERS
- CABLE SUPPLIED

1395

New! Low cost intercom system that combines smart new styling with quality performance. A Lafayette special, this 2-station intercom is a must for your home, store, or business office. Units come complete with 50 feet of interconnecting cable and will save you thousands of steps and needed energy. An additional remote station may be added if needed at very low cost. The Master unit has its own volume control with "on-off" switch. No switch is necessary on remote. Power consumption is only 29 watts. This set uses a 12AT7 Dual-triode amplifier plus a Selenium rectifier. 4" Alnico speakers are used in both Master and Remote, 110 Volts AC or DC. Measures only 6 3/8" x 4 1/2" x 4 3/8". Shpg. wt., 6 lbs. 2-Station intercom complete

PA-269 Net 13.95
PA-270 Extra Remote Station Net 5.83

NEW! Bogen SERIES T TRANSISTORIZED OFFICE INTERCOMS



A compact light weight intercom system with natural voice reproduction and very high output level. For offices, stores, homes or any location where voice intercommunication is needed. Features: rugged transistorized design; trouble-free circuitry; low profile and tri-stage amplification. In addition, Series T intercoms provide the simplest method yet devised to modify systems at will so that all remotes can be operated privately (for inter-office situations) or non-privately (for nursery or stock-room areas where a remote must reply or be heard without operating any controls).

Single Master-Multiple Remote System uses up to 5 RIA-1 remote stations with one TIA-6 master or 11 remotes with a TIA-12 master. Remotes may originate calls to master and master can silence background noise of remotes with "mute" switch. All Master System, up to six TIA-6 or twelve TIA-12 masters may be used. Both can talk to all stations at once, or permit separate conversations simultaneously up to the number of stations used. Model RIA-1 remotes have press-to-talk bar. Sturdy phenolic plastic cabinet, size: 7 3/4" W x 3 3/4" H x 7" D. Shpg. wt. master 4 lbs. Remote 3 lbs.
PA-332 TIA-6 Master Station Net 34.45
PA-333 TIA-12 Master Station Net 38.25
PA-334 RIA-1 Remote Station Net 10.45

WIRING REQUIREMENTS, FOR Bogen INTERCOMS

For single master-multiple remote systems, use a three conductor unshielded cable between master and each remote. For an all-master system, the total number of unshielded conductors common to all stations is one more than the total number of masters in the system; i.e., a six-master system will be interconnected with a seven-conductor unshielded cable.

CABLE PRICES PER 100' FOR BOGEN INTERCOMS

| Stock No. | Desc. | Shpg. wt. per 100' | per ft. | per 100 ft. |
|-----------|----------|--------------------|---------|-------------|
| WR-115 | 3 Cond. | 3 lbs. | .07 | 2.45 |
| WR-116 | 5 Cond. | 3 1/2 lbs. | .07 | 3.65 |
| WR-117 | 7 Cond. | 4 lbs. | .07 | 5.25 |
| WR-118 | 9 Cond. | 5 1/2 lbs. | .07 | 5.78 |
| WRC-45 | 12 Cond. | 6 lbs. | .07 | 5.88+ |
| WRC-46 | 18 Cond. | 7 lbs. | .095 | 7.94+ |

*Available only in 100 ft. coils.
+For lengths over 100 ft. use 100 ft. price as base.

BOGEN TELEPHONE INTERCOM EQUIPMENT



TQ-6, TQ-12

T-Q SERIES COMMON TALKING-SYSTEMS

- RELIEVE REGULAR TELEPHONE LINES
- REACH ANYONE IN YOUR OFFICE INSTANTLY
- NO DIALING; JUST PUSH A BUTTON



TQ-1-B

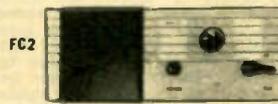
Bogen-Phones are the perfect answer to tied-up switchboards. Wonderful for inter-office calling while holding customers on the regular telephone line. Just press a button... a buzzer sounds at the station or stations called. You are instantly connected when the receiver there is lifted. Selective ringing, common talking, allowed. Only 1 conversation at a time. "Conference" feature lets you talk to as many stations at once as there are receivers in the system. Three models are available to handle up to 13 stations. All stations are housed in impact-resistant gray plastic. Rubber feet on the base prevent sliding. Each handset has a 4 ft. cord, self-coiling to prevent snarling. Each station is supplied with a 6 ft. master cable and a junction box for easy wiring and supplied ready for desk or wall mounting. An adhesive push-button-directory tape is supplied with each station.

PA-350 (TQ-1-B) operates on 4 self-contained flashlight batteries (2 for each phone). The 6 and 12 button models operate on 110 VAC and require use of power supply listed below. Shpg. wt., 5 lbs. per unit.
PA-350 TQ-1-B 1-Button, 2 Station Twin-Phone System with 50 ft. of cable less batteries Net 47.40
PA-341 TQ-6 6-Button, 7 Station Handset (up to 7 may be used in a system) Less wired Net each 20.95
PA-349 TQ-12 12-Button, 13 Station Handset (up to 13 in a system) Less wired Net each 25.70
PA-342 PRS-1 Power Supply for TQ-6 and TQ-12. Shpg. wt., 4 lbs. Net 22.50
BA-157 "D" Cell for TQ-1-B (4 req.) Net each .13

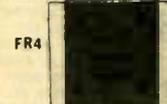
WIRE REQUIREMENTS FOR TQ SERIES

Use 3 conductor unshielded cable for connecting PRS-1 power supply to system of phones (connected at any junction box in system). Cable listed below is for "between-phone" use.
WR-115 3 COND. Shpg. wt., 3 lbs. in 100 ft. coils only. Net per coil 2.45
WRC-45 12 COND. Shpg. wt., 6 lbs. 100 ft. per ft. .07 100 ft. up, per 100 ft. 5.88
WRC-46 18 COND. Shpg. wt., 7 lbs. 100 ft. per ft. .095; 100 ft. up, per 100 ft. 7.94

BOGEN "HOME COMMUNO-PHONE" INTERCOM



FC2



FR4



FR5



PS1LB

Two-way intercom system for built-in mounting in walls for up to 10 stations (up to 6 masters and 4 remotes, or 1 master and up to 9 remotes). Masters may call any other station and may monitor other masters, as well as remotes. Separate power supply amplifier automatically returns to "stand-by" when system is not used—draws practically no power. Back boxes, separately available, permit buying in stages. They may be installed during house construction, with intercom units just slipped in when house is finished.
FC2 MASTER STATION With Volume, Function and Selector switches. 11 1/2" wide x 4 1/2" high. Shpg. wt., 2 1/2 lbs. Net 15.45
PA-185 Net 15.45
PA-186 RBFC2 REAR BOX For FC2, 10 3/4"wx3 1/4"hx3 3/4"d. Wt., 1 1/2 lbs. Net 2.93
FR4 REMOTE STATION With beige and brown finish. 5 1/2"wx4 1/2" h. Net 7.20
PA-191 Shpg. Wt., 1 1/2 lbs.

PA-187 FR5 REMOTE STATION As above, but with push-button for doorbell. Net 8.10
RBR BACK BOX For remotes. 4 3/4"wx3 3/4"hx2 1/4"d. Shpg. wt., 1 lb Net 2.06
PA-188 Net 2.06
PS1LB POWER SUPPLY AMPLIFIER One required for each system. For 110-120 VAC 15 watts (1 watt standby). With master On-Off switch. Panel 10hx10" w. Shpg. wt., PA-189 Shpg. wt., 6 lbs. Net 30.90
PA-190 RBPS BACK BOX Net 4.50
For Power Supply 8x8x4" deep. Wt., 5 lbs.
WIRING REQUIREMENTS (1) Run a cable common to all masters. Use 4 twisted pairs plus one pair for each station (remotes and masters). (2) Run 3 pair cable from power supply to nearest master. (3) Run 1 pair cable from each remote to nearest master. (4) Connect Power supply to AC power line.
WR-12 1 pair, 100 ft. coils only, net per coil .89
WRC-43 2 pair, per ft. .035; per 100' up 2.89
WRC-44 3 pair, per ft. .05; per 100' up 3.82
WRC-45 6 pair, per ft. .07; per 100' up 5.88
WRC-67 11 pair, per ft. .13; per 100' up 10.73

FANON-MASCO

INTERCOM SYSTEMS

FLUSH-WALL AM-FM RADIO INTERCOM SYSTEM



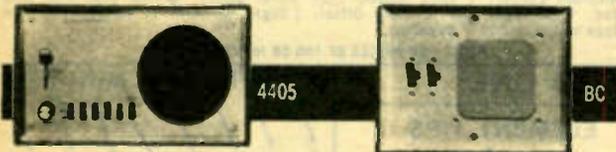
Model 5509 beautifully styled master radio intercom system provides up to 9 remotes for Hi-Fi AM or FM reception plus phono music or voice throughout your home. Remotes can call each other by switching at master and master and remote can call each other at any time. Each remote has volume control. Sensitive, noise free, wide band AM-FM Tuner with AFC. AMP. rated at 2 watts, has 7 tubes, 2 diodes, 1 silicon rectifier. Master map monitor all remotes. Inputs for tape or record player. Satin chrome finish. Front panel: 15 1/2 x 11". Rough-in dimen: 13 7/8 x 5 7/8" D. Supplied with back box. Shpg. wt., 12 1/2 lbs.
PA-388WX No Money Down Net 104.95
Model 56 Indoor Remote for 5509 — High styled indoor remote with back box, talk-listen switch and volume control. 5" speaker, satin chrome finish. Panel: 6 x 8 1/2". Rough-in dimen: 4 7/8 x 8". Shpg. wt., 2 1/2 lbs.
PA-389 Net 9.75
Model BD. Flush wall remote with back box for outdoor use.
PA-199 Shpg. wt., 2 lbs. Net 5.95
Model BDR Flush Wall Mount Remote — Same as BD, with bell push-button.
PA-200 Shpg. wt., 2 1/2 lbs. Net 7.50

TRANSISTORIZED FLUSH WALL SYSTEM

Model 4405 Transistorized Intercom System ideally suited for home use; for 2-way conversations, monitoring, and door answering service. Will control up to 5 remote stations. Remote can signal master by pressing "Talk-Listen" switch. "Battery-Saver" switch provides limited battery drain for monitoring. Operates from 9 volt battery. Complete with plaster back box for mounting. Size: 11 1/2 x 5 3/8".
PA-210 Shpg. wt., 5 lbs. Net 35.25
BC Flush Wall Mount indoor remote for \$44.05. With back box. Net 5.95
PA-197 Shpg. wt., 1 lb., 10 oz. Net 5.95
BJ Same as BC except with phono jack. Shpg. wt., 1 lb. Net 8.95
PA-198 Net 8.95
BO Flush Wall Mount remote, for outdoor use, with back box.
PA-199 Shpg. wt., 1 lb. Net 5.95
BDR Flush Wall Mount remote, same as BD, with Bell Button.
PA-200 Shpg. wt., 1 lb. Net 7.50
BA-182 9 volt battery for 44.05 Net 1.26

WIRING REQUIREMENTS

For 5509 — Separate 3 conductor unshielded wire for each remote used.
WR-115 In 100 ft. coils only. Shpg. wt., 2 lbs. Net 2.45
 For 4405 — Separate 3 conductor (1 shielded, 2 unshielded for each remote used).
WR-265 In 100 ft. coils only. Shpg. wt., 2 lbs. Net 4.74



FANON-MASCO 2-STATION INTERCOM

Ideal as a "baby-sitter." Provides modern communication between offices, departments, living quarters, etc. Remote has "talk-listen" switch for privacy where required. Master unit has volume control, on/off switch, separate press-to-talk switch and pilot light. Cabinets of 2 tone beige styrene. Supplied with 50 ft. of cable. Size of each station, 8x4x4". Shpg. wt., 6 lbs.
PA-208 Fanon FX-2B Net 23.90
PA-209 Fanon FS-B (extra Remote) also supplied with 50 ft. of cable Net 7.95
WR-115 additional cable per 100 feet. Shpg. wt., 1 lb. per 100' Net 2.45

FX-2B Net 23.90
FS-B Net 7.95

MODEL RB-1 FANON-MASCO WIRELESS ELECTRONIC NURSE

1495 • NO INSTALLATION • NO WIRING • JUST PLUG IN • COMPLETELY PORTABLE

No installation — completely portable — just plug in and flick the switch. Wireless Electronic Nurse then picks up any sound in its vicinity and transmits to your radio, up to 300 feet away. Use with any radio set—home, car, portable, transistor. Use the Electronic Nurse anywhere—at home, visiting neighbors, working outdoors, even sitting in your automobile. Your baby is absolutely safe, anytime. Adjustable to any clear radio channel between 1100 and 1600 kc. Tubes: 12AX7, 50C5, selenium rectifier. Controls Power ON-OFF and pilot light. Power 18 watts at 110-120 volts AC or DC. Size 8 1/4 x 4 1/2 x 3 3/4". Attractively finished metal case. Shpg. wt., 4 lbs.
PA-215 Net 14.95

FANON-MASCO MULTI STATION INTERMIX INTERCOM MODEL FIM 12B



Can use up to 6 Masters and up to 36 Remotes in Master-to-Master and Master-to-Remote Intermix system; 1 Master and up to 11 remotes in Master-to-Remote system only; up to 12 Masters in Master-to-Master system only; FC remote has talk switch and can call master only. On private operation, remote must depress switch to talk. The FC-6 Remote can be connected to up to 6 different Masters. The FIM-12 Master has a volume control with on-off switch, a 12-station rotary selector switch with "Stand-by" position, and a spring-return Talk-Listen switch with "Dictate" position for extended talking. Master power output — 2 1/2 watts. Hum and noise are extremely low. For 117 volts AC or DC. Dimensions: Masters and Remotes, 8x4x4" 2 tone beige styrene. Shpg. wt., Master: 4 lbs. Remote: 2 1/2 lbs.
PA-203 FANON FIM-12B Master Net 31.20
PA-204 FANON FC-6 Remote Net 8.40
PA-205 FANON FC-6B Remote Net 13.20

WIRE REQUIREMENTS

1. For interconnecting the masters, use twisted pairs of wires; the number of pairs being the same as the total number of masters in system.
 2. For interconnecting masters with FC-6B remotes, use twisted pairs of wires; the number of pairs being equal to the sum of the masters and FC-6B remotes which communicate with each other.
WR-12 2 conductor twisted with plastic installation. Shpg. wt., 2 lbs. In 100 ft. coils only. Net per coil. Net .89
 3. For interconnecting a master with FCB remotes, use a cable consisting of one shielded conductor and a number of individual conductors; the number of individual conductors being the same as the number of FCB remotes.
WR-265 3 wire with 1 wire shielded. Shpg. wt., 3 lbs. per 100 ft. Net 4.74

FANON-MASCO DUAL PURPOSE 6 STATION MASTER



FX-6B Econotone — A dual purpose master, for use with up to five FC remotes in a Master-to-Remote system, or up to six masters in an All Master system. Five individual station selector switches. "Dictate-Talk-Listen" switch. In all master systems, 3 private conversations or conference of all stations may be held. 3 tubes. 30 watts power consumption. Weight 6 lbs. Size: 8 3/4 x 4 3/4 x 5 3/4" — two-tone beige styrene.
PA-213 FX-6B Net 23.90
PA-204 FCB remote Net 8.40

HEAVY DUTY 6 AND 11 STATION MASTERS



Six and Eleven Station Masters—IJM-5 and IJM-10. These famous dual-purpose masters are designed for both master-to-remote and master-to-master operation. Heavy duty die-cast cabinets in durable enamel finish. IJM-5 can be used with up to 5 other masters or remotes. IJM-10 all-master system can carry on up to 5 separate conversations at the same time. Units have "All-Call" position. Pushbar "talk-listen-lock" position; output 2 1/2 watts, 3 tubes. Size each 7 1/2 x 6 3/4 x 5 1/2". Shpg. wt., 7 lbs.
PA-385 IJM-5 six station master Net 33.00
PA-386 IJM-10 eleven station master Net 38.25

REMOTES FOR USE WITH ABOVE IJM-5 and IJM-10

PA-387 JL remote, less talk-listen switch, 3 1/2 lbs. Net 10.68
PA-214 JR remote, with talk-listen switch, 3 1/2 lbs. Net 11.35

WIRING REQUIREMENTS FOR FX-6B, IJM-5, IJM-10

Master-Master use a multi-wire cable from 1st station and end with the last, using 1 wire more than total number of stations. Master to remote-use above or separate 3 conductor cable to each remote in system.
WR-115 3 conductor—100 ft. coils only. Shpg. wt., 2 lbs. Net per coil 2.45
WR-117 7 conductor—100 ft. coils only. Shpg. wt., 4 lbs. Net per coil 5.25
WRC-45 12 conductor. Shpg. wt., 6 lbs. 100 ft. per ft. .07; 100 ft. up per 100 ft. Net 5.88

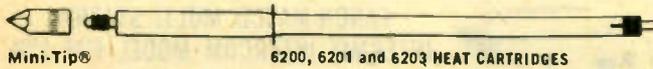
WIRELESS INTERCOMS

Homes — Nurseries — Stockrooms — Offices
Model FW-40 2-station transistorized wireless intercom. Extremely sensitive, this new system is free from hum or noise due to an exclusive Fanon-Masco squelch circuit. In addition, a special AC transformer power supply is used in each unit to insure complete separation between power line and the intercom chassis. Plugs into AC outlet. No warmup period required. No shock—no heat—safe around children. SPECS: RF output — 150 mw audio output: 120 milliwatts; 3 transistors, 1 crystal diode and 1 full-wave selenium rectifier; 3 1/2" speaker. Durable high impact styrene case finished in beige with black and gold appointments. Overall size: 8 3/4 x 4 3/4 x 5 3/4" D. For 105-125V AC
PA-211 FW-40 complete 2-station system Shpg. wt., 7 lbs. Net 53.95
Model FW-41 Additional Single Station Net 27.75
Model FW-50B 2 Station Wireless Intercom. A deluxe 4-tube unit for 105-125V AC or DC. Size: 8x4x4". Shpg. wt., 7 lbs.
PA-206 Fanon-Masco FW-50B 2-station wireless Net 62.95
PA-207 Fanon-Masco FW-51B Extra station. Shpg. wt., 3 1/2 lbs. Net 32.25

NEW IMPERIAL



A "CUSTOM" SYSTEM OF SOLDERING INSTRUMENTS



Mini-Tip®

6200, 6201 and 6203 HEAT CARTRIDGES



6100 HANDLE



CORD SETS

INTERCHANGEABLE CORD SETS (WITH PLUG)

Instantly adapts iron to any 2 or 3 wire outlet. Wire is 6' long, 18 ga. 65 strands copper.

| Stock No. | Mfg. Type | Watts | 1-9 | 10-99 | 100-up |
|--------------|-----------|-------|------|-------|--------|
| HC-16 | 6102 | 2* | 1.28 | 1.07 | .96 |
| HC-19 | 6103 | 3† | 2.08 | 1.73 | 1.56 |
| HC-22 | 6104 | 3† | 1.92 | 1.60 | 1.44 |
| BEIGE | | | | | |
| HC-17 | 6102 | 2* | 1.28 | 1.07 | .96 |
| HC-20 | 6103 | 3† | 2.08 | 1.73 | 1.56 |
| HC-23 | 6104 | 3† | 1.92 | 1.60 | 1.44 |
| IVORY | | | | | |
| HC-18 | 6102 | 2* | 1.28 | 1.07 | .96 |
| HC-21 | 6103 | 3† | 2.08 | 1.73 | 1.56 |
| HC-24 | 6104 | 3† | 1.92 | 1.60 | 1.44 |

*With Standard 2-Wire Plug; †Parallel Ground Plug; ‡Stripped End.

"PERMA-COOL" HANDLES

Three cool pastel colors; virtually indestructible finely ribbed handles. Die-cast aluminum heat sink built in. U/L approved. 0.8" O.D. at grip; 4.7" lgth. Wt. 1 oz.

| Stock No. | Color | 1-9 | 10-99 | 100-up |
|-----------|-----------|------|-------|--------|
| HC-10 | Ivory | 1.28 | 1.07 | .96 |
| HC-11 | Beige | 1.28 | 1.07 | .96 |
| HC-12 | Turquoise | 1.28 | 1.07 | .96 |

New reduced watt density; stainless steel, sealed cartridge, interchangeable; threaded. U/L approved — 7½" lgth; .363" dia. 1.1 oz. — Color coded.

| Stock No. | Mfrs. No. | Watts | 1-9 | 10-99 | 100-up |
|-----------|-----------|-------|------|-------|--------|
| HC-13 | 6200 | 40 | 3.12 | 2.60 | 2.34 |
| HC-14 | 6201 | 30 | 3.12 | 2.60 | 2.34 |
| HC-15 | 6203 | 25 | 3.12 | 2.60 | 2.34 |

UNGAR KLEEN TIP

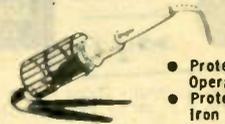


The most effective method for removing oxidation and cleaning soldering tips. Clean tips last twice as long! KLEEN-TIP eliminates burning rags, flying solder. Complete with phenolic tray, 2 specially processed sponges and bracket for attaching to work bench. Shpg. wt., 6 oz.

ANTI-SEIZE LUBRICANT

Lengthens soldering tip and heating unit life. Guards against freezing; protects against corrosion. 2 oz. can.

SOLDERING IRON HOLDER



- Protects the Operator
- Protects the Iron

Protects operator against "hot tip" burns; protects iron against breakage. Attaches easily to top or underside of bench, or to wall. Angle adjusts to your convenience. Shpg. wt., 8 oz.

| Stock No. | 1-9 | 10-99 | 100-up |
|-----------|------|-------|--------|
| HC-67 | 1.60 | 1.43 | 1.30 |
| HC-777 | 1.57 | 1.30 | 1.20 |

42 INTERCHANGEABLE MINI-TIP® THREAD-ON UNITS

Completely interchangeable with the Imperial line (not interchangeable with Ungar "Standard Line"). Thread onto heat cartridge (either 25, 30 or 40 watt models) with fingertip ease.

| Stock No. | Ungar No. | Shape | Size in. O.D.xL. | Temp. (°F) With Cartridge Rated | | | Net Each. | |
|-----------|-----------|---------------------|------------------|---------------------------------|-----|-----|-----------|--------|
| | | | | 25W | 30W | 40W | 1-9 | 10-99 |
| HC-25 | 6304 | ◆Micro-chisel* | 3/8x 1/2 | 750 | 800 | 890 | \$0.80 | \$0.67 |
| HC-26 | 6305 | ◆Micro-spade* | 3/8x 1/2 | 750 | 800 | 800 | .80 | .67 |
| HC-27 | 6312 | †Pencil | 1/4x 3/4 | 750 | 800 | 910 | .28 | .23 |
| HC-28 | 6313 | ◆Pencil | 1/4x 3/4 | 690 | 750 | 860 | .80 | .67 |
| HC-29 | 6315 | †Offset pencil | 1/4x 3/4 | 750 | 800 | 890 | .28 | .23 |
| HC-30 | 6316 | ◆Offset pencil | 1/4x 3/4 | 690 | 750 | 860 | .80 | .67 |
| HC-31 | 6318 | †Long taper chisel | 1/4x 3/4 | 750 | 800 | 890 | .28 | .23 |
| HC-32 | 6319 | ◆Long taper chisel | 1/4x 3/4 | 690 | 750 | 860 | .80 | .67 |
| HC-33 | 6324 | †Long taper pyramid | 1/4x 3/4 | 750 | 800 | 890 | .28 | .23 |
| HC-34 | 6325 | ◆Long taper pyramid | 1/4x 3/4 | 690 | 750 | 860 | .80 | .67 |
| HC-35 | 6330 | †Screwdriver | 1/4x 3/4 | 750 | 800 | 890 | .28 | .23 |
| HC-36 | 6331 | ◆Screwdriver | 1/4x 3/4 | 690 | 750 | 860 | .80 | .67 |
| HC-37 | 6333 | ◆Needle | 1/4x 3/4 | 690 | 750 | 860 | .80 | .67 |
| HC-38 | 6335 | †Spade | 1/4x 3/4 | 750 | 800 | 910 | .28 | .23 |
| HC-39 | 6336 | ◆Spade | 1/4x 3/4 | 690 | 750 | 860 | .80 | .67 |
| HC-40 | 6365 | †Long taper chisel | 3/8x 3/4 | 760 | 810 | 910 | 1.00 | .83 |
| HC-41 | 6366 | ◆Long taper chisel | 3/8x 3/4 | 680 | 730 | 850 | 1.00 | .83 |
| HC-42 | 6368 | †Long taper pyramid | 3/8x 3/4 | 760 | 810 | 910 | .28 | .23 |
| HC-43 | 6369 | ◆Long taper pyramid | 3/8x 3/4 | 680 | 730 | 850 | 1.00 | .83 |
| HC-44 | 6371 | †Screwdriver | 3/8x 3/4 | 760 | 810 | 910 | .28 | .23 |
| HC-45 | 6372 | ◆Screwdriver | 3/8x 3/4 | 680 | 730 | 850 | 1.00 | .83 |
| HC-46 | 6373 | †Slotted | 3/8x 3/4 | 760 | 810 | 910 | .80 | .67 |

| Stock No. | Ungar No. | Shape | Size in. O.D.xL. | Temp. (°F) With Cartridge Rated | | | Net Each. | |
|-----------|-----------|----------------------|------------------|---------------------------------|-----|-----|-----------|-------|
| | | | | 25W | 30W | 40W | 1-9 | 10-99 |
| HC-47 | 6381 | †Long taper chisel | 3/8x 1/2 | 680 | 720 | 800 | .28 | .23 |
| HC-48 | 6382 | ◆Long taper chisel | 3/8x 1/2 | 600 | 650 | 750 | 1.00 | .83 |
| HC-49 | 6383 | †Offset 6381 | 3/8x 1/2 | 680 | 720 | 800 | .28 | .23 |
| HC-50 | 6384 | ◆Offset 6382 | 3/8x 1/2 | 600 | 650 | 750 | 1.00 | .83 |
| HC-51 | 6389 | †Screwdriver | 3/8x 1/2 | 680 | 720 | 800 | .28 | .23 |
| HC-52 | 6390 | ◆Screwdriver | 3/8x 1/2 | 600 | 650 | 750 | 1.00 | .83 |
| HC-53 | 6403 | †Short taper chisel | 1/4x 3/4 | 800 | 850 | 950 | .28 | .23 |
| HC-54 | 6406 | †Short taper chisel | 1/4x 3/4 | 740 | 770 | 850 | .80 | .67 |
| HC-55 | 6407 | †Short taper pyramid | 1/4x 3/4 | 800 | 850 | 950 | .28 | .23 |
| HC-56 | 6410 | †Long taper chisel | 1/4x 3/4 | 740 | 770 | 850 | .80 | .67 |
| HC-57 | 6423 | †Long taper chisel | 1/4x 3/4 | 750 | 800 | 900 | .28 | .23 |
| HC-58 | 6424 | ◆Long taper chisel | 1/4x 3/4 | 680 | 730 | 850 | 1.00 | .83 |
| HC-59 | 6427 | †Long taper pyramid | 1/4x 3/4 | 750 | 800 | 900 | .28 | .23 |
| HC-60 | 6428 | ◆Long taper pyramid | 1/4x 3/4 | 680 | 730 | 850 | 1.00 | .83 |
| HC-61 | 6473 | †Long taper chisel | 3/8x 3/4 | 780 | 820 | 910 | .28 | .23 |
| HC-62 | 6474 | ◆Long taper chisel | 3/8x 3/4 | 670 | 730 | 840 | 1.00 | .83 |
| HC-63 | 6476 | †Long taper chisel | 3/8x 3/4 | 670 | 710 | 800 | .80 | .67 |
| HC-64 | 6477 | †Long taper pyramid | 3/8x 3/4 | 780 | 820 | 910 | .28 | .23 |
| HC-65 | 6478 | ◆Long taper pyramid | 3/8x 3/4 | 670 | 730 | 840 | 1.00 | .83 |
| HC-66 | 6480 | †Long taper pyramid | 3/8x 3/4 | 670 | 710 | 800 | .80 | .67 |

†Tellurium Copper; ‡Solid ARMC0 Iron, Silver plated; ◆Iron Clad 25K Gold Plated; *User can bend to make Offset; ‡Slight variation in voltage and line voltage will give ±25°F deviation.

776 SOLDERING HANDLE

Meets every industrial soldering requirement. Virtually fatigue-free—lightweight and desirably cool. New spring socket holds tip firmly for full electrical contact. Ceramic and glass insulator keeps handle temperature way down. Soft-touch cork grip for all-day comfort. Plated socket terminals; stainless steel heat deflector; octagon guard wash; therm-stabilized phenolic housing. UL approved, 6-ft. insulated cord with conforming cord protector. Overall length 5". Shpg. wt., 4 oz.

Net ea 1.18
Lots of 10, each .96

DE-SOLDERING TIPPLETS

Will remove components 70% faster than ordinary iron tips by melting solder on all terminals simultaneously. All De-Soldering Tipplets are used with Ungar. 4045 heating Unit. Shpg. wt., 2 oz.

| Stock No. | Type | Fig. | Description | 1-9 | 10 up |
|-----------|------|------|-----------------------|-----|-------|
| HD-754 | 854 | A | 1" Cup tiplet | | |
| HD-755 | 855 | A | 3/4 Cup tiplet | | |
| HD-756 | 856 | A | 3/4 Cup tiplet | .59 | .48 |
| HD-757 | 857 | B | Slotted tiplet | | |
| HD-758 | 861 | D | Triangle tiplet | | |
| HD-759 | 862 | E | Offset Slotted tiplet | | |
| HD-760 | 863 | F | Cube tiplet | | |

UNGAR "STANDARD LINE"

HEATING UNITS

HEATING UNITS. For use interchangeably with any tiplet except * for 800 and † for 100 series only. Iron base, silver plated. Av. shpg. wt., 2 oz. For 115V, AC-DC.

| Stock No. | Type | Description | Fig. | 1-9 | 10 up |
|-----------|-------|----------------------------|------|------|-------|
| HD-775 | 4045* | Super HI-Heat 850° 47½ W A | 2.35 | 1.91 | |
| HD-771 | 4035 | Super HI-Heat 850° 47½ W A | 2.35 | 1.91 | |
| HD-773 | 4037† | HI-Speed 900° 47½ W B | 2.35 | 1.91 | |
| HD-766 | 1235 | HI-Heat 750° 37½ W A | 1.18 | .96 | |
| HD-748 | 535 | Standard 650° 23½ W A | .98 | .79 | |
| HD-768 | 1237† | HI-Speed 900° 37½ W B | 1.18 | .96 | |

DE-SOLDERING KIT Model 270

Designed for safe de-soldering printed circuits. Kit consists of 7 specialized components, including basic super hi-heat pencil unit, delivering up to 850°F; slotted tiplet; rectangular de-soldering tiplet; and 4 circular de-soldering tiplets. In sturdy metal case.

HD-447 Shpg. wt., 2 lbs. Net 4.65

ELEMENT TIPS

4000 Series, Super HI-Heat. 900°-1000°F tip temperature. 47½ watts for heavy duty use. Tellurium copper base, plated with iron and pure silver. For 115V, AC-DC. Av. shpg. wt., 5 oz.

| Stock No. | Type | Fig. | Description | 1-9 | 10-Up |
|--|--------|------|-------------|------|-------|
| HD-770 | 4033 A | 1/4" | Chisel | 2.35 | 1.91 |
| HD-772 | 4036 B | | Pyramid | 2.35 | 1.91 |
| HD-774 | 4039 A | 3/4" | Chisel | 2.35 | 1.91 |
| 1200 Series, HI-Heat. 750°-800°F tip temperature. 37½ watts for medium duty use. Silver-plated solid Armo pure iron. *Copper tip. For 115V, AC-DC. Av. shpg. wt., 3 oz. | | | | | |
| Stock No. | Type | Fig. | Description | 1-9 | 10 up |
| HD-765 | 1233* | A | 1/4" Chisel | 1.18 | .96 |
| HD-767 | 1236 B | | Pyramid | 1.18 | .96 |
| HD-769 | 1239 A | 3/4" | Chisel | 1.18 | .96 |
| HD-778 | 1333 A | 1/4" | Chisel | 1.18 | .96 |
| 800 Series, Standard. 650°-750°F tip temperature. 23½ watts for general purpose use. Tellurium copper tip. For 115V, AC-DC. Av. shpg. wt., 3 oz. | | | | | |
| Stock No. | Type | Fig. | Description | 1-9 | 10-Up |
| HD-747 | 533 A | 1/4" | Chisel | .98 | .79 |
| HD-749 | 536 B | | Pyramid | .98 | .79 |
| HD-750 | 539 A | 3/4" | Chisel | .98 | .79 |

TIPPLETS AND MINI-TIPS

New thread-in and thread-on soldering tips. Made of super tough copper alloy. The PL series is iron clad and silver plated, others are unplated. The 100 series Mini-Tips, 1/4" O.D., are used with 1237 and 4037 units only. The 300 series tipplets, 1 1/8" O.D., are used with heating units 535, 1235, 4035. The 800 series Tipplets, 3/8" O.D. for high heat transfer, are used with the 4045 unit. 833 and 834 1 1/4" L., 823 and 824 are 1" L. Avg. shpg. wt., 2 oz.

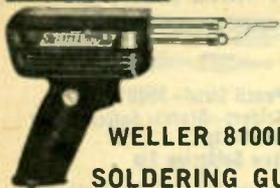
| Stock No. | Model | Fig. | Type | 1-9 | 49 | 50-Up |
|-----------|--------|------|---------|-----|-----|-------|
| HD-737 | PL 111 | A | Pencil | .59 | .49 | .45 |
| HD-738 | PL 113 | B | Chisel | .59 | .49 | .45 |
| HD-743 | PL 331 | C | Pencil | .47 | .39 | .36 |
| HD-744 | PL 332 | D | Offset | .47 | .39 | .36 |
| HD-745 | PL 333 | E | Chisel | .47 | .39 | .36 |
| HD-746 | PL 338 | F | Needle | .47 | .39 | .36 |
| HD-776 | PL 340 | G | Micro | .47 | .39 | .36 |
| HD-761 | PL 823 | H | Pyramid | .47 | .39 | .36 |
| HD-762 | PL 824 | E | Chisel | .47 | .39 | .36 |
| HD-763 | PL 833 | E | Chisel | .78 | .65 | .60 |
| HD-764 | PL 834 | D | Offset | .78 | .65 | .60 |
| HD-735 | 111 | A | Pencil | 20 | 17 | 15 |
| HD-736 | 113 | B | Chisel | 20 | 17 | 15 |
| HD-739 | 331 | C | Pencil | 18 | 13 | 12 |
| HD-740 | 332 | D | Offset | 18 | 13 | 12 |
| HD-741 | 333 | E | Chisel | 18 | 13 | 12 |
| HD-752 | 823 | H | Pyramid | .16 | .13 | .12 |
| HD-753 | 824 | E | Chisel | .16 | .13 | .12 |

Weller

WEN

ORYX

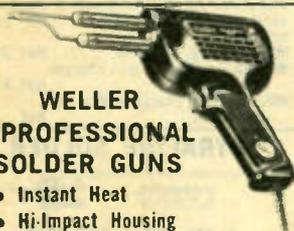
SOLDERING IRONS AND GUNS



**WELLER 8100B
SOLDERING GUN**

New soldering gun rated at 125 watts. Features instant heating in 5 seconds. Trigger switch for fast on and off control. Also pre-focused spot light to assist your solder work. Tips are long life and easily replaceable. Shpg. wt., 2 1/2 lbs.

HD-803 Net ea. 4.73
Lots of 3, ea., 4.42 Lots of 12, ea. 4.20



**WELLER
PROFESSIONAL
SOLDER GUNS**

- Instant Heat
- Hi-Impact Housing

New High Wattage Guns—these latest model guns have everything! Increased wattage—dual spotlights—rugged plastic case—featherweight balance. Come equipped with cord, plug and one tip. 145-210 volts AC 60 cycles. Model D440. Dual-heat type. 100-150 watts. Shpg. wt., 3 lbs.

HD-794 Net ea. 9.52
Lots of 3, ea., 8.47 Lots of 12, ea., 8.04
Model D-550. Dual-heat type 240-325 watts. Shpg. wt., 3 3/4 lbs.
HD-795 Net ea. 11.71
Lots of 3, ea., 10.53 Lots of 12, ea., 9.96

825DA 275 WATT GUN

Single heat 275 watt heavy duty. Same features as model D550 above, but single heat. Shpg. wt., 4 lbs.

HD-806 singly each Net 9.52
Lots of 3, ea., 8.47 Lots of 12, ea., 8.04

**WELLER MAGNASTAT
SOLDERING IRONS**



New Magnastat temperature control in tip prevents overheating—constantly maintains proper soldering temperature. Result—more reliable soldering. Less down time, too, because tip redressing is minimized. All magnastat soldering irons are guaranteed against defects in material and workmanship. For 110/120 V 50-60 cyc. AC. Avg. shpg. wt., 12 ozs.

| Stock No. | Type No. | Watts | Net ea. | Lots of 6 | Lots of 24 |
|-----------|--------------|-------|---------|-----------|------------|
| HD-808 | TC552-2.5 | 55 | 6.61 | 5.88 | 5.29 |
| HD-809 | TC602-2.6 | 60 | 7.35 | 6.54 | 5.88 |
| HD-810 | TC552-3.5* | 55 | 7.35 | 6.54 | 5.88 |
| HD-811 | TC602-3.6* | 60 | 8.08 | 7.19 | 6.47 |
| HD-812 | TC1202-3.12* | 120 | 9.19 | 8.17 | 7.43 |

*Have a 3 wire grounding cord.

REPLACEMENT MAGNASTAT TIPS

Average shpg. wt., 3 ozs.

| Stock No. | Type No. | For Iron | Size | Net ea. |
|-----------|------------|----------|------|---------|
| HD-813 | 5-C1N-700 | TC552 | 1/8" | .56 |
| HD-814 | 6-E1N-700 | TC602 | 3/4" | 1.12 |
| HD-815 | 12-G4N-700 | TC1202 | 3/4" | 1.49 |

**8250AK
"EXPERT"
SOLDERING
KIT**



- 275 Watts 10.99

Here's everything you need for hundreds of homecraft and hobby jobs. Does all the many electrical soldering jobs around the home and shop—plus plenty of heat for sheet metal—pots—pans—cans—etc. Cut plastic tiles—repair plastic toys. Kit includes 275 watts instant heat dual spotlite Weller gun—ample supply of Kester solder—soldering tip—smoothing tip—cutting tip—tip interchange wrench—two instruction booklets—sturdy metal case for convenient storage. Shpg. wt., 7 lbs.

HD-807 Net ea. 10.99
Lots of 3, ea., 9.77 Lots of 12, ea., 9.29

**8200K DUAL
HEAT KIT**

Instant switching to high or low heat. Saves time—longer tip life. Instant heating clear to the tip. Prefocused spotlight illuminates work. Guaranteed for one year. Kit includes dual heat, 100-140 watts soldering gun—solder—wire brush—soldering aid. U.L. approved. 110-120V. AC only. Shpg. wt., 2 1/2 lbs.

HD-805 Net ea., 5.83
Lots of 3, ea., 5.19 Lots of 12, ea., 4.94



**WELLER
WK81
SOLDERING
SET**

Contains 8100B 125 Watt gun shown above left and Kormat solder dispenser which handles wire sizes .028" to .074". Shpg. wt., 3 1/2 lbs.

HD-820 Net ea., 6.14
Lots of 3, ea., 6.50 Lots of 12, ea., 7.31

REPLACEMENT TIPS

Avg. shpg. wt., 3 oz.
No. 7135. For light-duty, models WS-100, WD-135, S-400, D-440 and 8100. Net .25
No. 7250. For models WS-200, WD-250, S-500, D-550 and 8250A. Net .35
No. 801 Pkg. of 2 Net .35
No. 7550. Long life tip for same models as above.
HD-821 Pkg. of 2 Net .49
No. 7300. Chisel tip. For use only in older models B, S107 and D-207.
HD-802 Pkg. of 2 Net .25
No. 6130. Cutting tip. Cuts plastic tile, etc. For models WS-200, WD-250, S-500, D-550, 8250A. Net .35
HD-798 Net .35
No. 6110. Cutting tip. For WS-100, WD-135, S-400, D-440, 8100/B, 8200. Net .35
HD-796 Net .35
No. 6140. Smoothing tip. For heat sealing plastic. For models WS-200, WD-250, S-500, D-550, 8250A. Net .35
HD-799 Net .35
No. 6120. Smoothing tip. For WS-100, WD-135, S-400, D-440, 8100/B, 8200. Net .35
HD-797 Net .35
No. 8125. Long-Life tip, for models 8100/B, 8200. Net .35
HD-804 Pkg. of 2 Net .35

SOLDERING GUN PARTS

Avg. shpg. wt., 3 oz.
7325. Tip nut for D-440, S-400, 8100, 8100B. Net .15
HD-818 Net .15
7417. Tip nut for S-500, D-550, 8250A. Net .15
HD-817 Net .15
7323. Switch for all single heat models. Net 1.22
HD-818 Net 1.22
7324. Switch for all dual heat models. Net 1.37
HD-819 Net 1.37

NEW!



30 WATT INDUSTRIAL SOLDERING PENCIL

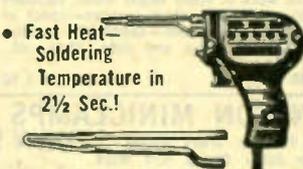
- Built for Continuous Duty
- Lightweight—A Mere 2 Ozs.
- Perfectly Balanced—No Fatigue!
- Exceptionally Cool Running!

Designed specifically for industrial use. Maximum wattage in the lightest-small-est-coolest 30 watt iron available. Nine inches long—weighing a mere 2 ozs. less the cord— for reaching easily into "parts-packed" chassis. Far cooler in

operation than any other 30 watt pencil type iron. Especially suited for precision electronic wiring, small metal parts, jewelry, lights, electrical work, toys, etc. Element of high quality nichrome wire, precision wound on a "double" mica base. Highly stable heating characteristics assure long life and safety in use on precision circuitry. Replaceable screw-in, nickel plated copper tip. 110-120 V AC/DC. Shpg. wt., 8 ozs.
HD-475 Imported Net 1.79
HD-476 Replacement Tip Net .20

WEN "100K" GUN KIT

- Light Weight—Only 19 Ozs.!
- Extra Slim—Only 1 1/4"!



Most efficient transformer-type gun on the market. Only 19 ounces in weight, yet develops full 100 watts of power in just 2 1/2 seconds. Body is gleaming jet black. Replaceable extra long steel-nosed tip. Built in spotlight. Kit includes an extra plastic tile cutting tip and 5 feet of rosin core solder. For 120V 60 Cy. AC. Shpg. wt., 2 1/2 lbs.

HD-851 Net each 5.83
Lots of 3 each 5.19
HD-550 No. 100 Gun only Net 4.66
Lots of 3 each 4.37
HD-551 Tip for Gun Net .34

**HEAVY DUTY 250 WATT
SOLDER
GUN**



- Industrial Standard
- Heats in 3 seconds
- Built-in Spotlight

The standard by which other soldering guns are judged! This heavy-duty model withstands hundreds of hours of continuous use. Heats in 3 seconds; under normal use tip remains tinned indefinitely. Built-in spotlight illuminates even the hardest-to-reach places. Streamlined design is easy to handle. Black high impact shatter proof housing. U.L. approved. 250 watts, 120v. A.C. only. 6 1/2" long overall. Shpg. wt., 4 lbs.

HD-710 Lot of 3 ea., 8.47
Singly ea., 9.52
HD-918 Tip for above Net .17

**ORYX MICROMINIATURE
SOLDERING TWEEZERS**

- Separate Heating Elements
- No Hand Fatigue — Weighs 2 oz.



A newly designed tool for close-quarter precision soldering. Separate 6-watt, long-life heating elements in each arm with 1/8" diameter tips of a nickel-plated copper alloy—easy to replace. The dual heat-source principle helps to eliminate cold points and greatly speeds soldering time. Tweezer finger pressure against the point insures rapid heat conduction. Shpg. wt., 4 oz.
HD-547 TW-6 6-Watt AC/DC Net 14.65
HD-548 TW-12 12-Watt AC/DC Net 14.65

WALL PENCIL IRONS



THERMOSTATIC BRAIN

Built to take "production-line punishment". Quick heating—thermostatic action prevents tip burning. Draws heaviest current to heat—drops to idle current when taken from work. 18HD, industrial type. 25 watts. Weighs only 1 oz. 14T has range of 125 to 40 watts, weighs only 1 1/2 oz. Shpg. wt., 8 oz.
HD-555 18HD 1/8" tip Net 5.78
HD-556 14T 1/4" tip Net 5.78
HD-557 Tip for 18HD wt., 2 oz. Net .14
HD-558 Tip for 14T wt., 2 oz. Net .26

ORYX MINIATURE IRONS



- World's Lightest—Only 1/4 Ounce!
- Incomparable for Transistor Work!
- Only 6" Long!

Heats in 30 seconds—long life—low voltage element. Prevents damage to small assemblies—pin point heat concentration. Sturdy—no ceramic or mica formers. Operates from any 6 volt source—including dry cells, wet cells, filament or step-down transformer. Shpg. wt., 4 oz.

| Stock No. | Type | Watts | Tip | 1.11 | 12 or More |
|-----------|--------|-------|-------|------|------------|
| HD-530 | 6 | 6 | Fixed | 5.34 | 4.85 |
| HD-531 | 6A | 6 | B | 5.34 | 4.85 |
| HD-532 | 9-6 | 8.3 | A | 5.34 | 4.85 |
| HD-533 | 11* | 10 | D | 6.81 | 6.32 |
| HD-534 | 12-6 | 12 | C | 5.34 | 4.85 |
| HD-535 | 18-18 | 18 | F,G | 7.34 | 6.91 |
| HD-536 | 25-12† | 25 | G,H | 7.84 | 7.40 |

* Develops 800° F.
† Develops 1000° F., uses 12 volt source.

Replacement Tips

Type marked * are solid nickel, others are nickel plated copper.

| Stock No. | Type | Size | For Model | Net |
|-----------|------|------|-----------|------|
| HD-537 | A | 3/8" | 6A, 9-6 | .49 |
| HD-538 | B | 3/8" | 6A, 9-6 | .49 |
| HD-539 | C | 3/8" | 12-6 | .49 |
| HD-540 | D* | 3/8" | 12-6 | 1.76 |
| HD-541 | E* | 3/8" | 12-6 | 1.76 |
| HD-542 | F* | 3/8" | 18 | 1.22 |
| HD-543 | G* | 3/8" | 18-25 | 1.81 |
| HD-544 | H | 1/4" | 25 | 2.30 |

6 Volt Transformer

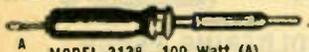
110 volt AC input, 6 volts 3 amp, output. For all 6V. Oryx irons. With cord and iron holder. Shpg. wt., 2 lbs.
HD-545 Type 54203 Net 5.39

12 Volt Transformer

110 volt AC input, 12 volt 2 amp. output. For Model 25 and other 12V. irons. With cord and iron holders. Shpg. wt., 2 lbs.
HD-546 Type 5420 Net 6.32

● ● ● SOLDERING IRONS AND ACCESSORIES ● ● ●

AMERICAN BEAUTY IRONS



MODEL 3138—100 Watt (A)
America's most famous iron for those who want the best. Heavily chrome plated and polished metal parts. Cooling baffles, with stand, 6 ft. cord and 3/4" tip. Length 12 7/8". Shpg. wt., 2 1/4 lbs.
HD-566 7.70
HD-567 No. 3738 Extra 3/4" tip 46
wt., 3 oz.

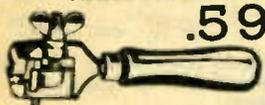
MODEL 3128—60 Watt
Light duty model with 1/4" tip. With cord and stand. Shpg. wt., 1 lb.
HD-568 5.04
HD-569 No. 3728 Extra 1/4" tip 33
wt., 3 oz.

UNGAR ELECTRIC PENCIL SET



MODEL 217
One complete set for home craftsmen and hobbyists. Set contains six interchangeable tips; four for burning and embossing of wood, plastic, leather, cork, etc., and two for soldering. Five sheets of embossing foil, abrasive cloth, complete set of instructions for working wood, plastic, leather and cork. Illustrated catalog of plaques and projects. Heating unit is UL approved and guaranteed for 10,000 hours. Shpg. wt., 1 lb.
HD-448 Net 2.31

HAND VISE



The only practical way to grip and hold small parts and pieces. 1 1/4" die cast jaws open to 7/8". Mounted on a 4" comfortable ferruled wooden handle. Holds work for drilling, marking, filing, sawing, etc. Endless uses in shop and handwork. Shpg. Wt. 1 lb.
HD-96 Net .59

PIN VISE



Has standard 1/4" chuck with 3 hardened jaws. Chuck opening from 0" to 1/4". Set on "easy-grip" ferruled wood handle 4" long. Holds small drills, reamers, screw bits, files, etc. A "natural" for the hobbyist and craftsman. Shpg. wt., 1/2 lb.
HD-95 Net .85

SHOPMATE SPECIAL IRON—60 WATT

An excellent iron for light work. Element wound on porcelain tube. Complete with 6 ft. cord, 3/4" pyramid tip and small stand. Shpg. wt., 2 lbs.
HD-790 DRAKE NO. 315 Each 1.83
HD-791 TIP FOR ABOVE Each .59

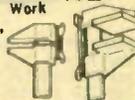
SPECIAL SOLDERING KIT



The "Mighty Mite" soldering kit—does the work of many larger irons. Includes 35 watt iron—steel scraper—spool of solder—iron stand—sandpaper—soldering instructions and data. Shpg. wt., 1 lb.
HD-198 Net 1.10

NYLON MINICLAMPS NEW!

- Reaches Areas Where No Other Clamp Will Work
- For Home, Hobbyists, Electronics, Workshops
- Featherlike—Vise-Like Grip



A completely new, lightweight clamp for those small and impossible clamping jobs. Constructed of tough, durable nylon and as useful as a third hand. Miniclamps are ideal for most soldering jobs requiring normal temperatures, are unaffected by most glues and cements used in model making, etc. The larger Miniclamps are husky enough for heavier jobs. You get 5 clamps (3/4", 1/2", 3/8", 1", 1 1/2" jaw sizes), 4 platens, and rubber binders. Shpg. wt., 6 oz.
HD-649 Net .95

GIZMO—9-WAY COMBINATION TOOL

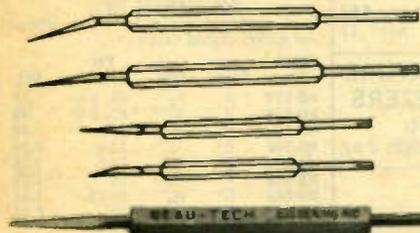
- 9 way Combination tool!
- A tool box in your pocket!



9 handy tools in a compact 4x1" package—plier, cutter, wrench, small screwdriver, large screwdriver, awl, scriber, tack hammer, tack lifter. Screwdrivers can be used offset for leverage, or on end of handle for additional length. For fishing, hunting, auto, workshop, toolroom, etc. With vinyl case. Shpg. wt., 1 1/2 lbs.
HD-666 Net ea. .69; 3 for 1.50

BEAU-TECH SOLDERING AIDS

- No-Slip Handles
- Straight or Angled Tips



Non-slipping, non-rolling "hex" handles. Twist-proof, hard-chrome plated tips to shed solder with both ends insulated from one another. Straight or angled tips for hard-to-reach areas; spade end for scraping joints, connections or reaming out lug holes. Shpg. wt., 4 oz.

| | 1-3 | 100-up |
|-----------------------------------|-----|--------|
| HG-90 Rinted Circuit-Straight Tip | .62 | .56 |
| HG-91 Printed Circuit-Angled Tip | .62 | .56 |
| HG-92 Printed Circuit-Scraper Tip | .62 | .56 |
| HD-36 Straight Tip | .75 | .68 |
| HD-177 Angled Tip | .75 | .68 |

LENK LP TORCH MODEL 295LP



16 Oz. Fuel Container
● Solders
● Removes paint

An all purpose liquified petroleum torch. Does regular soldering—sweat fittings—silver soldering—removes finishes, paints and putty. Self sealing valve permits safe removal of torch head. Lights instantly—no priming, no waiting. Clean—sootless—odorless flame. More than 2200° F. Shpg. wt., 1 1/2 lbs.

HD-564 Net 2.17
REPLACEMENT FUEL TANK—for all Lenk LP Torches. Shpg. wt., 1 lb.
HD-565 Net .73

KESTER SOLDER AND FLUX



Uniform compound of 40% tin and 60% lead with evenly distributed and free-flowing flux.

HD-572 Resin core 3/32" Dia.—3-oz. Tin Net .20
HD-573 Resin core 3/32" Dia.—1 lb. Sp. Net 1.21
HD-574 Rosin core 3/32" Dia.—5 lb. Sp. Net 5.85
HD-575 Resin core 1/16" Dia.—1 lb. Sp. Net 1.24
HD-576 Resin core 1/16" Dia.—5 lb. Sp. Net 6.00
HD-577 Acid core 1/8" Dia.—3 oz. Tin Net .20
HD-578 Acid core 1/8" Dia.—1 lb. Sp. Net 1.21
HD-579 Acid core 1/8" Dia.—5 lb. Sp. Net 5.85

KESTER RESIN-FIVE SOLDER

Very active rosin core flux. Non-corrosive and non-conductive. Easily solders zinc, brass, nickel plate and ferrous metals.

HD-580 3/32" Dia.—1 lb. Sp. Net 1.21
HD-581 3/32" Dia.—5 lb. Sp. Net 5.85
HD-582 1/16" Dia.—1 lb. Sp. Net 1.24
HD-583 1/16" Dia.—5 lb. Sp. Net 6.00

KESTER PASTE FLUX

HD-584 Non-Corrosive 2 oz. Net 1.12

ERSIN Multicore Solder

Maximum flux action at correct solder melting point. Fast melting, non-corrosive, non-sticky, non-toxic. 5-core construction insures constant flux. Has excellent cleansing action. 40% tin, 60% lead. No. 16 gauge.

HD-585 1 lb. spool 1.39
HD-586 7 lb. spool 9.45
Ersin Multicore 60/40 Solder 60% tin, 40% lead. #16 gauge.
HD-587 1 lb. spool Net 1.76
HD-588 7 lb. spool Net 12.04

SERVICE PACK: 18 Gauge 60/40 5 core solder. Approximately 20' on wooden spool. ERSIN 6018.
HD-589 Shpg. wt., 12 ozs. Net 4.9

1-LB. ROSIN CORE SOLDER

● Highest Quality .99



Coiled on metal spool. Standard 40/60 quality—ideal for home or shop use. Shpg. wt., 1 1/2 lbs.
HD-917 Net .99

JET KING Blow Torch Kit

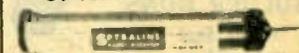


- Pencil Sized—3500° Heat
- Solders—Brazes: Softens Paint and Putty
- New Soldering Tip

Extremely useful—highly efficient—miniature blow torch. High heat, 3500°, pin point flame. Less than 7" long from end to end. Charged by a butane cartridge which gives 30 minutes of continuous service. May be turned on or off at any time. Entire unit weighs approx. 4 oz. Economical throw-away cartridges can be stored indefinitely. Ideal for repairs on wiring—radio—TV installations—appliances—pipes and plumbing. Complete with 2 chargers, soldering tip and coil of rosin core solder.

HD-315 Shpg. wt., 1 lb. Net 2.25
HD-226 Torch only, w/1 charger, wt., 12 ozs. Net 1.59
HD-227 Extra chargers, Pkg. of 2, wt. 8 ozs. Net .39

SPYRALINE SOLDER



● 60% TIN — 40% LEAD
11 ft. of high quality, 1/16" 60/40 activated rosin core solder in handy dispenser. Container is non-inflammable—affords insulation when working a "hot" circuit. Eliminates waste—pull out only what you need. Keeps solder clean and unsoldered. Reaches into "hard-to-get-at" joints. Shpg. wt., 1/2 lb.
HD-228 Special Pkg. of 3, 1.32
Singly, Each .49

SPYRALINE PRINTED CIRCUIT TOUCH UP SOLDER designed for a fast bond without overheating. Melting range of 240°-320° F; for low wattage soldering iron. Safe for silver ceramics and transistors. Shpg. wt., 1/2 lb.
HD-416 Net .62, ea. Pkg. of 3, 1.69

PRINT-KOTE SOLDER, Non-corrosive flux with low melting solder combined with pure silver 2 oz. coil. Shpg. wt., 4 ozs.
P-312 GC-9131 Net .57

PRINT-KOTE SILVER PRINT. Pure silver compound. Air drying. Used to repair printed circuit "wires" and touch up connections. 1/2 Troy oz.
P-313 GC-21-1 Shpg. wt., 4 oz. Net 2.42

CHEMALLOY FLUXLESS ALUMINUM SOLDER



● Requires No Flux
New, improved, fluxless aluminum solder will solder, braze, or weld aluminum, zinc, potmetals, copper, brass, galvanized metals, aluminumized-copperized-tinned surfaces. Solders aluminum—even foil—without burn-through. Solders and "fills" die cast parts. Can be machined and polished. Anti-friction properties permit its use as a dry bearing metal. Use practically any heat source.
HD-559 4 oz. Bar, 500° Net .59
HD-560 4 oz. Bar, 800° Net .59
HD-561 1 lb. Bulk, 500° Net 1.59

"SAL-MET" FLUX

● Non-corrosive



A non-corrosive flux that will solder all metals cleanly and permanently—copper to aluminum; aluminum to aluminum, copper to steel, etc. No special treatment of metal required. Packed in 1 oz. tubes.
HD-427 Net .72

LAFAYETTE LAB AND SHOP ESSENTIALS

TWIN-WELD EPOXY ADHESIVE



- Attach Anything to Anything-Anywhere
- Steel-hard permanent repairs in minutes
- Won't shrink—can't expand
- Can be shaped-cast-drilled-sawed-sanded

An advanced, flexible epoxy formulation. Engineered for permanent adhesive use for metal-wood-glass-ceramics-concrete-hard rubber-fiberglass-brick and many other materials. Quick, easy, professional repairs. Mends anything. Ideal production line "filler." Can be molded to any shape—no sagging or draping—perfect for duplicating and shape-making. Use as a "tool-holder"—as coating or filler—as a gasket—as caulking—as a dielectric. Chemically and dimensionally stable. Safe—no solvents. Non-toxic, non-allergenic. Shpg. wt., 1 lb. **HD-685** Net 1.49

TWIN-WELD "Super-Pak": Giant size package of famous epoxy adhesive. 15 ozs. in a poly twin pack. Enough for small industrial demands. Will not "age" in the container if properly capped. Shpg. wt., 1 1/2 lbs. **HD-919** Net 3.67

ECCOBOND 26

• STICKS ANYTHING TO ANYTHING FOREVER!



New epoxy resin patch kit — handiest bonding agent ever for the lab bench or production line. Many industrial applications — repairs tools, hardware—furniture—boats. A resilient epoxy polymer — features permanent adhesion to metals, plastics, paper, ceramics, etc. Patches and bonds anything! Cures in four hours at room temperature — in minutes at 150 F. Chemically inert — physically extremely strong. Forms a permanent part of the repaired item. Can be sanded or worked — takes paint readily. White color. Mixes easily — use only as much as you need. Shpg. wt., 8 ozs. **HD-663** Net 1.96

Lots of 6, Net ea. 1.45

FIBERGLASS REPAIR KIT



- Plastic Fiberglass Stronger Than Steel
- Self Bashing in Minutes
- Sculpts like Modeling Clay
- Fixes Fast to Last

For quick, easy, low cost permanent repairs to wood, metal, plastic, concrete, fiberglass, ceramic, almost any material — whether cracked, dented, holed or rusted. Features a newly perfected, easily-worked material which hardens quickly to a tough, durable, waterproof plastic that is stronger than steel. Also included glass cloth, hardening agent and fast cure agent. Easy to use. Shpg. wt., 1 1/2 lbs. **HD-418** Net 1.36

HIGH QUALITY CLAMP SETS



.69

Indispensable to the do-it-yourselfer, hobbyist or professional repairman. These screw-type clamps are made of malleable tool steel, and are available in 1", 2 1/2", and 3" jaw sizes, in sets as follows: 1-3" and 1-1" clamp or 1-2 1/2" and 2-1" clamps. **HD-870** 1-3" and 1-1" clamp. Shpg. wt., 20 oz. Net .69 **HD-871** 1-2 1/2" and 2-1" clamps. Shpg. wt., 18 oz. Net .69

FILE RASP



- Files Twice as Fast!

Works twice as fast as old fashioned files. Cuts on forward and back strokes. Even sideways or circular motions. Excellent for shaping—notching—finishing—and fast stock removal. For use on wood, plastic, composition, glass, plaster, porcelain, etc. Two abrasive surfaces—one side coarse (46) grit—other side medium (80) grit. Resists loading—cleans easily with solvent. Hot water or wire brush. 14 inches long—flat face. Shpg. wt., 1/2 lb. **HD-673** Net 1.10

PLASTIC ASSOCIATES EPOXY PENCIL APPLICATOR



- Unusual Adhesive Strength
 - Tough, Permanent, Waterproof Bond
 - Environmental Protection
- ### THERMA-BLENDED EPOXIES

Now epoxy resin may be applied as easily as solder is applied with an iron. Simply — remove all dirt and oil from bonding surfaces and apply Cetron Epoxy Pencil to warmed surface. May be cured (warmed) from 245-420°F. Cures in 7 minutes @ 420°F, 12 hours @ 245°F. Dry shear strength is 4110-5470 PSI. Dielectric constant 3.5. Solid at room temp; softens at 105°F, bonds at 200°F. Instantly usable without storage. Shelf life—1 year @ room temp. Aluminum collet holder and 3 refills of amber epoxy filler. Shpg. wt., 4 oz.

| Stock No. | Description | Net Each | | |
|-----------|--------------------------|----------|-------|--------|
| | | 1-9 | 10-99 | 100-Up |
| HD-934 | Pencil w/3 Sticks | 1.95 | 1.50 | 1.35 |
| HD-935 | Stick Refill (Pkg. 10) | 1.80 | 1.50 | 1.30 |
| HD-968 | Paste—Tube: 1 3/4 oz. | 1.95 | 1.50 | 1.35 |
| HD-969 | Liquid (1 pint) | 4.95 | 4.00 | 3.40 |
| HD-983 | Tape—1/2" x 36 yd. | 5.40 | 4.59 | 4.05 |
| HD-984 | Tape—1" x 36 yd. | 10.80 | 9.18 | 8.10 |
| HD-981 | Spray Can—6 oz. | 2.70 | 2.30 | 2.02 |
| HD-970 | Sheet—12" x 12" | 1.95 | 1.50 | 1.35 |
| HD-985 | Sheet—50" x 100 yd. Roll | 8.40 | | |

REDI-BLENDED EPOXIES \$4. Yd.

Two-component cements in unique, self-contained Pak-it mixer package. Contents are mixed on-the-job, just pour to use; after use package is thrown away. Redit-Blend epoxy contains precise amount of each component for perfect use and maximum strength. Shpg. wt., 3 oz.

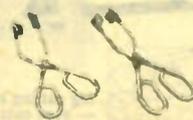
| Stock No. | Description | Net Each Kit | | |
|-----------|-----------------------------------|--------------|------|--------|
| | | 1-9 | 99 | 100-Up |
| HD-102 | Kit of 10 (1/10 oz.) 1-shot pkgs. | 2.45 | 1.95 | 1.70 |
| HD-103 | Kit of 10 (1/5 oz.) 1-shot pkgs. | 3.90 | 3.00 | 2.70 |

NEW MASTER FINISHER

A master tool for all hand finishing jobs, both coarse and fine; also for grinding, polishing and other uses in home and shop. Holds sandpaper and abrasive, quickly replaceable. 5 1/2" long body, tapered. **HD-414** Shpg. wt., 8 oz. Net .72

2 INSULATED TUBE PULLERS

.99



Straight type (about 8" long) and bent type (about 7" long). Shpg. wt., 1 lb. Imported **HD-911 M** Net, per pair .99

VINYL PLASTIC ELECTRICAL TAPE

- 60 Ft. x 3/4"
- .008 in. THICK
- 10,900 V. BREAKDOWN



First quality, pressure sensitive polyvinyl chloride tape. Extremely high dielectric strength of 10,900V breakdown. Insulation resistance of one million megohms. Over 150% elongation at break. Excellent resistance against acids, alkalis, oils, salt water, etc. Tensile strength of 15 lbs. per in. High conformability. Forms tight, smooth protective wrap. Shpg. wt., 4 oz. Imported **HD-216** Net, ea. .54

LARGE PLASTIC TAPE KIT: 10 rolls of vinyl plastic tape. Each roll 33 ft. by 1/2". 1 ea. of Red, white, sky blue, blue grey, yellow, brown, green, black and orange. Shpg. wt., 1 1/2 lbs. **HD-478** Net 2.65

SMALL PLASTIC TAPE KIT: 6 rolls, 7 ft. x 1/2" vinyl plastic tape. 1 ea. of red, yellow, blue, green, black and transparent. Shpg. wt., 5 ozs. **HD-477** Net .59

INSL-X TOOL DIP

Extremely high dielectric strength for maximum protection. No more tedious taping of tool handles. Just dip and let dry resists—acid, alkali, water and oil. Bright red color locates your Insulated tool at a glance. Also recommended for use on Radio & TV parts. 6 oz. can. **MS-50** Net .79



MAGIC MENDERS



Quick, easy, permanent repairs for home, auto, farm, boat, industry — a 1001 handy uses. Ready-to-use paste form, sticks to almost any material.

EPOXY STEEL. Combines strength of epoxy resin with hardness of steel. No heat or pressure needed. Can be sanded, filed, drilled when dry. 14 oz. "Shop size Kit." **P-414** Shpg. wt., 1 lb. Net 2.69

PLASTIC ALUMINUM. Dries metal hard in 3 hours. Waterproof, heat proof to 600°F. 5 1/2 oz. tube. Shpg. wt., 8 oz. **P-415** Net .75

MAGIC STEEL. No heat or mixing, dries tough steel hard. 6 1/2 oz. tube. Shpg. wt., 9 oz. **P-416** Net .75

MAGIC METAL. Cold solder works like putty, hardens into metal. Unaffected by water, gas, oil. 1 1/2 lb. can. **P-417** Shpg. wt., 2 lbs. Net 1.69

Deluxe Automatic Wire Stripper

- "Delayed Action Return"
- Strips solid or stranded
- 4 hole precision ground blades
- Strips sizes 12 to 20



Automatic — efficient — easy to use. Delayed insulation from all wires, 12 to 20, neatly and quickly. Delayed return action prevents crushing fine wires. A real time saver for servicemen—electrical workers—production lines—etc. Narrow spaced handles for easy grip. Lightweight and easy action for less fatigue. No bother of changing blades or adjusting cutter for varying wire sizes. Extremely well built for years of service and uniform performance. Shpg. wt., 1 1/4 lbs. Import. **HD-349** Net 3.45

HD-348—Replacement Blades for Above. Shpg. wt., 6 oz. per pr. Net .97

MILLER WIRE STRIPPER

.73



A really good wire stripper and cutter. For any size wire, stranded or solid. Adjustable arm on handle for varying wire sizes. Cuts and strips at any point along wire. Made of hardened tool steel—finely ground cutting edges. For servicemen—strip—or production work. **HD-188** Shpg. wt., 4 oz. Net .73

SELF OPENING STRIPPER: Similar to above except has built in spring device to hold cutter open. Speeds work on production line. Has ring—latch to hold blades in closed position. **HD-189** Shpg. wt., 4 oz. Net 1.17

NEW—CRIMPING TOOL

- Crimps insulated and non-insulated terminals
- Cuts Bolts - Strips Wire



New model also crimps solderless terminals and connectors. Three tools in one! Cuts and strips wire from sizes 22 to 10. Cuts brass or steel machine screws without damaging the threads; size 10-24, 10-32, 6-32 and 4-40. Has accurately sized stripping notches and precision threaded cutter holes plus stud size gauge stamped on tool. Hardened steel. Shock-proof plastic handle. **HD-66** Shpg. wt., 1 lb. Net 3.83

WIRE

.59 STRIPPER-CUTTER

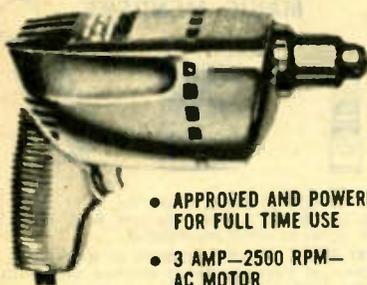
- INSULATED HANDLES



Tempered steel—handy—easy to use wire stripper. Pawl can lock steel to wire gauge. Designed to fit your grip—uses minimum pressure. Specially ground cutting edges. Cuts and strips at any point along wire. For service or light production work. Shpg. wt., 1/2 lb. **HD-264** Net .59

LAFAYETTE'S "PORTABLE POWER" SHOP

Stanley 1/4" Power Drill



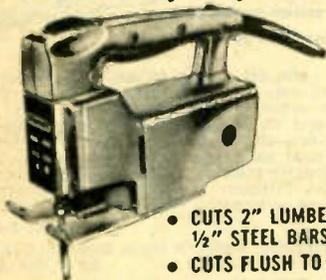
- APPROVED AND POWERED FOR FULL TIME USE
- 3 AMP—2500 RPM—AC MOTOR
- PRECISION GEARED CHUCK

1747

The perfect drill for use with drill attachments. Designed for continuous duty—ease of maintenance. Advanced styling for comfort and balance. Dependable bronze bearings—extra long brush life. 2500 RPM no-load speed, 1600 RPM under full load. Capacity 1/4" in steel, 1/2" in hardwood. Trigger switch with locking pin for intermittent or continuous run. Accurately machined precision gears. High speed airflow ventilation. 8 3/4" overall length. Weighs only 3 1/4 lbs. 3 Amps, 115v. AC only. Shpg. wt., 4 1/2 lbs.

Net 17.47

STANLEY Heavy Duty SABRE SAW



- CUTS 2" LUMBER—1/2" STEEL BARS
- CUTS FLUSH TO A WALL
- FULL 3/4" STROKE—3300 STROKES PER MINUTE
- ANTI VIBRATION MECHANISM

3147

NO MONEY DOWN

New Stanley Heavy Duty Sabre Saw—rugged enough to cut 1/2" steel bars. Will do the work of rip, crosscut, band, jig, keyhole and hack saws. Particularly suited for use where it's difficult to use a circular or band saw. Cuts curves, scrolls, pockets, intricate patterns in wood, plastics, veneers. Cuts full 2" lumber—conduit—cable—1/2" steel bar—aluminum—brass. 2 position base plus flush cutting blade allows cuts right up to a wall. Improved chip blower—single screw blade lock—positive slide switch—cool, comfortable handle. 2.5 amp. 115v. AC/DC motor. Includes one each wood—metal—and flush cutting blade. Shpg. wt., 6 1/2 lbs.

Net 31.47

RAM 1/4 HORSE POWER

ELECTRIC HEDGE TRIMMER

2403

NO MONEY DOWN

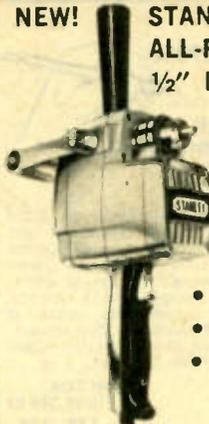


- 1800 Cutting Strokes Per Minute
- 14" Tempered Steel Blade

A full 1/4 horsepower hedge trimmer ideal for straight or angle shrub trimming. A 14-inch tempered steel blade with "vari-action" design delivers 1800 cutting strokes per minute. Handle is adjustable for right or left hand use. Mirror finish housing contains a powerful, air-cooled 115v AC-DC stall-proof motor. Complete with heavy-duty 50-foot 3-conductor cord. Shpg. wt., 10 lbs.

Net 24.03

NEW! STANLEY Heavy Duty ALL-PURPOSE 1/2" DRILL



3815

NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 381

- 1/3 H.P. MOTOR 3.5 AMPS
- NEW COMPACT DESIGN
- MORE POWER - TORQUE - VERSATILITY

A new all-purpose drill combining greater power, advanced engineering and compact design. Powerful 1/3 H.P. 3.5 amp motor with ball and bronze bearings has 1/2" capacity in steel. Design features include special ribbed front housing and neoprene bumper for extra shock-protection; exclusive "window" brush-holders for constant checking of brush wear; 2 handles—removable auxiliary aluminum handle can be mounted in 3 different positions, plus a removable spade handle. A compact 5 3/4" from chuck to rear housing to fit in the smallest areas. 115v, AC. Shpg. wt., 10 lbs.

HD-661 Net 38.15

SKIL RECIPRO SAW with 3 Blades

- Cuts anything from Thinnest Plastic Sheeting to 6" Logs
- Exclusive 3-Position Foot—Flush, Stationary, Rocking
- Exclusive 4-Position Blade

3695

NO MONEY DOWN



Big cutting capacity—even cuts 6" logs.



"Roughing-in" cuts in walls, floors, ceiling.

Cross-cuts wood, angle iron, pipe.

It's the brand new Skil Model 577 Recipro Saw—the amazing tool with a virtually unlimited cutting capacity... from 6" logs to the thinnest plastic sheeting. Cuts any material from soft wood to steel or plaster. Makes tough rip cuts, intricate scroll work, miter and bevel cuts, flush cuts without attachments, pocket cuts with its own starting hole, cross-cuts. Features Universal 3-amp motor with self-lubricating bearings; no load speed of 2000 strokes per minute. Stroke 3/4"; overall length 11 3/4". 3-wire cord with 3-prong and 2-prong adapter. Double reduction gears; 3-position side handle, automatic blower, canted blade, etc. Complete with 3 blades (HD-784, HD-785, HD-786). UL approved, 115v, 60 cycle AC. Shpg. wt., 6 1/2 lbs.

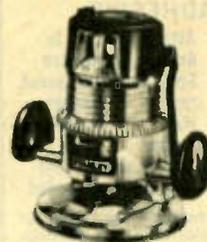
HD-781

Net 36.95

ACCESSORY BLADES

| STOCK NO. | TEETH PER IN. | LENGTH (IN.) | USE | NET EA. |
|-----------|---------------|--------------|--|---------|
| HD-782 | 10 | 4 | Metal cutting—ferrous 1/4" or thicker; non-ferrous 1/8" or thicker | .40 |
| HD-783 | 10 | 8 | rous 1/8" or thicker | .80 |
| HD-784 | 6 | 4 | Fast scroll cutting in wood. | .60 |
| HD-785 | 8 | 4 | Hollow ground for smooth wood cutting. | .67 |
| HD-786 | 10 | 4 | Multi-purpose—rough-in cuts in wood with nails. | .20 |
| HD-787 | 10 | 12 | soft metals, under 1/2" thick | .47 |
| HD-788 | 6 | 6 | Plastic cutting or wood, building tile | .27 |

STANLEY Heavy Duty ROUTER



- HIGH SPEED PRODUCTION ROUTER
- 3/4 HORSEPOWER
- 23,000 RPM MOTOR
- BUILT-IN SPOTLIGHT
- MICROMETER DEPTH ADJUST—TO 4/1000"
- AUTOMATIC SHAFT LOCK—NEEDS ONLY 1 WRENCH

4897

NO MONEY DOWN

The most advanced router design in the world. Most perfect balance and control available. Highest safety and performance level. Cuts dovetails—dadoes—tenons mortises—rabbets—beading—molding—joints—grooves—decorative cuts—inlays—cuts soft metals. Built-in spot-light increases brightness as work load increases. Recessed switch automatically locks shaft when changing bits. Precision micro-depth adjustment as fine as .004 inch. Cantilevered base and advanced design grips for stability and balance. Clamping lever holds or releases motor with a flip. 6 amp., 23,000 RPM, 115v. AC/DC. Shpg. wt., 9 1/2 lbs.

HD-700 Net 48.97

Basic Bit Kit: Includes three most useful router bits 1/4" straight, 3/8" rounding over, 3/8" V grooving. Also includes a Silicon Carbide hone to keep cutting edges keen. Shpg. wt., 1/2 lb.

HD-709 Net 6.97

Stanley Heavy Duty Builders Saw

- 1 1/4 H.P. MOTOR
- SELF-LUBRICATING BALL AND BRONZE BEARINGS
- 9.5 AMPS—5000 RPM



2995

NO MONEY DOWN

Power-packed 9.5 amp motor provides high cutting force. Wrought steel base is connected to motor housing by spring steel beam. Rear position control panel. Rear-position wing-nuts for depth and bevel adjust, "Free Start" ball bearing guard—moves at slightest pressure. Big "window" for wide open view of cut. "Motor Saver" drive protects motor against damage when blade cuts nails or knots. Weighs only 9 3/4 lbs. Cuts 3/4" to 2" at 45°, 3/8" to 2 1/8" at 90°. Blade size 7x3/8". 5000 RPM no load speed. Ball and bronze bearings. 9.5 amps. 115/230 volts AC/DC. Shpg. wt., 13 1/2 lbs.

HD-938 Net 29.95

RAM BUFF-N-SAND

2373

NO MONEY DOWN FOR BUDGET TERMS SEE PAGE 381



- Two Tools in One—A Combination Polisher Buffer & Sander

A rugged all-purpose polishing and sanding tool half the weight of similar units. Perfect for sanding or polishing furniture, cars, floors and walls. Engineered to operate at 500 rpm to avoid hi-speed heat and friction on working surfaces. Universal AC-DC motor employs thrust ball bearings for smooth rotary action. Supplied with heavy duty 3-conductor cord, 7 1/2" O.D. lambswool bonnet and 24 sanding discs. Overall length 13 1/2". Shpg. wt., 5 1/2 lbs.

HD-931 Net 23.73

LAFAYETTE'S "PORTABLE POWER" SHOP

EASY DOES IT WITH

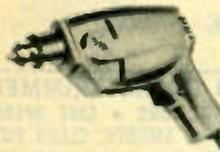
THOR SPEEDWAY ELECTRIC POWER

Every tool UL Industrially Rated, CSA Approved and Features "The Motor That Won't Burn Out." A fine selection of famous Thor-Speedway power tools at Lafayette's low prices. Start your own workshop or add to your present one.



METEOR 1/4" DRILL • Self-Dilting Bronze Bearings

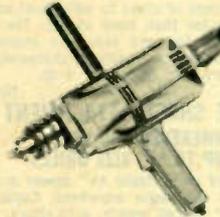
A value-packed 1/4" drill with a universal series wound motor that won't burn out. Special alloy self-oiling bronze bearings. 1/4" capacity in steel, 1/2" in wood. 2.5 amp 115 V AC motor has no-load speed of 2400 rpm, full load of 1500 rpm. Precision geared chuck. Momentary contact switch with locking pin. Gleaming hi-polish finish. 6 ft., 3-wire cord. Entire tool UL Industrially rated and CSA approved. Shpg. wt., 5 lbs. HD-93 Net 9.66



3/8" ELECTRIC DRILL

• Hi-Torque Motor Rated at Full 2.5 Amps

Here is a professional 3/8" electric drill at an amazingly low price. Hi-torque 2.5 amp, 110 VAC motor with 3-conductor lead cord, precision geared 3-jaw chuck with key, all-steel precision hobbled gears and newly developed special alloy bearings throughout. Capacity in steel, 3/8", in hardwood, 1". No load speed, 1750 rpm, full load speed, 1150 rpm. Momentary contact switch with locking pin. Sturdy diecast aluminum alloy housings with attractive silicone bonded finish. Overall length, 8 1/4". Shpg. wt., 5 lbs. HD-939 Net 11.95



1/2" ELECTRIC DRILL • Powerful 4.0 Amp Rating

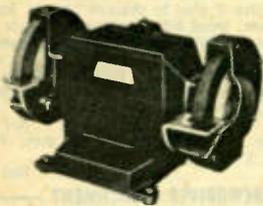
This high power 1/2" Drill in the low priced field is built to professional standards throughout. Features safety switch with push button lock and removable top handle. The rear grip handle can be revolved to vertical or horizontal position. Specifications: 1/2" capacity in steel; 1" capacity in wood; 5.5 amp rating; 400 r.p.m. full load speed; 1 3/4" spindle offset. Universal series-wound AC-DC motor for 115 volts. Complete with 10 feet 3-wire, type SJ, UL approved lead cord; and 3-jaw geared chuck with key. Overall length with rear handle is 14 1/2". Shpg. wt., 14 lbs. HD-862 Net 23.95



METEOR ORBITAL SANDER • Push-Button Switch

A motor-driven power sander for home and shop. Ideal for rough or finish sanding, polishing, massaging. Fast, powerful action, lightweight, easy to handle. Special alloy self-oiling bronze bearings; teflon coated 1" nut washer and ball bearing on sander drive plate. 2-pole induction type, 1.8 amp motor; no load speed 3450 rpm; push-button switch. Sanding area 4 1/2 x 5 1/2". Hi-polish finish with black crackle trim. 115V, 60 cycle AC. 6-ft., 3-wire cord. Shpg. wt., 6 lbs. HD-94 Net 11.89

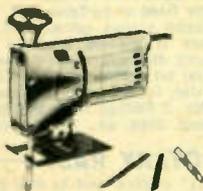
HD-865 Lambswool Polishing Pad Net .79
HD-866 18 Sheets Assorted Sandpaper Net .98



METEOR 4 1/2" BENCH GRINDER

• Die-Cast Aluminum Housing

Ideal for sharpening all workshop, hobby and garden tools—drill bits, planes, knives, chisels, hoes, etc. Base equipped with rubber feet: drilled for bolting to bench or truck. Heavy-duty steel wheel guards; adjustable tool rests; built-in front water cooling tray; cast-in top parts tray; rear duct exhaust. Bronze alloy bearings. Two 4 1/2 x 1/2" wheels (one 40-grit, one 70-grit). 2.5 amp. 115V, 60 cycle AC motor; no load speed 3450 rpm. 6-ft., 3-wire cord. Shpg. wt., 10 lbs. HD-95 Net 13.96

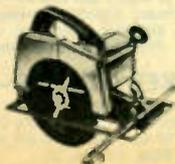


METEOR JIG SAW

• With 3 Assorted Wood and Metal Cutting Blades

Enjoy new versatility sawing curves, scrolls, straight and rip cuts. Powerful 3-amp motor cuts 2" in wood, 1/2" in steel. Adjustable plate permits accurate angle cutting to 45° on either side—cuts 2x4's at 45°. No load speed 3000 strokes per minute; AC/DC positive push-through switch; self-oiling bronze bearings. Auxiliary knob handle; rip guide; 3 blades. Base tilts to 45°. 6-ft., 3-wire cord. Standard 115V. Shpg. wt., 5 lbs. HD-96 Net 13.88

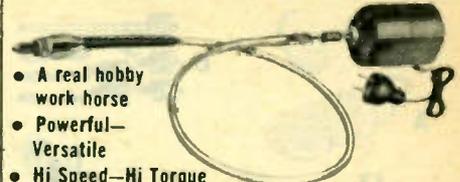
HD-439 Pkg. 5 Wood & Metal Cutting Blades Net .59



METEOR 7" SAW • Safety Slip Clutch

Ideal for construction work, farm and home. Features a burn-out proof armature. Powerful, safe 8-amp motor has no-load speed of 5000 rpm. Depth of cut 1/4" to 2 1/4"; at 45°, 1 3/4". With self-lubricating bronze bearings; rip guide; safety slip clutch; 3/8" round arbor; combination blade; auxiliary knob handle. 6-ft., 3-wire cord. Hi-polish finish with black crackle trim. 115V, AC-DC. Shpg. wt., 15 lbs. HD-97 Net 21.88

FLEXI-SHAFT HOBBY TOOL



- A real hobby work horse
- Powerful—Versatile
- Hi Speed—Hi Torque

Flexible shaft and motor combination to do all your hobby grinding—polishing—drilling—sawing—buffing—etching—engraving—routing—carving. Husky, 1 amp motor delivers plenty of power for hard, continuous use. Will not stall under normal usage. Lightweight finger tip control—for intricate hobby work. 36", easily handled, shaft is a sealed tamper proof unit. Will not heat up under prolonged use. Chuck accommodates standard 3/32" and 1/8" inch tool shanks. For use on wood—metals—glass and plastics. 110/120V. AC or DC. Shpg. wt., 3 lbs. HD-849M Net 6.60

6 PC. MOUNTED STONE SET

• Ideal Accessory For The Flexi-Shaft Tool



Six assorted grinding stones and wheels. Selected set of mounted grinding points, stones, wheels. For carving—routing—grinding—sharpening—de-burring—sawing—buffing—polishing. Mounted on 1/8" and 3/16" shafts. Shpg. wt., 8 oz. HD-920 Net 1.20

WEN 3 INCH BELT SANDER

• Extra-Duty 1/4 Amp Motor MODEL 910



- Forced Ventilation—Cools Motor and Removes Dust
- Compact, Balanced, Lightweight

Wen Belt Sander provides 850 square feet of abrasive material/minute. Universal self-cooling motor will not overheat. Contour grip, 2 position knob, vibration-free bearings, balancing and lightweight (7 lbs.) remove fatigue from sanding. Belt changing in seconds. Flush design for close work. Complete gear drive with sealed bearings. Die cast polished aluminum housing. With 3 belts (coarse, medium, fine) and 6 ft. 3 conductor cord. Size: 5 3/4 x 5 1/2 x 10 1/2" L. For 115 V AC. Shpg. wt., 8 3/4 lbs. HD-937 Net each 33.05

In lots of 3, Each 29.37

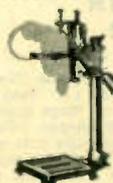
HD-990 Coarse Sanding Belt (60) Net .49
HD-991 Med. Sanding Belt (80) Net .49
HD-992 Fine Sanding Belt (120) Net .49

1/2" CHUCK FOR 1/4" DRILLS



Converts 1/4" electric drill to 1/2" capacity. Properly machined to insure correct balance. May also be used on standard 1/2 x 24 motor arbor or shaft. Imported. HD-203 Shpg. wt., 1 lb. Net .99

UNIVERSAL DRILL PRESS STAND

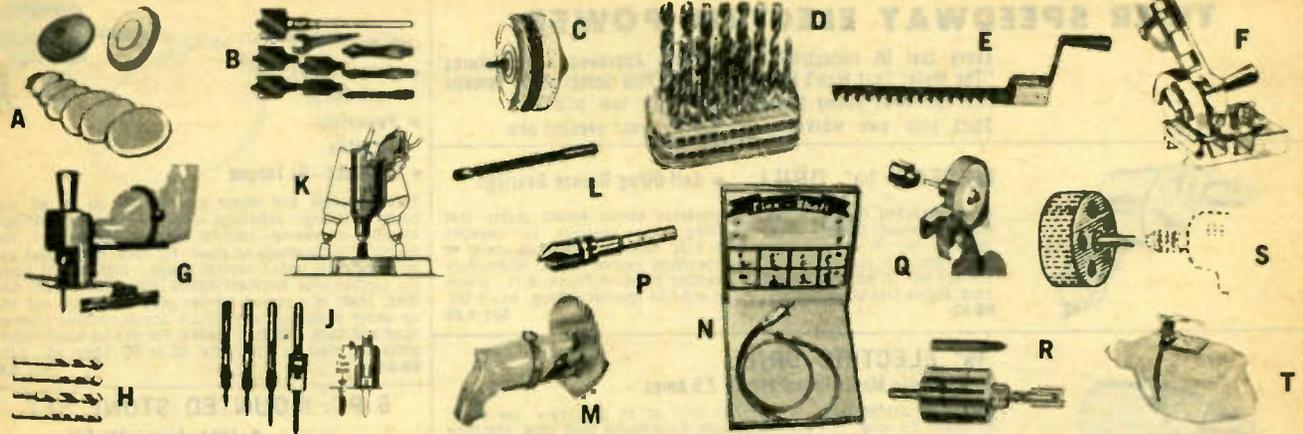


- ADJUSTABLE DEPTH STOP
- SPRING RETURN TENSION
- ADJUSTABLE CRADLE
- ADJUSTABLE DEPTH GAUGE DIAL

10.44

Can be used for any 1/4" pistol grip electric drill. Features rack and pinion gear feed, and adjustable depth stage. 15 to 1 2/4" stroke. Square base is provided with slots for drill bit and for bolting tool to base. Other features include spring return tension, fast hand-action, head clamps and adjustable depth gauge dial. Shpg. wt., 6 lbs. HD-464 Net 10.44

ACCESSORIES MAKE YOUR DRILL A PORTABLE MULTI-TOOL



(A) SANDING AND POLISHING KIT
 • USE WITH ANY DRILL • 9 DURABLE PIECES

High quality sanding and polishing kit for use with any standard drill or drill press. Cuts working time to a fraction, while taking the work out of sanding. Ideal for all types of sanding, removing rust-paint, and polishing hobby-craft, auto, etc. Kit contains flexible rubber 5" backing disc, 7 assorted-grain sanding discs, and 6" lambs wool polishing bonnet. Shpg. wt., 1 lb.

HD-270 Net 1.43

(B) 10 PC. POWER BORING SET

For 1/4" electric drill or drill press. 8 different bits plus shank and wrench. Sizes 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1" and 1 1/4". Fast, clean bore at any angle. Shpg. wt., 1 lb.

HD-181 Net 1.97

(C) 4 PC. UTILITY KIT

Grinds, polishes, sharpens, cleans, finishes. Kit contains 3" grinding wheel 1/2" thick, 3" double thick muslin buff, 3" wire wheel. Flanged arbor with 1/4" shank. All wheels have 1/2" bore. Shpg. wt., 1 lb.

HD-392 Net .99

(D) 29 PC. DRILL SET:

29 chrome vanadium twist drills with indexed metal stand. Sizes 1/16" to 1/2" by 64ths. Shpg. wt., 4 lbs.

HD-214 Imported Net 5.40

TURNED DOWN SHANKS

Same as above, but with shanks turned down for 1/4" drill. Imported

HD-440 Net 5.99

(E) "SHOP KING" HEDGE TRIMMER

• 14" BLADE

Converts any 1/4" drill into an easily handled hedge trimmer. Cuts, trims and shapes hedges and shrubbery. Extra long 14" blade of hardened tool steel. Keen edges for fast shearing action. Steel drive gear—permanently lubricated. Long, comfortable handle. Locks in any of 10 different positions. Light weight—compact. Shpg. wt., 3 lbs.

HD-723 Net 6.99

(F) ARCO SAW WITH DADO ARBOR

• CUTS 2 x 4's IN ONE CUT

Revolutionary new "Arco-Saw" with Adjustable "Dado-Arbor" cuts any groove up to 1/2" wide x 1" deep on ONE CUT! Arbor swivels sawblade to cut large grooves with little power—no heavy duty drill needed. "Dado-Arbor" easily removed for straight and angle cuts with precision Depth-Bevel-Rip Gages. Has 5" Safecut blade. Fits any 1/4" drill in 1 minute. With instructions and factory guarantee. Shpg. wt., 4 lbs.

HD-197 Net 8.63

HD-115 Safecut Blade Net 1.23

HD-116 Hycarbon Crosscut Blade Net 1.23

HD-117 Hycarbon Rip Blade Net 1.23

HD-118 Hycarbon Combination Blade Net 1.23

(G) ARCO JIG SAW

Cuts perfect circles any size up to 20" diameter, rips accurate widths any size up to 10" wide. An especially desirable home workshop tool because of its versatility. Does work of Jig, Keyhole, Coping, Rip, Crosscut, Band and Hacksaw! For intricate patterns, the Jig Saw is simply guided over the cutting line while the Automatic Air-Blower blows sawdust away from blade. Cuts plywood, plastics, wallboard, metals—even lumber up to 2x4's! Starts inside holes without boring. Has Right Angle Drive, strong Safety-Yoke and Worm Drive Clamp. Self-lubricating Lifetime Bearings. Blades are easily changed in seconds with ordinary screwdriver. Complete with Circle-Cutter & Rip Gage, Jig Saw Blade, Instructions and 90-day Factory Guarantee. Shpg. wt., 4 lbs.

HD-196 Net 6.63

Jigsaw—Less Circle Cutter and Rip Gage. Shpg. wt., 3 lbs.

HD-56 Net 5.97

Replacement Blades—Package of 6 Assd.

HD-57 Net 1.30

(H) CARBIDE MASONRY DRILLS

Premier carbide tipped masonry drills, made in Holland. For use on concrete, brick, tile, plaster, etc. Packed in red plastic kit. Fits any electric drill. Imported

| Type | Size | L | Shank Dia. | Wt. | Net Ea. |
|--------|------|----|------------|-------|---------|
| HD-393 | 1/4" | 4" | 7/16" | 2 oz. | .59 |
| HD-394 | 3/8" | 4" | 7/16" | 2 oz. | .69 |
| HD-395 | 1/2" | 4" | 7/16" | 2 oz. | .75 |
| HD-396 | 1/2" | 4" | 1/4" | 3 oz. | .89 |

4-Piece Set. Consists of sizes: 3/16", 1/4", 3/8", 1/2". In attractive red plastic kit. Fits any electric drill.

HD-397 Shpg. wt., 6 ozs. Net 2.56

(J) WOOD SCREW COUNTERSINK

• 24 COUNTERSINK COMBINATIONS
 • FITS ALL DRILLS AND DRILL PRESSES
 • AUTOMATIC STOP FOR 3 DEPTHS

Set contains 4 cold forged bits and "Depth-a-Dapter". Exactly profiled for 8 most popular screw sizes. Adjusts for flush, putty or dowel plug countersink. For wood screws #6 and 7 x 3/4", 8 and 9 x 1", 8 and 9 x 1 1/4", 10 and 12 x 1 1/2". Permits fast, multiple boring of duplicate holes exactly alike. Shpg. wt., 1/2 lb.

HD-337 Net 1.27

(K) FOAM DISC SANDING KIT

• RUBBER-FLEX SWIVEL DRIVE

NEW POWER SANDING DRILL ACCESSORY. Fits any 1/4", or larger electric drill. The sanding surface floats on a poly-foam pad. Sands flat or curved surfaces. Can't gauge-no swivel marks. Soft foam backer pad forms easily—even to compound curves. Changing angle of flexi-drive causes pad to "walk" automatically. Complete with pad, flexi-drive, 6 assorted sanding discs and instructions. Shpg. wt., 8 ozs.

HD-483 Net 1.67

(L) DRILL SAW BIT

Four jobs with one bit. Use with any electric drill or drill press. Cuts circles, ovals, squares, etc. Withstands severe continuous use. Cuts wood, plastic, bakelite, steel, brass, copper, etc. Shpg. wt., 4 oz. Imported

HD-75 Wood Bit Net .59

HD-74 All Purpose Bit Net .69

(M) BABCO GRASS TRIMMER

• FAST SHEARING ACTIONS • SAFE OPERATION WITH BLADE GUARD • SMOOTH, CLEAN CUTTING

Now you can take advantage of that electric drill in your work shop to trim grass with this unit. Attaches to any 1/4" electric drill. Ideal for cutting grass grown over sidewalk, stepping stones or close to wall. Neat and fast cutting. Ten times faster than hand shears. The rotary blade is well guarded, top and sides, to insure safe operation. 5 1/2" blade can be easily re-sharpened with any kitchen knife sharpener. Shpg. wt., 1 lb.

HD-399 Net 2.62

(N) FLEXIBLE SHAFT ATTACHMENT

• DRILL WHEREVER YOU WILL
 • TAKES UP TO 1/8" SIZE DRILLS

Operates off any fixed or portable 1/4" power orill; enables you to drill at any angle anywhere. Capacity up to 1/4" size drills; 36" overall length, with chuck. Comes in box with complete instructions. Shpg. wt., 1 lb.

HD-389 Imported Net 2.39

(P) HIGH SPEED COUNTER SINK

Fast cutting—five flutes—82° angle. Made of fine grade hi-speed steel. For use in any machinable material such as metal, wood and plastic. Has five carefully ground flutes for cutting an 82° angle to receive wood and machine screw heads. Has 1/4" shank for use in any electric drill or drill press. Length overall, 2 1/2". Shpg. wt., 6 oz.

HD-76 Net 1.10

(Q) DRILL MATE SHARPENER

Handy low cost drill sharpener—sharpens drills from 1/16" to 1/4" size. Use it also to sharpen chisels, knives, plane bits, scissors, wood bits, carving tools, etc. 1/4" shaft fits any electric drill. Nylon bearing—permanently lubricated. Drill holder is factory preset—no angle adjustments to make. Adjustable tool rest tilts to any angle. Grinding wheel is high grade, fine grit, aluminous oxide stone. Shpg. wt., 3/4 lb.

HD-243 Net 2.21

Professional size: for drills up to 1/2" size. Wheel 3x1 1/2". Shpg. wt., 1 lb.

HD-940 Net 4.46

(R) SCREWDRIVER ATTACHMENT FOR ELECTRIC DRILLS

Can be fitted to any fixed or portable drill, to drive up to 1/4" diameter wood screws quickly and easily. Bit idles until pressure is applied, powerful "non-slip" industrial type clutch disengages itself when screw is driven home. Special bit holder prevents bit from slipping out of screw slot. Includes two hardened tool steel 1/4" hex bits for No. 2 Phillips head and for No. 6 to No. 14 slotted screws. Shpg. wt., 1 1/2 lbs. Imported

HD-463 Net 2.24

(S) ROTARY RASP

For use with any 1/4" electric drill or drill press. Made of hardened steel. It is ideal for shaping of wood, plastic, fibre, etc.—planing of floors and boards—mixing of paints, oils and other heavy liquids. Extremely handy for the home craftsman, hobbyist, handyman, etc. 2 3/4" in diameter. 3/8" wide. Shpg. wt., 1/2 lb. Imported

HD-458 Net .99

(T) CHUCK KEY HOLDER

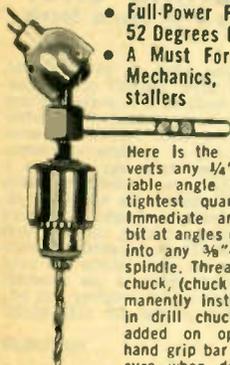
Keeps your geared chuck key right with your drill. No more fumbling or lost keys. Key snaps freely in and out of holder. Always ready to use. Fits all drills and chuck keys. Quickly installed. Shpg. wt., 1/2 lb.

HD-271 Net .69 2 for 1.20

HANDY POWER TOOL ACCESSORIES

GYRO-DRIVE

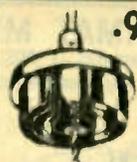
- Full-Power Full-Speed Drilling Up to 52 Degrees Off Center
- A Must For Electricians, Plumbers, Mechanics, TV Men, Telephone Installers



Here is the amazing drive which converts any 1/4" or 1/2" drill into a variable angle tool... drills in the tightest quarters, "around corners." Immediate angular positioning of the bit at angles up to 52°. Can be mounted into any 3/8"-24 male or female drill spindle. Threaded sleeve for 1/4" or 1/2" chuck, (chuck not supplied). May be permanently installed on drill or mounted in drill chuck, with additional chuck added on operating end. Removable hand grip bar for applying vertical pressure when drilling is difficult. Shpg. wt., 1 1/2 lbs. HD-950

6.67

Net 6.67



.99 7 in 1 HOLE SAW

Fits any electric drill, drill press, motor arbor, rotary sander or lathe. Cylindrical saw blades cut holes from 1" to 2 1/2" diameter in any 3/4" stock. Hole sizes are 1", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/4", 2 1/2".

True size carbon steel saw blades fit into deep machined grooves in tool head and are locked into place by a full length lock screw. Cuts wood, plastics, metals, sheet-rock, wall-board, masonite, formica, etc. Has guide bit and automatic slug ejector. Imported HD-225 Shpg. wt., 1 1/2 lbs. Net .99

ELECTRIC CULTIVATOR ATTACHMENT

- Attaches to any 1/4", 3/8" or 1/2" Electric Drill
- Weeds and Tills Soil Easily
- Digs Furrows and Plots Quickly



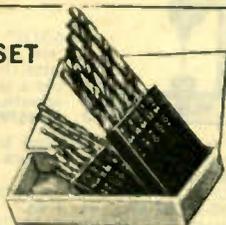
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Gardening can be fun with this electric cultivator attachment. Just attach it to any 1/4", 3/8" or 1/2" electric drill and you can weed, till or dig. Six tiller blades are of long-lasting spring steel. Interchangeable handle for right or left-handers. Powerful gear reduction. Absolutely safe. Lightweight, it saves you time and energy. Shpg. wt., 7 lbs. HD-662

Net 10.88

13 PC. TWIST DRILL SET

Set of 13 high quality chrome vanadium twist drills, complete with metal index. Sizes: 3/64" to 1/4" by 64ths. Shpg. wt., 8 oz. Import HD-113 Net .99



COUNTERSINK & DRILL SAW SET

Only .79

You'll find this the handiest tool set in your workshop. Consists of 5 screen hole drills (1 1/2, 1 3/4, 1, 3/4 & 3/8"), plus a drill saw for use with a standard 1/4" electric drill chuck. Screw hole drills will fit flat, round or oval head screws in the 10 most popular sizes. Allows fast easy countersinking and screw tuning without splitting material. Drill saw is of hardened, tempered, drop forged steel for use in wood, plastics, masonite or soft metals. Drills, saws, reams and cuts any shape or hole in any direction. Shpg. wt. 1 lb. Imported HD-886



Net .79

DRILL SET 4-PC. TWIST .89

Contains 4 high-carbon steel twist drills. SIZES: 1/4", 3/8", 1/2", 5/8". Drills have 1/4" shanks for use with 1/4" max. chucks. Allows owner of small drill to make larger holes without tedious filing or reaming. Made of precision ground speed steel. Comes complete with clear plastic pocket-case. All four drills 5" long. Imported HD-865 Shpg. wt., 10 oz. Net .89



Net .89



JACOBS TYPE DRILL CHUCK

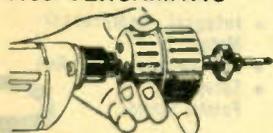
Comparable to Jacobs 1B. Key type geared tooth chuck. Capacity 0-1/4" thread 3/8x24". Ruggedly constructed. Polished finish. Used as standard equipment on most electric drills. Made to rigid specifications. Compare our really low price. You'll find this same chuck selling for twice as much! Imported HD-186 Shpg. wt., 1 lb. Net 2.98

2.98

Net 2.98

MODEL 4100 VERSAMATIC

1125



- WITH YANKEE STYLE BIT HOLDER
- TURNS 1/4" DRILL INTO HIGH POWER TOOL
- REVERSES—INCREASES POWER—REDUCES SPEED

Seven to one speed reduction develops tremendous torque! Hand clutch control for easy, instant stop-start action! Look at these fabulous features! Power screw driver—handles largest screws—reverses to extract them! Power drill tapping head! Plenty of power for oversize drilling! Perfect for concrete or any kind of masonry drilling! Low speed and high power for hole saw attachments! A professional tool that anyone can use! Comes complete with screwdriver bit—Phillips bit—1/4 socket set adapter—wrench pin and instruction book. Shpg. wt., 5 lbs. HD-195

Net 11.25

1/2" CHUCK FOR VERSAMATIC

Geared chuck—3/64" to 1/2" capacity—#33 taper to fit Supreme Versamatic. Shpg. wt., 1/2 lb. HD-268

Net 7.38

ZORON ADJUSTABLE Z-SAW HOLE CUTTER

388



A quickly adjustable tool for cutting holes 1 1/4" to 2 1/4" in diameter in wood, plastic, aluminum, etc. For use with tools having 1/4" chucks. Only light pressure exertion is required, less than with a drill. To adjust shank, lock-nut is loosened, bottom plate rotated for desired diameter, and lock-nut tightened. Removable combination blades. HD-949 Shpg. wt., 1 1/2 lbs. Net 3.88

Net 3.88

ARCO NO. 20 ADJUSTABLE 82° COUNTERSINK

Adjusts to exact depth with automatic stop... no need to judge the depth with each cut. Single-flute, chatter-free design assures round clean cuts. Tempered and hardened manganese tool steel construction. Quickly countersinks in steel, wood, plastic and other materials. 1/4" shank fits any drill, drill press, etc. HD-948 Shpg. wt., 4 oz. Net .98



Net .98

ARCO SCREW & NUT DRIVER ELECTRIC DRILL ATTACHMENT

- Complete 15 Piece Screw and Nut Driver

For rapid fastening of both screws (slotted and Phillips) and nuts (hex and square head). Has non-slip industrial type clutch for fast easy driving. Bit holder prevents screw head slippage. Includes flat bits and bit holders for #4-8 and #8-14 screws, #1-2 Phillips head bit, 6 hex socket wrenches (1/4", 3/8", 1/2", 5/8", 3/4", 1 1/2", 1 3/4", 2", 2 1/4", 2 1/2", 3", 3 1/2", 4", 4 1/2", 5", 5 1/2", 6", 6 1/2", 7", 7 1/2", 8", 8 1/2", 9", 9 1/2", 10", 10 1/2", 11", 11 1/2", 12", 12 1/2", 13", 13 1/2", 14", 14 1/2", 15", 15 1/2", 16", 16 1/2", 17", 17 1/2", 18", 18 1/2", 19", 19 1/2", 20", 20 1/2", 21", 21 1/2", 22", 22 1/2", 23", 23 1/2", 24", 24 1/2", 25", 25 1/2", 26", 26 1/2", 27", 27 1/2", 28", 28 1/2", 29", 29 1/2", 30", 30 1/2", 31", 31 1/2", 32", 32 1/2", 33", 33 1/2", 34", 34 1/2", 35", 35 1/2", 36", 36 1/2", 37", 37 1/2", 38", 38 1/2", 39", 39 1/2", 40", 40 1/2", 41", 41 1/2", 42", 42 1/2", 43", 43 1/2", 44", 44 1/2", 45", 45 1/2", 46", 46 1/2", 47", 47 1/2", 48", 48 1/2", 49", 49 1/2", 50", 50 1/2", 51", 51 1/2", 52", 52 1/2", 53", 53 1/2", 54", 54 1/2", 55", 55 1/2", 56", 56 1/2", 57", 57 1/2", 58", 58 1/2", 59", 59 1/2", 60", 60 1/2", 61", 61 1/2", 62", 62 1/2", 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TOOLS FOR THE TECHNICIAN AND HOBBYIST

8" TILT ARBOR "MOTERTOOL" SAW with G.E. 3/4 H.P. MOTOR



- Rugged All-Steel Stand
- 2 Cast-Iron Table Extensions
- 8" Combination Blade
- Front & Rear Locking Rip Fence
- Precision Mitre Gauge
- Rubber Drive Belt

A complete, compact machine with enclosed motor—you just plug it in, flip the switch and it's ready to operate. With this all-in-one package you can add a room, build a garage, make cabinets, build furniture and much more. Does every sawing operation—cross cutting, ripping, beveling, mitering, dadoing, tenoning, sanding, molding, shaping. Table extends to 28 1/2 x 17 1/4" with extensions. Blade guard and motor tilt to 45° Precision ball bearing arbor unit.

HD-975WX Shpg. wt., 90 lbs. Net 99.95
 8" MDERTOOL TILT ARBOR SAW. Same as above, without extensions, blade and stand. Table top 14 1/2 x 17 1/4".
 HD-891WX Shpg. wt., 58 lbs. Net 78.50
 EXTENSIONS, Set of 2 for HD-891WX. Cast iron. Extends work surface to 28 1/2 x 17 1/4".
 HD-892WX Shpg. wt., 28 lbs. Net 16.50
 POWER TOOL STAND. Fits HD-891WX and Joiner HD-890WX. Heavy steel; slotted for adjustments. Length 21"; width 17 1/4"; height adjusts 24-33 1/4".
 HD-953WX Shpg. wt., 33 lbs. Net 17.13

HD-993 8" Crosscut Blade Net ea., .98
 HD-994 8" Rip Blade Net ea., .98
 HD-995 8" Combination Blade Net ea., .98

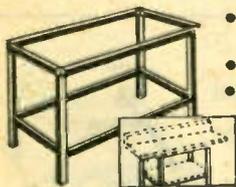
4 1/2" "MOTERTOOL" JOINTER



With 3/4 H.P. General Electric Motor built right in. This machine is permanently set up to operate. Has exclusive "Parallel Motion" design which assures 3/8" between the cutting knife and table edge at any depth of cut. All Ball Bearing construction. Duted as well as infeed table adjustable. Maximum cuts: width 4 1/2", depth 3/8", Rabbet depth 3/8". Over-all length 30 3/4". Cast iron tables and base. Comes complete with built-in 3/4 H.P. Motor, Cord, Plug and Switch, and 2-way Tilting Fence.

HD-890WX Shpg. wt., 53 lbs. Net 71.50

ALL-PURPOSE BENCH FRAME



- Makes A Bench for Every Purpose
- Heavy-Gauge Steel
- Combine 2 or More for Larger Sizes

550

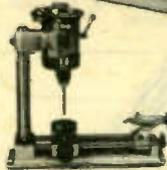
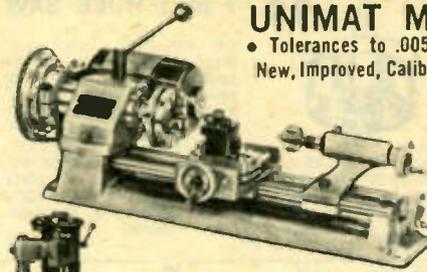
It's easy to make a bench for every purpose—in the garage, store, house, laundry room, playroom, etc. Heavy-gauge steel, completely pre-drilled, ready-to-assemble—just add the top. For larger benches, combine 2 or more. Overall: 22 1/2 x 47 1/2 x 34" high. Shpg. wt., 19 lbs. ML-269 Net 5.50

TODD RACK. Pre-punched to fit frame. 46"L, 4 1/2"H. ML-270 Shpg. wt., 2 lbs. Net 1.95

CASTERS For easy moving. Sets of 4. ML-271 Shpg. wt., 1 lb. Net 1.35

UNIMAT MINIATURE MACHINE SHOP

- Tolerances to .005" • Only 16" Long, 5" High • 11 Spindle Speeds
- New, Improved, Calibrated Hand Wheels



6-9/10". Includes: 1/15 HP induction fan cooled motor, drill press vent, column and hand lever, face plate, lathe dog, grindstone arbor, tool post, 2 dead centers, 3 jaw universal lathe chuck with reversing jaws, 1/4" Jacobs chuck and key, Allen wrench roughing tool bit, and a spindle return spring. 17 1/2 x 10 1/2 x 5 3/4" wood chest. 36 page manual. For 115V AC/DC operation. Imported.

HD-957WX Shpg. wt., 30 lbs. No Money Down Net 139.50

"Special" Unit, as above but less 3 jaw universal lathe chuck, 1/4" Jacobs chuck and key. Net 99.50
 HD-956WX No Money Down
 Universal lathe chuck for "Special" Unit. Net 23.50
 HD-958WX Shpg. wt., 2 lbs.
 Jacobs (1/4") drill chuck, key for "Special" unit. Net 9.75
 HD-959 Shpg. wt., 1 lb.

ATTACHMENTS & ACCESSORIES

Model DB 1210 Milling Table. Steel, 5x3" with 2 sets of clamps. Net 10.50
 HG-104 Shpg. wt., 3 lbs.

A complete 10-in-one machine shop in 16-inches! Although basically a precision lathe, UNIMAT quickly converts to a vertical milling machine, drill press, surface grinder or polisher—all on a single base. Finds extensive application in electronics labs, hospitals, government research agencies, as well as in home workshops. Motor (directly attached to headstock) may serve as a handtool. Belt drive is adjustable for 11 different speeds from 255 RPM to 4,000 RPM. Detachable headstock rotates 360° for off-center operation; straight or tapered turning. Adaptable for threading, milling, sawing. Cast iron lathe bed swing is 3"; center-to-center distance Model DB 1010 Clamping Vise. Reach of jaws: 1 1/8". Mounts on cross slide on Milling table. Net 7.95
 HG-105 Shpg. wt., 1 1/2 lbs.
 Model DB 1099 Tool Kit. Consists of: 2 tool bits, 4 drill bits, grindstone w/cup, single-end cutting key seat cutter, counter sink bit, center drill bit and 2 wood chisels. In box. Net 15.50
 HG-106 Shpg. wt., 1 1/2 lbs.
 Model DB 1105 set of 6 tool bits. Net 9.50
 HG-107 Shpg. wt., 1 lb.

STEEL FRAME WORK BENCH



Includes Tool Rack, Peg Board Back Panel and Bottom Shelf

- Sturdy, All-Steel Frame
- Large 24x48" Work Top
- A Complete and Serviceable Work Shop

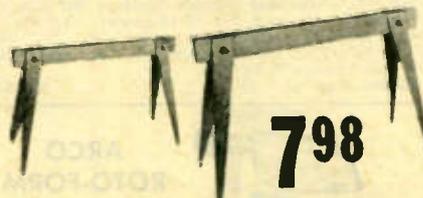
1775

A new all-steel frame work bench that is the ultimate in convenience and serviceability. The rigid, all-steel frame is the core of this complete workshop that will last for years. Features a big 24x48" work top of special, heavy-duty, compressed, high-impact board to withstand the roughest use. Matching bottom shelf offers handy storage space. Convenient tool rack with peg board back panel. Base on each leg gives extra support and can be bolted down if desired. Easy-to-assemble. 34 1/2" high. (Tools not included).

ML-298WX Shpg. wt., 60 lbs. Net 17.75

PAIR PORTABLE SAWHORSES

- For Home and Shop
- Portable—Lightweight—Safe
- Folds for Compact Storage



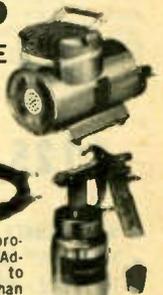
798

Now... a truly portable sawhorse with folding legs for easy carrying and storage. Absolutely safe—sanded finish and rounded corners; patented construction makes it impossible to collapse while in use. Sturdy and lightweight, made of kiln dried Douglas fir with a walnut stain. Cadmium plated hardware will not rust; brass handles. Weight capacity of 1000 lbs. Ideal for handy man or carpenter, strong enough for utility table or workbench. Shpg. wt., 16 lbs. Net Pair 7.98
 ML-313W

SPRAYIT 600

PROFESSIONAL-STYLE SPRAY UNIT

- Integral Compressor-Motor
- All-Aluminum Spray Gun
- Sprays Oil, Paints; Stains



All-purpose spray unit that gives professional results from the start. Adjusts pattern from small-as-a-dime to a fan 10" wide—4 times faster than a brush, and cleans easier too. Easy-to-use 2-finger trigger gun. Never needs lubrication. Air delivery: 1.5-2.0 CFM @ 15-20 lbs. Complete with 6-ft. cord with plug, 8-ft. hose with connections. Net 29.95
 HD-933 Shpg. wt., 11 lbs.
 MULTI-COLOR KITS: For best results in spraying multi-color paints. Net 2.10
 HD-675 Shpg. wt., 4 oz.
 AIR TOOLS KIT: For inflation and dusting. Includes chuck for all tires—footballs, basketballs, toys, air mattresses, "dusting" attachment. Net 1.70
 HD-676 Shpg. wt., 4 oz.

POWERHOUSE ELECTRIC SHRUB AND GRASS TRIMMER WITH HANDLE-ROLLER ATTACHMENT

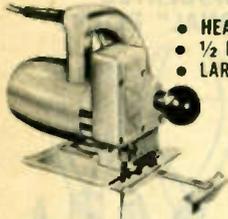
- Ideal for Trimming Ornamental Shrubbery
- Trims Easily Around Fences, Walks, Trees, House
- Can Be Hand-Held—Simply Remove Handle-Roller Attachment



Eliminate back-breaking gardening and keep your shrubs, hedges and grass trim and neat. Scissor-action type blades are safe—won't throw stones or dirt. Built-in clutch protects the heavy-duty motor and gears. Self-sharpening, cuts 5" wide swath. Die cast aluminum housing—shears weigh just over 3 lbs. 4-position, adjustable auxiliary handle; handy on-off switch. Handle-roller attachment, on plastic wheels, lets you trim as fast as you walk. Special clamp holds cord next to handle, out of the way. 10 teeth (5 on each blade); 1800 strokes per minute. 9' cord. 115V, 50-60 cycles, AC-DC, 2.5 amps. Shpg. wt., 9 lbs. Net 19.95
 HD-824
 EXTENSION CORD. 50-ft., 3 cond. Shpg. wt., 2 1/4 lbs. Net 3.51
 EL-109

POWER TOOLS SELECTED FOR QUALITY-VERSATILITY

WEN 'SOUPED UP' SABRE SAW MODEL 909



- HEAVY DUTY—FULL 6 AMP.
- 1/2 H.P. MOTOR—1" STROKE
- LARGEST CUTTING CAPACITY
 - 6" 90° CUT
 - 4" 45° CUT

3305

NO MONEY DOWN

Bigger — more powerful — more versatile — faster cutting. Super-long blade easily cuts through 6x6" lumber. Cuts 4x4" at a 45° angle! Power enough to cut steel plate up to 1/2" thick—iron pipe up to 2" in diameter. Comfortable—conventional saw grip with auxiliary knob for 2 hand control. Saw tilts 45°—sole plate always remains flat. Finger control trigger-switch. Constant air stream flows dust from line of cut. 3400 1" strokes per min. Includes seven blades for cutting wood — steel — hardboard — sheet metal — pipe — leather — rubber — formica — etc. Equipped with rip guide and circle cutter guide. 8 ft. 3 cord and adapter. 110 watts. 6 amp., AC-DC. 8Lx7Wx7 1/2"H. Shpg. wt., 8 1/4 lbs.

HD-466 Net 33.05
Net each in lots of 3 29.37

912 Saw Table — Makes the "909" a Bench Saw

Heavy duty, rugged table for straight cuts, circle, curve, bevel and angle cuts. An aid to safe, efficient, professional type work. 18x18x8 1/2". Shpg. wt., 14 lbs.

HD-852 Net 11.21

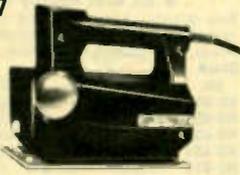
Extra Blades for "909" and "920"

Rough work blades of high carbon, high chrome steel. Metal cutting blades of high speed steel. Average shpg. wt., 4 oz.

- HD-853 1/2 x 7 x 1/2" —Very fast rough cuts, pkg. of 3 Net 1.26
- HD-854 1/2 x 3 1/2" —Fast rough cuts, pkg. of 3 Net 1.05
- HD-855 3/4 x 2 3/4" —Medium cuts, pkg. of 3 Net .84
- HD-856 3/4 x 2 1/2" —Fine scroll cuts, pkg. of 3 Net .84
- HD-857 1/2 x 4" —Knife blade, pkg. of 3 Net .84
- HD-858 3/4 x 3 3/4" —High speed steel, pkg. of 3 Net 1.26
- HD-859 3/4 x 3 3/4" —High speed—extra fine, pkg. of 3 Net 1.26
- HD-705 One each of above blades, pkg. of 7 Net 2.38

WELLER HI-POWER PRO SANDER MODEL 77

- 4.8-Amp Motor
- 14,400 Strokes Per Minute
- Straight Line Action
- 26 Sq. In. Sanding Surface



Dynamic new heavy-duty reciprocating 4.8-amp motor gives 14,400 strokes per minute. Professional straight line action; sands flush to perpendicular surfaces on either side by simply moving knob to other side. Maintenance free—lubricated for life. Large 26 sq. in. sanding area. Handle, housing and plate of rugged plastic. Stroke length 3/8", 8-ft., 3-wire cord. 120V, 60 cycle, AC. Shpg. wt., 6 1/2 lbs.

HC-101 Net 14.66

BVI BELT SANDER



- Large Sanding Area—34 sq. in.
- Powerful Blower and Motor Cooler
- Sure Grip Handles

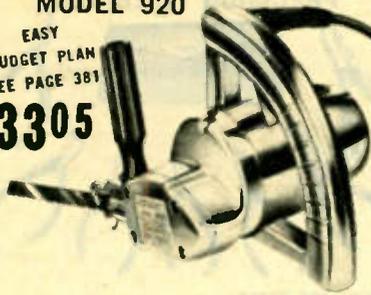
For the craftsman, carpenter or cabinet maker. Sands right into corners. Has a 2-way switch—for constant or momentary operation. 115V, 60 cycle rotary motor. Automatic belt tension. Its easy-to-grip handles make it a pleasure to operate. Comes complete with 2—2x1 7/8" belts—1 coarse, 1 medium. Shpg. wt., 8 lbs.

- HD-692 Very coarse, pkg. of 10, wt. 12 ozs. Net 2.30
- HD-693 Coarse, pkg. of 10, wt. 12 ozs. Net 2.30
- HD-694 Medium, pkg. of 10, wt. 12 ozs. Net 2.30
- HD-695 Fine, pkg. of 10, wt. 12 ozs. Net 2.30

NEW! WEN ZIPP SAW MODEL 920

EASY
BUDGET PLAN
SEE PAGE 381

3305



- Cuts Anything—Anywhere—Fast
- 1/2 HP, 4.25 Amp Motor
- "Free Hand" Cutting

The new Wen Zipp Saw handles like a keyhole saw, but the motor does the work. Uniquely designed base plate permits cutting flexibility without adjustments. Cuts metal up to 1/2" steel and wood up to 6x6"; flush cuts; fine scrollwork. Powerful 1/2 HP motor delivers 3200 1" strokes per minute. Heavy-duty roller and oilite bearings; heavy-duty hardened gears. Conventional saw grip with finger control trigger switch. Use it anywhere—from a construction job to a hobby shop. 115V, AC. Shpg. wt., 8 1/4 lbs.

HC-99 Net each 33.05
In lots of 3 Net each 29.37

WELLER SABRE SAW, MODEL 88

- 4.8-Amp Reciprocating Motor
- Ultra High Speed
- With 4 Wood-Cutting Blades and Blade Wrench



A versatile portable saw cuts up to 1 1/2" thickness in soft wood, 3/8" in hard wood. Rips, cross-cuts, scrolls, notches. Blade retraction frees blade of friction and chips. Ultra high speed with short stroke—excellent for cabinet and finish work. Easily handled, doesn't buck. Air-cooled 4.8 amp reciprocating motor. High impact thermoplastic housing. Complete with 8-ft. cord, 4 wood-cutting blades, blade wrench. 120V, 60 cycle, AC. Shpg. wt., 6 1/4 lbs.

HC-100 Net 16.86

DREMEL MOTO-TOOL KIT



Designed for light grinding, polishing, drilling, carving, sanding, sawing, engraving, routing, etc. Handles as easily as a pencil. Does fine detail work with pinpoint accuracy. Ideal in shop, industry, lab, hobby, model making, home work shop, etc. Automatic chuck lock—oil-less bearings—bakelite housing. Works in wood—metal—plastics—glass—leathers—etc. Includes steel cutters, emery wheels, drum sander, mandrels, brushes, cut-off wheels, polishing wheels, dressingstone, polishing and sanding accessories, etc. All in steel case, 110-120V. AC/DC. Shpg. wt., 5 lbs.

HD-292 Net 19.13

DREMEL MOTO-SAW



Lightning fast — makes 7200 strokes per minute and cuts 1 foot a minute through wood up to 3/4" thick! The only electrically driven hand jig saw that works on assembled projects, cuts at any angle and handle. For 110 volts, 50/60 cycles. AC. Supplied complete with cord and plug and 3 blades. Shpg. wt., 2 lbs.

HD-293 Net 5.37
HD-294 12 extra Blades 6 oz. Net .47

WEN 2 SPEED 3/8" POWER DRILL MODEL 808

- Delivers Maximum Torque Under Load



- Hi Speed—3000 RPM—Low Speed 1000 RPM

- Capacity in Wood 1/4" to 2 1/2"—In Steel 1/4" to 1/2"

- Ball Thrust Bearings

EVERYTHING NEEDED IN AN ELECTRIC DRILL WITH THIS ONE TOOL

One drill with the proper speed and torque for every job. Husky—powerful—but not bulky. Hi speed for sanding—sawing—grinding—brushing—buffing. Low speed for polishing—waxing—screwdriving—paint mixing—masonry drilling. Ingeniously wound motor delivers maximum torque under load. Auxiliary handle can be inserted at top or bottom. Change speed by shifting 3/8" geared chuck to other power take off. Trigger switch with locking pin. 6 ft. rubber covered cord. UL approved. Overall length 12 1/4" 110-120V. AC/DC. Shpg. wt., 5 lbs.

HD-467 Net 19.97

RAM 2-WAY ELECTRIC SANDER MODEL R-120

Orbital or Straight Line

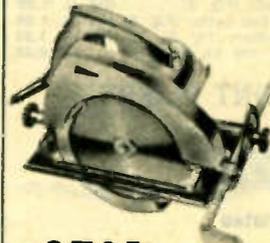
- 3/8" Stroke Orbital or Straight
- Positive Slide Switch



A heavy-duty electric sander with 3/8" stroke in orbital or straight line. Features 2.4 amp, universal series wound motor. Heavy-duty ball bearing and self-lubricating sleeve bearings. Pad size: 3 3/4"x7 1/4"; sandpaper size: 3 3/4"x9". Industrial mirror finish. 6-ft., UL approved cord. 115V, 60 cycles, AC-DC. Shpg. wt., 5 lbs.

HC-98 Net 16.88

RAM "88-3" 7" POWER SAW



- HEAVY DUTY, INDUSTRIAL
- 1 1/4 HP MOTOR
- 8 AMPS
- 4500 RPM
- CUTS 2 1/4" DEEP

2795

Newly designed model features a powerful 1 1/4 horse-power motor with self lubricating Moly Sulphite bearings. 7" blade diameter, 3/8" round arbor hole. Cuts to a depth of 2 1/4". Angle of cut can be adjusted from 0° to 45°, with depth of cut of 2 1/4" at 45°. No load motor speed 4500 R.P.M. This rugged but lightweight saw is designed for effortless one-handed operation. For 110-120 volts AC/DC. Lustrous mirror finish. Combination rip and cross-cut blade and rip-guide included. Slip clutch. UL approved, 3 conductor cord with 2 prong adaptor. Shpg. wt., 15 lbs.

HD-359 Saw—Net 27.95

SAW TABLE. Perfect complement to the "88-3" Saw. Allows cutting at any angle between 45° and 90°. Complete with miter gauge and rip fence. Shpg. wt., 12 lbs. HD-360 Saw table Net 11.65

COMBINATION OFFER. Consists of the HD-359 saw and HD-360 saw table, at a further saving in price. Net 36.90

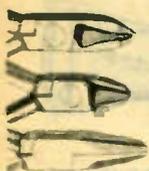
COMBINATION BLADE for up or crosscut work. HD-361 Shpg. wt., 1 1/2 lbs. Net 1.69

FLOORING CUT-OFF BLADE for smoother crosscut than combination blade. HD-362 Shpg. wt., 1 1/2 lbs. Net 1.69

PLANER BLADE will cut off, mitre, and rip smooth enough to eliminate sanding. HD-363 Shpg. wt., 1 1/2 lbs. Net 4.13

LAFAYETTE has MORE PLIERS LOWER PRICES BETTER QUALITY

VINYL INSULATED "TEKNIKIT"™ PLIERS



• Designed for the Technician and Hobbyist

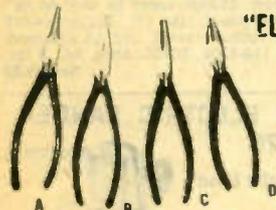
1.29 ea.

Heavy duty chrome plated pliers. Tough, fitted vinyl handle grips will insulate up to 10,000 volts. High leverage with easy-grip handles. Hand honed cutting edges and machine milled teeth. Guaranteed. Average shipping weight, 10 oz. Imported

- HD-837 6" Long curved nose cutter-stripper Net 1.29
- HD-838 5½" diag. cutter with stripping notch Net 1.29
- HD-839 5½" "Ground down" diag. cutter Net 1.29
- HD-840 6" Long reach-beveled nippers Net 1.29
- HD-873M Complete Kit of above Net 4.59

LAFAYETTE

"ELECTRO-PRO"™ PLIERS



1.99

- Long, Slender Design
- Handles Insulated in Green Plastic Grips

The long reach provided by these quality pliers will afford maximum convenience through leverage and ability to reach into hard-to-get-at places. Jaws are precision-matched, cutting edges hardened and specially honed. Constructed of the finest steel, heat-treated and brought to a smooth polished finish. These pliers are as attractive as they are rugged. Handles are covered by green plastic grips. Overall length, 8". Imported. Avg. shpg. wt., 8 ozs.

- HD-924 8" Round Nose (Fig. A) Net ea. 1.99
- HD-925 8" Flat (Duck-Bill) (Fig. B) Net ea. 1.99
- HD-926 8" Transverse End Cutter (Fig. C) Net ea. 1.99
- HD-927 8" Diagonal Cutters (Fig. D) Net ea. 1.99
- HD-951M 4-piece set, one ea. of above Net 6.40

ARC JOINT PLIERS

1.89



- Fully Chrome Plated

Heavy duty, slip-groove jointed water pump pliers. Fully chromed and polished. 5 adjustments. 1½" parallel opening. Forged steel. Deep milled jaws. 9½" long overall. Shpg. wt., 1 lb. Imported

- HD-896 Net 1.89



XCELITE SEIZER

All stainless steel. 6" long. They have unusual holding qualities necessary in many servicing situations. Shpg. wt., pkg. of 10, 1½ lbs.

- HD-528—No. 42H Straight Nose Net 4.27
- HD-528—No. 43H Curved Nose Net 4.44

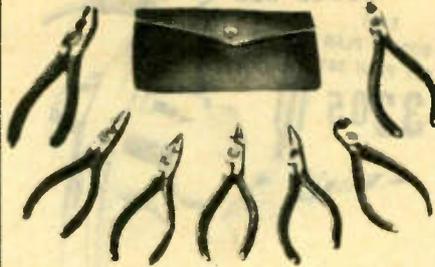
LIGHT WEIGHT LONG NOSE PLIER



.94

Ideal for all types of delicate work and for reaching into hard-to-get-at places. Spring closing—holds wires, nuts, screws, etc. Handy for mechanics, assemblers, hobbyists. 8¾" long, with soft plastic colored handles. HD-462 Shpg. wt., 4 oz. Net .94

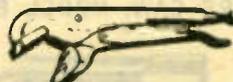
PRECISION PLIER SET



- JEWELERS TYPES
 - INSULATED HANDLES
 - FULL POLISHED CHROME PLATED
- 3.89**

Matched set of precision pliers for the technician-hobbyist-model maker-craftsman. Particularly suited to miniature electronic work. Size and handle shape matched for accurate exacting work. Overall length approximately 4½". Set includes combination side cutters—flat nose—cham nose—round nose—round/flat nose—diagonal cutters—and cutting nippers. All have insulated, cushioned handles. Drop forged from tool steel. Pre-selected types for a diversity of use. Extra heavy, poly-vinyl, roll up case. Clear view pockets. Can be rolled for easy carry—or hang above bench. Shpg. wt., 1 lb. 6 ozs. Imported

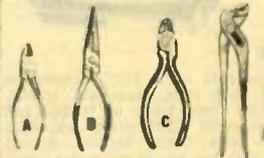
- HD-681 Net 3.89



LOCKING PLI-RENCH

Super power locking combination pliers, wrench, clamp and vise. Exerts over 1,000 lbs. of pressure. Heat treated, drop forged jaws. Machine milled teeth. Length 10". Shpg. wt., 1 lb. Imported

- HD-126 Net 1.20



ECONOMY PLIERS

Precision made, of heat treated, tempered and hardened steel, these are rugged, rust resistant tools which will withstand years of rough service. Shpg. wt. for each, 1 lb. Imported.

Fig. A. 6" DIAGONAL SIDE CUTTING PLIERS. Custom honed and fitted cutting edges.

- HD-49 Net .79

Fig. B. 8" LONG NOSE PLIERS WITH SIDE CUTTERS. With provision for stripping wires.

- HD-51 Net .89

Fig. C. 5" CHROME PLATED DIAGONAL CUTTERS. Also designed for crimping wire. Scientifically honed and fitted cutting edges.

- HD-355 Net .79

Fig. D. ADJUSTABLE WATER PUMP PLIERS. 8½" versatile, adjustable pliers with 5-position wrench type action.

- HD-52 Net .79

CURVE NOSE PLIERS



- Chrome Plated

Versatile long-nose pliers bent 45° at midpoint of jaws. Forged from special heat treated, alloy steel and chrome plated to resist rust. Hand honed side cutters. Shpg. wt., 10 oz. Imported.

- HD-834 Net .79



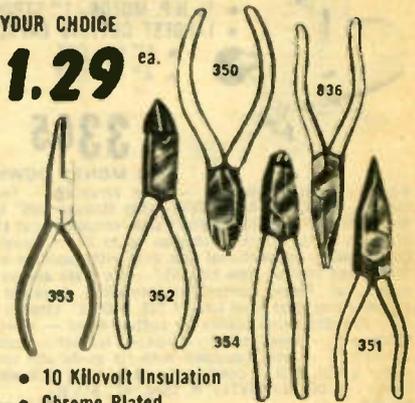
PLIER GRIPS

Tough non-skid insulation. Bright red for easy locating in tool box. Molded rings at end afford length desired. With instructions for applying. Shpg. wt., 6 oz. HD-125 Per Pair—Net .31

VINYL INSULATED "PROFESSIONAL" PLIERS

YOUR CHOICE

1.29 ea.



- 10 Kilovolt Insulation
- Chrome Plated
- Tested Beyond Professional Specifications

Professional quality—heavy duty—forged from special heat treated, alloy steel. Chrome plated to resist rust. Insulated with fitted, vinyl, non-slit handle grips—protects up to 10,000 volts. Hand honed cutting edges. Machine milled teeth. Handles shaped for easy grip and maximum leverage. Short fulcrum distance for greater gripping power. Unconditionally guaranteed by Lafayette. Average Shpg. wt., 10 oz. Imported

- HD-350 6" Diagonal cutter-wire stripper Net 1.29
- HD-351 6" Long nose-side cutter-wire stripper Net 1.29
- HD-352 6" Electronic oblique cutter-wire stripper Net 1.29
- HD-353 6" Long chain nose-side cutter-gripper Net 1.29
- HD-354 7" Linesman's side cutters-beveled nose Net 1.29
- HD-836 5½" Transverse end nippers Net 1.29

KRAEUTER "INDUSTRIAL" PLIERS



- All With Heavily Insulated Handles

Fine quality—hammer-forged from high grade tool steel. Individually fitted, tempered and adjusted. Fully polished heads. Rust-resistant cushion grip handles.

| No. | Type | Fig. | Description | Net |
|--------|----------|------|---------------------------|------|
| HD-650 | 4501-5CG | A | 5" Diagonal Cutters | 2.35 |
| HD-651 | 4501-6CG | A | 6" Diagonal Cutters | 2.72 |
| HD-652 | 5601CG | B | 5" Needle Point Diagonals | 3.13 |
| HD-653 | 1661CG | C | 6" Long Nose Side Cutter | 2.68 |
| HD-654 | 1631CG | D | 5½" Curved Long Nose | 2.86 |
| HD-655 | 1830CG | E | 6½" Side Cutters | 2.42 |
| HD-656 | 710 CG | F | 10" Joint Pliers | 2.57 |
| HD-657 | 1663CG | G | 6" End Cutters | 3.56 |
| HD-658 | 2612CG | H | 6½" Wire Stripper Diag. | 3.39 |
| HD-659 | 4610CG | I | 7" Heavy Duty Diag. | 2.62 |

CHANNELLOCK ELECTRONIC PLIERS



- SPECIALLY DESIGNED

Forged from high grade steel, properly heat treated, precision machined for precision work. Specially designed for fine electronics work, these four pliers will satisfy more than 90% of service, repair and construction needs. Do hundreds of jobs easier, faster. Long, slender reach—precision-matched jaws—hand-honed, specially hardened cutting edges. Blue plastic grips. The 748-long reach, end cutters are fine enough to cut a human hair—rugged enough to cut 12 gauge copper wire. The 738-long reach, round nose will pick up a human hair with its precision machined parts. The 728-long reach diagonal cutters have a patented wire stripper that really works. The 718—long reach, flat nose has a bulldog grip with watchmakers precision. Length 8". Avg. Shpg. wt., 8 ozs.

- HD-640 748 Long reach-end cutter Net 2.63
- HD-641 738 Long reach—round nose Net 2.33
- HD-642 728 Long reach—diagonals Net 2.63
- HD-643 718 Long reach—Flat nose Net 2.33

TOOLS FOR THE TECHNICIAN AND HOBBYIST

LAFAYETTE VIBRO-ENGRAVER

• Easy To Use As A Pencil • Writes On Glass, Gold, Silver, Chrome, Wood • Complete—Ready To Use With 2 Hardened Engraving Points and Gold Filler



A handy featherweight marking and engraving tool with a hundred and one applications. Permanent identification—because marks are actually engraved. Can't be erased, wiped off or rubbed out. Ideal for industrial and hobby use to engrave names on tools, name plates, silverware, decorate glass, identify jewelry or radio chassis, etc. In fact you can engrave just about anything with this remarkable tool. Features a pencil-thin plastic body completely enclosing the durable vibro-mechanism; interchangeable tips, speed adjust and a handy AC line cord. On/off switch. Complete with 2 points and gold filler. Shpg. wt., 8 oz.

HD-986 Net 7.95

NEW DYMO TAPEWRITER

• FOR HOME, OFFICE, BUSINESS, SHOP, SCHOOL, ETC.



Instant label maker

Professional, raised-letter labels in plastic vinyl made in seconds with this new label-maker. Fine embossed labels are now easy to make. Just dial words and numbers and squeeze handle. Letters and digits come up white against colored background. Chrome plated aluminum tool has rugged embossing dies capable of making thousands of impressions. Less adhesive backed tapes (see listing below).

HD-960 M5 Tapewriter. Shpg. wt., 1 lb. Net 24.95

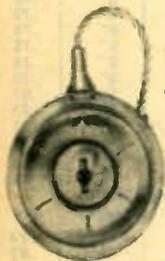
Embossing Tape Magazines. Each 120" long x 3/4" wide vinyl tape. Glossy with adhesive back. Shpg. wt., 3 oz.

| Stock No. | Color | Stock No. | Color |
|-----------|-------|-----------|-------|
| HD-961 | Brown | HD-964 | Clear |
| HD-962 | Black | HD-965 | Blue |
| HD-963 | Red | HD-966 | Green |

NET EACH 1.25

CABLE LOCK

- Stainless Steel Construction
- Over 1-Yard Aeroplane Cable
- Compact and Lightweight



ONLY 3.39

A new type of lock that performs multiple service—luggage, auto, house, bike, sports equipment, etc. Just pull out the flexible cable (tested for strength at 2000 lbs.), stop, and lock it at the length required as it conforms with the shape of the object. Stainless steel construction—locking mechanism cannot rust. Compact in size: weighs only 5 1/2 ozs.

HD-997 Shpg. wt. 1 lb. Net 3.39

285 ALL-PURPOSE ALUMINUM PLANE



- 4-Edge Disposable Blade Never Needs Sharpening
- Nickel-Plated Screws and Clamp

An all-purpose plane with a tough aluminum rust-proof body. Features a unique disposable chrome-vanadium blade with four factory-sharpened and tempered cutting edges—simply rotate the numbered blade as used edge dulls; no sharpening necessary. Accurate vertical adjustment for tissue-thin to coarse planing; new clamp design prevents shatter. Form-fitting handle and knob. Gold hammertone finish, 10" overall length. 1 1/4" blade.

HD-893 Shpg. wt., 2 lbs. Net 2.85

5 1/2" SPRING-RETURN CUTTERS

- High Grade Steel



A high quality diagonal cutting plier most often used in service shops, labs, and production lines. Sturdy spring-return—can't catch fingers. Custom honed edges will provide trouble-free service. Size: 5 1/2" overall. Shpg. wt., 6 ozs. Imported.

HD-779 Net 1.49



REVOLVING LEATHER PUNCH

.99

Has 6 standard punching tubes. Made of long-lasting tempered steel. Shpg. wt., 12 ozs.

HD-914 Net .99

.89 UTILITY-SWIVEL MIRROR



- 14" Reach • 2 1/4" Diameter Mirror
- Comfortable-Grip Handle • Swivel-Head

A handy little aid for mechanics at home or in the shop. Large 2 1/4" diameter mirror on a swivel arm enables you to look into hard-to-see places—no need to "work in the dark". Brightly chrome-plated with easy-to-grip plastic handle. Overall 14" long.

HD-996 Shpg. wt. 8 ozs. Net .89



NEW! ONE-PIECE MOLDED TOOL HOLSTER

.99

- No Rivets or Seams to Give-way
- Impervious to Rot, Mildew, Moisture
- 5 Pockets

Here's a one-piece molded tool holster that will give you years of service. No more seams to tear, rivets to pop; no more rotting due to mildew or moisture. 5 pockets—center pocket, 2 front pockets, 2 deep side loops. Double belt loop. Overall 9 1/2" x 6 3/4".

HD-734 Shpg. wt., 8 oz. Net .99



LEATHER TOOL HOLSTER

1.59

Heavy, pliable, top grain leather. Stitched and riveted. 5 pockets and tape sling. Practical, rugged tool carrier. Overall size 8 1/2 x 10". Shpg. wt., 1 lb. Imported

HD-860 Net 1.59

UTILITY KNIFE SET



- Includes Keyhole Saw Blades

.74

Five piece set includes 1-handle, 2-saw blades, and 2-knife blades. Ideal for cutting wood, metal, linoleum, opening cartons. All metal construction. Knife blades store in handle. Shpg. wt., 10 oz. Imported

HD-635 Net .74

NEW! PRUNING SAW



1.97

Remarkable new blade development for all fast pruning-trimming-wood sawing. Fine Sheffield steel blade combined with heavy duty hacksaw frame. The ideal tool for pruning-cutting green or dried logs-rough or heavy lumber. Perfect for campers-foresters-public utilities, etc. Cuts three times faster than ordinary saws. Shpg. wt., 2 lbs. Imported

HD-454 M Net 1.97

HD-453 Blade only, fits all 12" Hack saws Net .83

HD-211 Heavy Duty Hack saw Net 1.35

ELECTRA-SPRAY

- FOOLPROOF SPRAY PAINTING
- INCLUDES NEW VISCOMETER



746

Sprays every kind of sprayable paint or liquid—adjustable, jeweled nozzle provides fine, medium or coarse spray. Completely rustproof construction. Brass and stainless steel parts. High impact plastic housing. 22 ounce interchangeable mason-type jar. Electro-magnetic motor never needs oiling or adjustment. Comfortable pistol grip handle with self-releasing trigger switch. The new VISCOMETER insures perfect paint consistency—regardless of brand—every time. Complete with 8 ft. heavy duty cord, 22 ounce jar, viscometer, wrench and instructions. For 115 V. A.C. only. Shpg. wt., 5 lbs.

HD-691 Net 7.46

AERO/MATCH SPRAY BRUSH



only 1.83

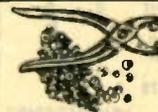
- SPRAYS EVERY TYPE OF PAINT

- CAN SPRAY MIXED COLORS
- COMPLETELY PORTABLE—NON-ELECTRIC

Now you spray and match exactly the same paint you buy for brushing. Since you fill the sprayer with your own paint, you can match anything—even multi-colors. The 15 oz. power unit is bigger, more powerful—outlasts about three aerosol paint cans. Operates on a non-toxic, non-inflammable, pressurized gas. Unsurpassed for small or medium paint spraying. Spray brush requires no special skill... easy to use... easy to clean. Precision spray needle is made of metal and set in metal. Not affected by paint solvents. Can spray any liquid paint, insecticide, polish, antiseptic, etc., and many powders.

HD-972 Net 1.83

HD-973 Replacement Power Unit Net 1.24



2 in 1 EYELET TOOL

PUNCHES HOLE—SETS EYELET AT SAME TIME

.99

Punches holes and sets eyelets in fabric—canvas—leather—paper. Use it on belts, shoes, sneakers, tarpaulin, luggage, sports equipment, flags, banners, shower curtains. Prevents tearing of materials—actually strengthens them. Complete with 300 assorted eyelets and instruction. Wt., 1 lb.

HD-906M Net .99

HD-669 Pkg. of 300 Eyelets Net .29



SNAP TOOL FASTENER .99

Eliminates tiresome button sewing—No more need to search for matching buttons. Simple to operate—Works every time. Comes complete with 8 sets of brass and 8 sets of nickel positive grip fasteners. Many uses—Perfect for shirts, dresses, playthings—Ideal for gloves, shoes, belts and many more. Shpg. wt., 1 lb.

HD-907M Net .99

HD-830 Package of 10 nickel and brass snap fasteners Net .29

285 SWEDISH STEEL CHISEL SET

- SIZES 1" - 3/4" - 1/2" - 1/4"



Rugged, tang type, well balanced chisels. Tang extends well into plastic handle. Tough plastic handles outlast woc. Won't mushroom or break. Hand forged hardened Swedish steel, heat treated for lasting sharpness. Shpg. wt., 1 1/2 lbs.

HD-426 Net 2.85

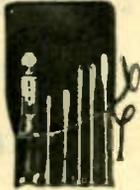
Depend on



For Outstanding Values!

6 PIECE RATCHET SCREW DRIVER SET

Three-way ratchet with brass gear mechanism. Five interchangeable fully polished, hardened and tempered tool steel blades. Unbreakable, shockproof, non-inflammable amber handle. Consists of 1—3/4 x 1/8 cabinet, 1—3/4 x 3/16 cabinet, 1—5/2 x 1/4 mechanic, 1—Phillips #1 4/4 x 3/16, 1—Phillips #2 1/2 x 1/8, 1—Amber ratchet handle with chuck. In plastic roll up kit. Shpg. wt., 1 lb. **HD-159** Net .98

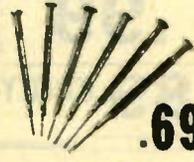


MINIATURE SCREWDRIVER-NUTDRIVER SET

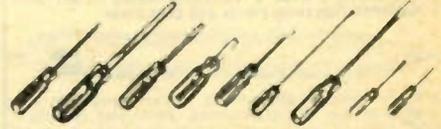
Five indispensable tools for the hobbyist and technician. Includes slim shaft 1/4" and 3/16 x 3" hex nut drivers, 1—miniature cross point, 1—3/16 x 3" standard, and one .100 Jeweler's screwdriver. Comes with case holding all five tools. Fits easily in any pocket. Shpg. wt., 4 oz. **HD-832 Imported** Net .79

WATCHMAKERS PRECISION SCREWDRIVER SET

Handy set of 6 precision screwdrivers with nickel-plated knurled handles, swivel heads and tempered steel blades. One each from No. 0 to 5—blade sizes: .025" to .100". In plastic kit. Shpg. wt., 3 oz. Imported **HD-444** Net .69



XCELITE-HIGH QUALITY TOOLS



First quality—rugged—skillfully made—screwdrivers and hex nut drivers. Forged of Chrome Vanadium electric furnace steel. Shock proof—break proof Xcelite plastic handles. Winged end of shaft prevents turning of blade in handle. Perfect burr-free sockets, deep enough to hold two nuts at once. Nut driver handles are color coded. Average shpg. wt. of screwdriver is 6 ozs.—of nut driver 8 ozs.

159 10 PIECE NUT AND SCREW DRIVER SET

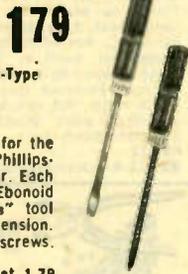
Fully polished, hardened tempered, tool steel blades and hex-drivers fine chromite plated for long life. Six nut drivers—3/16", 1/4", 5/16", 3/8", 7/16", 1/2". Three screw driver blades—6" x 1/4", 3 1/2" x 1/8", Phillips #2 5 1/2" x 1/4". Unbreakable, shockproof, non-inflammable amber handle with flanged chuck. Complete with heavy plastic roll up kit. Shpg. wt., 1 lb. **HD-160** Net 1.59

AUTOMATIC SCREWDRIVER-DRILL

• **6 SCREWDRIVER AND DRILL BITS**
A three way sprat ratchet screwdriver with 6 replaceable blades, 3/16", and 1/4" standard screwdriver blades; 1 cross point blade; 3/16", 1/4" and 3/8" drill bits. All blades and bits are stored in the clear plastic handle for convenience. 10 1/2" long. Shpg. wt., 1 lb. Imported **HD-842** Net 2.39

2-PC. MAGNETIZED "TWO-FISTER" SCREWDRIVER SET

• For 2-Handed Use on Phillips-Type and Regular Screws
• Unbreakable Ebonoid Plastic Handles
Big "Two-Fister" screwdrivers for the really tough jobs—one for Phillips-type screws and one for regular. Each over 14" long with 6 1/4" Ebonoid plastic double handle and 3/8" tool steel blades with giant 8" extension. Magnetized to pick up and hold screws. Shpg. wt., 1 1/2 lbs. **HD-929** Net 1.79



MINIATURE SCREW HOLDING SCREW-DRIVER SET

A tiny SCREW HOLDING Screw Driver Set that contains a swiveltop driver handle whose solid locking chuck takes either the 2 1/2" or the 1 3/4" length blades. Each blade can interchangeably take the spring steel clip that holds all tiny screws better than fingers. All four parts are cleverly contained in a plastic case. Shpg. wt., 4 ozs. **HD-646** Net .89



PRECISION SCREWDRIVER SET

Five Interchangeable blades insert quickly and firmly into chuck. Blades are precision machined, hardened steel in sizes .100", .080", .070", .055" and 1 awl. Handle has swivel top. Perfect for repairing radios, appliances, cameras, electric razors, musical instruments, etc. Excellent for kite and model builders. Complete with base and transparent dust cover. Shpg. wt., 8 ozs. **HD-42** Net .99

NAIL DRIVER/SCREW STARTER

Starts nails and screws straight, anyplace. Heat-treated steel driver rod; rubber sleeve. 8 1/2" long. Shpg. wt., 1 lb. **HD-915** Net, ea. .99

ELECTRICIAN'S POCKET KNIFE

Two-blade knife with safety locking device. Blades: screwdriver, wirescraper; spearshape. Overall size: 3 3/4". Complete with belt loop. Shpg. wt., 6 oz. **HD-912** Net .99



SCREWDRIVERS ROUND BLADE—polished, flanged blades

| Stock No. | Type # | Shaft Size | Overall | Net |
|-----------------------------------|----------|------------|---------|------|
| HD-484 | R144 | 4" x 1/4" | 8" | .78 |
| HD-485 | R146 | 6" x 1/4" | 10" | .84 |
| HD-486 | R148 | 8" x 1/4" | 12" | .90 |
| HD-487 | R182 | 2" x 1/8" | 2 1/2" | .33 |
| HD-488 | R183 | 3" x 1/8" | 5" | .27 |
| HD-489 | R184 | 4" x 1/8" | 6 1/2" | .39 |
| HD-490 | R186 | 6" x 1/8" | 8 1/2" | .42 |
| HD-491 | R188 | 8" x 1/8" | 10 1/2" | .54 |
| SET-SCREW TYPE—with pocket clip | | | | |
| HD-492 | R184 1/2 | 4" x 1/8" | 6" | .27 |
| HD-493 | R323 | 3" x 3/32" | 5" | .27 |
| SQUARE BLADE—heavier duty | | | | |
| HD-494 | S144 | 4" x 1/4" | 8" | .81 |
| HD-495 | S146 | 6" x 1/4" | 10" | .87 |
| HD-496 | S148 | 8" x 1/4" | 12" | 1.02 |
| HD-497 | S3164 | 4" x 3/8" | 7 3/8" | .69 |
| PHILLIPS SCREWDRIVERS—alloy steel | | | | |
| HD-498 | X101 | 3" #1 pt | 6 1/2" | .69 |
| HD-499 | X102 | 4" #2 pt | 7 3/4" | .87 |
| HD-500 | X103 | 6" #3 pt | 10" | 1.17 |
| HD-501 | X108 | 6" #1 pt | 10" | .75 |

HEX NUT DRIVERS

*Used as Volume Control Wrench

| Stock No. | Type # | Nut Size | Length | Net |
|-----------|--------|----------|--------|-----|
| HD-502 | 6 | 3/16" | 6" | .75 |
| HD-503 | 7 | 1/4" | 6" | .75 |
| HD-504 | 8 | 5/16" | 6" | .75 |
| HD-505 | 9 | 3/8" | 6" | .75 |
| HD-506 | 10 | 7/16" | 6" | .75 |
| HD-507 | 11 | 1/2" | 6" | .75 |
| HD-508 | 12 | 5/8" | 6" | .75 |
| HD-509 | A8 | 1/4" | 9" | .87 |
| HD-510 | A10 | 3/8" | 9" | .87 |
| HD-511 | A12 | 1/2" | 9" | .87 |
| HD-512 | S8 | 1/4" | 3 1/4" | .63 |
| HD-513 | S10 | 3/8" | 3 1/4" | .63 |
| HD-514 | S12 | 1/2" | 3 1/4" | .63 |

HOLLOW SHAFT NUT DRIVERS

| Stock No. | Type # | Nut Size | Length | Net |
|-----------|--------|----------|--------|------|
| HD-515 | HS8 | 1/4" | 6 7/8" | .93 |
| HD-516 | HS10 | 3/8" | 6 7/8" | .93 |
| HD-517 | HS11 | 1/2" | 6 7/8" | .93 |
| HD-518 | HS12 | 5/8" | 6 7/8" | .93 |
| HD-519 | HS14 | 3/4" | 6 7/8" | 1.05 |
| HD-520 | HS16 | 7/8" | 6 7/8" | 1.08 |
| HD-521 | HS18 | 1" | 6 7/8" | 1.14 |
| HD-522 | HS20 | 1 1/8" | 6 7/8" | 1.26 |

NEW! 4-WAY POCKET TOOL

Extremely handy tool for assembling and disassembling. It's a 1/4 and 3/8" nut driver, a no. 1 Phillips screwdriver, and a 3/16" slotted screwdriver. **HD-882** Net 1.35



165 "RUBBERGRIP" SCREWDRIVER SET

• 4 Most Needed Screwdrivers
• Rubbergrip for Comfort and Torque
Rubber inlaid handles grant maximum comfort and maximum torque. Can't bite into your hands no matter how hard you grip and turn. Extra "Lift" improves balance. Blades are hardened and tempered. Plated to resist corrosion. Set contains 5" x 3/16 and 6" x 1/4 standard drivers plus 3" x 3/16 #1 and 4" x 1/4 #2 recessed drivers. Shpg. wt., 1 lb. **HD-455** Net 1.65

12 PIECE SCREW DRIVER SET

• 10 Popular Size Drivers
• 2 Metal Wall Racks
Here is a 12-piece screw driver set that contains a size for every job and for every need. Magnetized blades. Plastic handles U.L. approved. Includes 2 metal wall racks for easy mounting. Shpg. wt., 12 oz. **HD-406** Net .99



NO. 137 BENCH SET

Sturdy, handy, metal bench set. The most frequently used nut drivers—color coded handles—highly polished blades. Size: 3/16, 1/4, 5/16, 3/8, 1/2, 5/8". Shpg. wt., 3 lbs. **HD-527** Net 6.46

NO. 127 WALL SET

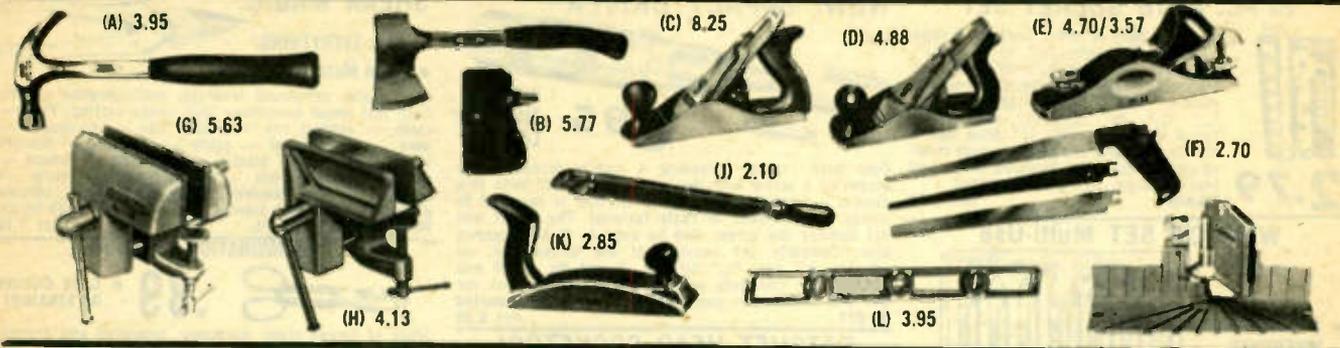
Seven most popular, color coded Nut Drivers in a "borrow-proof" steel wall rack. Includes wrenches from 3/4 to 3/8". All blades highly polished. Metal holder in red wrinkle finish. Shpg. wt., 2 1/2 lbs. **HD-524** Net 5.97



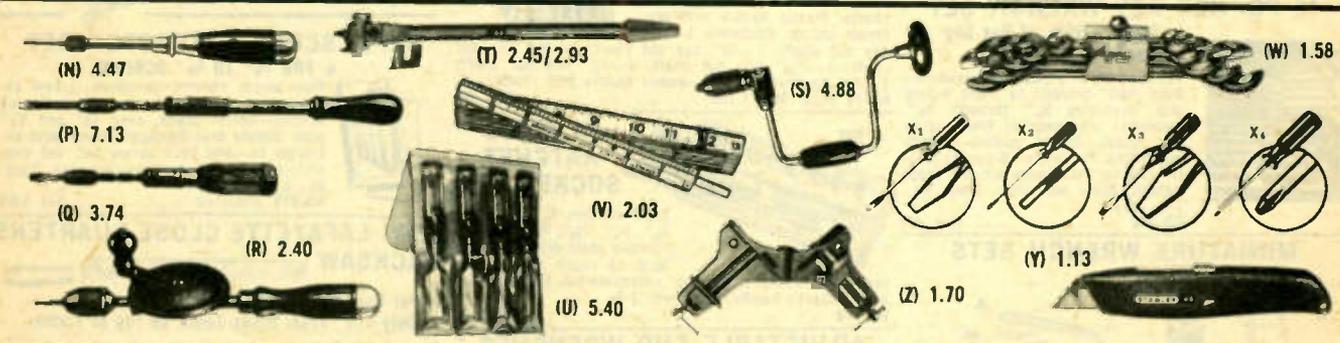
NO. 99 PR MULTI-PURPOSE SET

11 interchangeable nut drivers and screwdrivers in a durable roll plastic kit. 9 nut drivers from 3/16 to 1/4"—double ended standard screwdriver—double ended Phillips screwdriver—single handle for all blades. All blades interchange easily. Shpg. wt., 2 lbs. **HD-525** Net 8.67
No. 99 JR—Pocket size version of the famous 99 PR. You get 7 nut drivers, 3/16 to 3/8"—2 Phillips blades—2 standard screwdriver blades—and 99—2 handle. All in roll-up durable plastic kit. Shpg. wt., 1 1/2 lbs. **HD-526** Net 7.50

STANLEY HAND TOOL CENTER



- (A) STEELMASTER CURVED-CLAW HAMMER. All-steel hammer with "rim-tempered" face — minimizes chipping, assures greater safety. Chrome-plated handle; neoprene rubber grip. 13" long. HG-125 Shpg. wt., 1½ lbs. Net 3.95
- (B) STEELMASTER CAMP AXE w/SHEATH. All-steel with contoured and perforated neoprene-rubber grip. Beveled nail slot. 3" sharpened cutting edge. Overall 13¾" long. HG-126 Shpg. wt., 2 lbs. Net 5.77
- (C) SMOOTH BOTTOM ADJUSTABLE BENCH PLANE. Of finest iron castings, with hardwood handle and knob. Cutter adjusts for thickness and evenness of shaving. 9" long overall; cutter width 2". HG-127 Shpg. wt., 3¾ lbs. Net 8.25
- (D) HANDYMAN ADJUSTABLE BENCH PLANE. Tempered tool steel, fully adjustable cutter. Nickel plated lever; black hardwood handle and knob. Overall length 9"; cutter width 2". HG-128 Shpg. wt., 3½ lbs. Net 4.88
- (E) ADJUSTABLE BLOCK PLANE. Adjustable cutter rests at an angle of 21°. Convenient "Handy" grip. Overall length 6"; cutter width 1¾". HG-129 Adjustable Throat. Shpg. wt., 1½ lbs. Net 4.70
HG-130 Regular Throat Net 3.57
- (F) KEYHOLE SAW. Quick-change locking head holds blade in 8 positions. Pistol grip handle. With 3 blades — wood, metal, pruning. HG-131 Shpg. wt., 1¼ lbs. Net 2.70
HG-132 Replacement Wood Blade Net .45
HG-133 Replacement Metal Blade Net .53
- (G) WOODWORKER'S VISE. Clamps on bench up to 2¼" thick. Gray iron with replaceable pressed wood face plates. Steel parts nickel-plated. Jaw width 5", opens to 3½". HG-134 Shpg. wt., 5½ lbs. Net 5.63
- (H) ALUMINUM WOODWORKER'S VISE. Lightweight aluminum alloy. Mounts to bench up to 2¼" thick. Full turn handle clearance from any position. Jaw width 5"; opens to 3½". HG-135 Shpg. wt., 3 lbs. Net 4.13
- (J) "SURFORM" FILE. Die cast aluminum body; black hardwood handle. Ribbed section on front of body for 2-hand use. With regular cut, flat Sheffield tool steel blade. 16¾" long. HG-136 Shpg. wt., ½ lb. Net 2.10
- (K) "SURFORM" PLANE. Die cast aluminum body; hardwood handle and knob. For surface forming wood, plastics, leather, soft metals. With flat regular cut Sheffield tool steel blade. 10" long. HG-137 Shpg. wt., ¾ lb. Net 2.85
- (L) HANDYMAN ALUMINUM LEVEL. Rigid, warp-proof, lightweight aluminum body. 6 vials permanently set in plaster; unbreakable plastic magnifying vial protectors. 24" long. HG-138 Shpg. wt., 1½ lbs. Net 3.95
- (M) HANDYMAN MITRE BOX. Rigid all-metal; use with back or panel saw. Saw guide sets at 90°, 60°, 45° and 30°. Adjusting screw for proper saw tension. Bolt slots in base. Overall 12¾x3¾". HG-139 Shpg. wt., 4¼ lbs. Net 4.50



- (N) YANKEE PUSH DRILL w/8. DRILL POINTS. Tough plastic and polished aluminum handle. Flange on lower handle for thumb rest when using drill. Eight drill points, ¼" to 1¼" store in magazine handle — simply unscrew aluminum cap. HG-140 Shpg. wt., ½ lb. Net 4.47
Set 4 Drill Points. ¼", ¾", 1", 1¼". HG-141 Shpg. wt., 2 oz. Net .72
 - (P) YANKEE SPIRAL RATCHET SCREW DRIVER with 3 BITS. Quick return spring keeps blade in screw and pushes handle back quickly. For regular use. Length bit extended 20¾", bit closed 15". With 3 bits — ¼", ½", ¾". HG-142 Shpg. wt., 1½ lbs. Net 7.13
 - (Q) YANKEE-HANDYMAN SPIRAL RATCHET SCREW DRIVER. Complete with extra ¾" screw driver bit and 3 drill points (¾", 1", 1¼") — all fit into transparent plastic magazine handle. Length bit extended 10", bit closed 7¾". Quick-return. HG-143 Shpg. wt., ¾ lb. Net 3.74
 - (R) HANDYMAN HAND DRILL. All-steel frame; hardwood handle; 3-jaw steel chuck, ¼" capacity. Smooth running gears and single pinion. Nickel plated steel trim. Overall 11" long. HG-144 Shpg. wt., 1½ lbs. Net 2.40
8 DRILL POINTS. ¼" to 1¼". In acetate vat. HG-145 Shpg. wt., 3 oz. Net .83
 - (S) "HANDYMAN" OPEN RATCHET BIT BRACE. Steel ratchet, ball bearing head, spring alligator jaws, hardwood head and handle. Nickel-plated finish on steel parts. 10" sweep. HG-146 Shpg. wt., 2½ lbs. Net 4.88
 - (T) "HANDYMAN" EXPANSIVE BIT w/2 CUTTERS. Tempered tool steel body. For hole size, set cutter to dimension desired and tighten screw. 2 interchangeable steel cutters, ½-1", 1-1½". HG-147 Shpg. wt., ¼ lb. Net 2.45
As above but with 2 cutters, ¾-1¾", 1¾-3". HG-148 Shpg. wt., ½ lb. Net 2.93
 - (U) "HANDYMAN" 4-PC. WOOD CHISEL SET. One-piece, tool steel blade and bolster, heat treated and beveled. Tough plastic handles. Thin blades—2½" long. Sizes: ¼", ½", ¾", 1". HG-149 Shpg. wt., 1½ lbs. Net 5.40
 - (V) FOLDING 6-FT. WOOD EXTENSION RULE. Features brass slide for extended 6" measure. Long-lasting yellow finish; graduated in 16ths. Extra thick hardwood sticks; brass-plated non-stretching joints. HG-150 Shpg. wt., 8 oz. Net 2.03
 - (W) "HANDYMAN" WRENCH SET. Five double-end drop forged wrenches with handy, nickel-plated holding clip. Satin chrome finish. Size openings from ¾" to ¾". HG-151 Shpg. wt., 1 lb. Net 1.58
 - (X₁-X₄) SCREW DRIVERS. Blade and tip of special alloy steel. Tough plastic handles are shaped and fluted for a comfortable grip. * Standard blade and tip; † square blade, standard tip; ‡ light blade; cabinet tip; § Phillips head, #1 point size; ** Phillips head, #2 point size.
- | Stock No. | Fig. | Shaft Dia. | Length | Overall Length | Shpg. Wt. | Net Each |
|-----------|----------------|------------|--------|----------------|-----------|----------|
| HG-152* | X ₁ | 7/16" | 3" | 6½" | 4 ozs. | 1.02 |
| HG-153* | X ₁ | 1/4" | 4" | 7¾" | 5 ozs. | 1.02 |
| HG-154* | X ₁ | 3/8" | 6" | 10½" | 8 ozs. | 1.25 |
| HG-155† | X ₂ | 1/4" | 4" | 7¾" | 5 ozs. | 1.10 |
| HG-156† | X ₃ | 3/8" | 6" | 10½" | 8 ozs. | 1.43 |
| HG-157‡ | X ₄ | 3/8" | 3" | 6¾" | 3 ozs. | .80 |
| HG-158‡ | X ₄ | 3/8" | 6" | 9½" | 5 ozs. | .83 |
| HG-159§ | X ₄ | 3/8" | 3" | 6" | 3 ozs. | .57 |
| HG-160** | X ₄ | 3/8" | 4" | 7¾" | 5 ozs. | .80 |
- (Y) RETRACTABLE BLADE UTILITY KNIFE. Blade projects to 2 cutting positions—full out and ¼ way. Lightweight aluminum handle; inside blade storage area; handy hang hole. 4 heavy-duty blades. Shpg. wt., 4 oz. HG-161 Net 1.13
 - (Z) SET 4 MITRE CORNER CLAMPS. Fully exposes both sides of the joint—allows you to put fastenings wherever you wish. Use on frames down to 3½" inside. Cast of aluminum alloy. Shpg. wt., 2¾ lbs. HG-162 Net 1.70

THE RIGHT TOOLS AT THE RIGHT PRICE

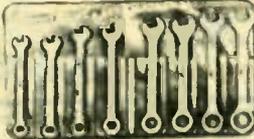
20 PC. AUTO SOCKET SET



Ideal for auto or home. Contains 8 regular 12-point sockets— $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ", and $1\frac{1}{8}$ " drive hex. L handle, 1 ratchet handle, 1 screwdriver adapter; also 7 ignition sockets— $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ", and $1\frac{1}{8}$ " internal knurled socket; $\frac{1}{2}$ " drive hex. L handle. All parts are properly heat treated and nickel-plated. Mounted in red wall bracket. Shpg. wt., 3 lbs. Imported
MD-446 Net 2.79

2.79

WRENCH SET Multi-Use



8 PRECISION WRENCHES

Fully nickel plated—special analysis alloy tool steel Heat treated and hardened. 16 sizes cover the most often encountered nuts in the automotive-TV-radio-appliance and hobby fields. Sizes range from $\frac{1}{16}$ " to $\frac{3}{4}$ ". Set includes case with transparent cover. Shpg. wt., 8 oz. **MD-405** Imported Net .69

NEW! 6-IN-1 HEX KEY WRENCH SET

6 Popular Sizes

Combined In One Tool

A handy six-in-one hex key set, including the most popular sizes found in set-screws, and other recessed hex-head screws. No longer is it necessary to search for a particular wrench—no longer is the desired size misplaced. Any of the six sizes can swivel out of the handle for instant use. Shpg. wt., .025. Imported
MD-894 Net .59

18 PC. HEX KEY WRENCH SET

Handles 99% of Hex Key Needs!

Set consists of 9 short arm wrenches from .050" through $\frac{1}{4}$ ", and 9 long arm wrenches $\frac{3}{16}$ " through $\frac{3}{8}$ ". Wrenches are made of fine quality tool steel. Bright plated—quality controlled. Packed in 18-pocket plastic roll up kit. Handy kit for shop, garage, home workshop. Shpg. wt., $1\frac{1}{2}$ lbs.
MD-242 Net .39



MINIATURE WRENCH SETS



Five, tiny, offset open end wrenches. All interchangeable use one handle. Tough, heat treated steel. Easily remove or attach the tiny nuts used in sub-miniature electronic work, hobby, aeronautical, automotive, etc. Sizes are $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{1}{8}$ " and $\frac{3}{16}$ ". Shpg. wt., 8 ozs.
MD-645 Net 1.64

HEX SOCKET WRENCHES

Five interchangeable, tiny hex socket wrenches. All fit the same handle. Hold tiny nuts for #00, #0 and #1 thread. Easily gets into recessed holes. Fits hex nuts $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{1}{8}$ " and $\frac{3}{16}$ ". Magnetized to hold those tiny ones firmly. Complete with dust proof, stand up case. Shpg. wt., 6 ozs.
MD-644 Net 2.61

PHILLIPS DRIVER & ALLEN WRENCH SET
 Chuck-type knurled steel handle accommodates #0 and #1 Phillips drivers and #4, #6, #8 Allen wrenches. Handle has torque lever for quick tightening. Handle plus 5 tools.
MD-952 Shpg. wt., 7 ozs. Net 1.64

AUTOMATIC PUNCH

Speedy, automatic, and adjustable—a single-hand operated punch gives light or heavy impressions with just the turn of a screw. Shpg. wt., 8 oz. Imported
MD-171 Net 1.98



NEW! IMPACT DRIVER



6.95

SPEEDY! TIGHTENS! LOOSENS!

Ever have trouble loosening a tightly turned, rusty screw, or a screw with the groove deformed? With this device, a small hammer rap is all that is required to loosen any corroded or rusty fastener. The driver will not damage the screw. Can be used to tighten screws also. Complete set consists of the driver tool, an adapter, $\frac{3}{16}$ " bit, $\frac{1}{2}$ " bit, No. 2 and No. 3 bit and cam. Comes complete with necessary instructions for use and metal tool case. Shpg. wt., 2 lbs. Imported
MD-971 Net 6.95

RATCHET HEAD SOCKET TOOL

Handles—carriage bolts, machine bolts, lag screws, sheet metal screws, machine screws, wood screws, cap screws—any style of head—slotted, recessed, square or hex. Operates in straight or offset position—handy for hard-to-reach places. Universal ratchet head works right, left or locks. Contains Shelton suregrip ratchet handle; straight hex adapter; offset hex adapter; 5 hex sockets— $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", and $1\frac{1}{8}$ " 3 square sockets— $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " tool steel screwdriver bit for slotted screws; tool steel screwdriver bit for recessed head (Phillips) screws. Complete in durable plastic case.
MD-451 Shpg. wt., 1 lb. Net 2.25

7-PIECE SUPER NUT-DRIVER SET

Most popular socket sizes—polished, hardened steel detachable shafts. Plastic handle with precision clutch. Contains: 1— $\frac{1}{4}$ " hex nut shaft, 1— $\frac{1}{4}$ " hex nut shaft, 1— $\frac{1}{2}$ " hex nut shaft, 1— $\frac{1}{2}$ " hex nut shaft, 1— $\frac{3}{4}$ " hex nut shaft, 1—amber handle with chuck.
MD-14 Shpg. wt., 2 lbs. Net .99

1.59

11 PIECE RATCHET SOCKET SET

Eight sockets $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $1\frac{1}{8}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ " and $2\frac{1}{8}$ ". Flexible shaft drive for those hard to reach spots. Flat, reversible ratchet drive. $3\frac{1}{2}$ " extension bar. Unbreakable, amber plastic handle. Shpg. wt., 1 lb.
MD-119 Net 1.59

ADJUSTABLE END WRENCHES



Drop forged steel. Hardened jaws—Polished noses. Imported
MD-43—4 $\frac{1}{2}$ " Shpg. wt., 4 oz. .49 ea.
MD-44—6 $\frac{1}{4}$ " Shpg. wt., 6 oz. .59 ea.
MD-45—8" Shpg. wt., 10 oz. .69 ea.
MD-193—10" Shpg. wt., 1 lb. .95 ea.
MD-46 M Set of 4 above. Shpg. wt., 2 $\frac{1}{2}$ lbs. 2.49

5 PIECE OPEN END WRENCH SET

Streamlined panel bar wrench set. The best designed carbon steel wrench on the market. Ten different openings $\frac{3}{16}$ " to $\frac{3}{4}$ " embossed in wrench. Velco rust resistant finish. With hinged container. Shpg. wt., 1 lb. Imported
MD-162 Net 1.49

10 PIECE IGNITION WRENCH SET

Set consists of 8 of the most popular small-sizes. All 8 wrenches are fastened in one integral unit. Also included are 1—screwdriver and one—Feeler Gauge.
MD-843 Shpg. wt., 3 oz. Imported Net .39



SHEAR MAGIC



• Cuts EVERYTHING!
 • From Metal to paper!
 High grade, compound leverage, multi-purpose shears. Cuts just about everything that needs cutting. Paper—cloth—asphalt tile—rubber tile—wallboard—wire—sheet metal—cable—shingles—flowers vines—shrubs—plastic—linoleum—canvas—carpet—metal foil—fibre board—corel—shingles—and hundreds more. 8 $\frac{1}{2}$ " long, chrome plated handles, tool steel blades with black oxide finish.
MD-678 Shpg. wt., 1 lb. Net 1.10

7" COMBINATION TIN SNIPS



.89 • CUTS CURVES DR STRAIGHT

Made of forged steel, hardened, tempered and ground. Highest quality polished steel blades retain keen cutting edges. Handles have blue lacquer finish. Shpg. wt., 2 lbs. Imported
MD-411 Net .89

1.20 TUBING CUTTER



A quality cutter for Copper, brass, or aluminum tubing. Provides up to 1" capacity. Equipped with alloy steel cutting wheel and slide-lock reamer. Ideal for light plumbing, etc. Shpg. wt., 8 oz.
MD-346 Imported Net 1.20

FLARING TOOL

High grade plated tool steel die stock. Rapid opening hinge for swivel cone yoke. Flares all most often encountered tubing. Sizes: $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{1}{2}$ " and $\frac{3}{8}$ " O.D. Shpg. wt., 2 $\frac{1}{2}$ lbs.
MD-716 Net 1.49



5 PC. SCREW EXTRACTOR SET

• FOR $\frac{1}{8}$ " TO $\frac{3}{4}$ " SCREWS
 Five piece, chrome vanadium, screw extractor set. Removes broken and mutilated screws—bolts—studs, even $\frac{1}{8}$ " and $\frac{1}{4}$ " pipe. Simply drill damaged screw-twist extractor in—and back screw out. Set consists of 5 extractors in wooden case. Shpg. wt., 1 lb. Imported
MD-273 Imported Net 1.59



NEW! LAFAYETTE CLOSE-QUARTERS HACKSAW

• For Hard To Get At Places
 • Only $1\frac{1}{2}$ " From Blade Teeth To Top of Frame
 Now—a heavy duty hacksaw for hard to get at places. Using standard 10" hacksaw blades, the height of this handy saw has been reduced to only $1\frac{1}{2}$ " for "cramped corner" work. Chrome plated frame—with positive grip wooden handle. Overall length 16 $\frac{3}{4}$ ". Shpg. wt., 2 lbs.
MD-897 Imported Net .55

HEAVY DUTY HACKSAW

Tubular frame. Adjusts for 8"-10"-12" blade. Contoured handle and thumb rest for firm grip and comfort. Chrome plated tubular steel frame. Imported
1.35
MD-211—Shpg. wt., 2 lbs. Net 1.35
MD-212—10" Blade 24 teeth per in. 6 oz. Doz. .59
MD-213—12" Blade 24 teeth per in. 6 oz. Doz. .69



Standard Hacksaw. Accommodates 8" to 12" blades.
MD-170 Shpg. wt., 1 $\frac{1}{2}$ lbs. Net .69

NEW! SLIDING TEE BEVEL



• 5" Chrome Plated Blade
 • Calibration Marks at 30°—45°—60°—90°
 Complete with 5" calibrated scale (marked in inches), angle markings, and locking adjustment. The versatile tool for carpenters and hobbyists. Positive grip—4" metal handle. Shpg. wt., 8 oz.
MD-895 Net .59

.59

TOOLS for the TECHNICIAN and HOBBYIST

NEW CHASSIS PUNCH SET

- EASY-SMOOTH-HOLES IN SHEET METAL
- 5 SIZES: 1/2", 3/8", 3/4", 1", 1 1/8"



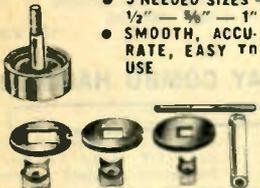
5.49

Imported

Five most often needed round hole punches. Do the job in minutes—save hours of tedious hand labor. Cuts smooth accurate holes for sockets — plugs — controls — panel lights — switches — terminals — most radior parts. Works equally well with sheet metal — sheet plastics — composition board, etc. Drive with any wrench — or with T handle included. Punch sizes included are 1/2", 3/8", 3/4", 1" and 1 1/8". Supplied complete with punches, dies, T drive handle, tapered wrench, fitted wooden case and instructions. Shpg. wt., 2 1/2 lbs. HD-471 Net ea., 5.49, Net ea., in lots of 3. 4.94

9 PC. SQUARE PUNCH SET

- 3 NEEDED SIZES — 1/2" — 3/8" — 1"
- SMOOTH, ACCURATE, EASY TO USE



6.95

Save time — save effort — cutting square holes in chassis — panels — sheet metal up to 1/8". Most often needed sizes for square chassis components. Multiple cuts allow any size square hole. Drive punches with any wrench or with T drive handle included. Cuts smooth, accurate square holes in metal — bakelite — plastic — composition board, etc. Complete with 1/2", 3/8", 1" punches — dies — drive screw, T handle and wooden case. Shpg. wt., 2 lbs. Imported HD-480 Net 6.95

5 PC. ASSORTED FILE SET .98

Five files selected for utility and durability. Good quality—equal to files selling for far more. Each one a different pattern—three standard shapes—two triangular. Sizes 6" to 12". Shpg. wt., 2 lbs. HD-456 Net .98



GREENLEE CHASSIS PUNCHES



Cut holes in metals up to 1/8" thick with the turn of an ordinary wrench. No sawing, reaming or filing. TYPE 730, Round Holes, AVG. Shpg. wt., 1 1/2 lbs. ea.

| Stock No. | Size | Net ea. | Stock No. | Size | Net ea. |
|-----------|--------|---------|-----------|--------|---------|
| HD-590 | 1/2" | 2.29 | HD-603 | 1 1/4" | 2.65 |
| HD-591 | 3/8" | 2.29 | HD-604 | 1 3/8" | 3.17 |
| HD-592 | 3/4" | 2.29 | HD-605 | 1 1/2" | 3.62 |
| HD-593 | 1 1/8" | 2.29 | HD-606 | 1 3/4" | 4.27 |
| HD-594 | 1 1/4" | 2.29 | HD-607 | 1 3/4" | 4.85 |
| HD-595 | 1 1/2" | 2.29 | HD-608 | 1 7/8" | 6.04 |
| HD-596 | 1 3/4" | 2.29 | HD-609 | 2" | 6.53 |
| HD-597 | 1 3/4" | 2.51 | HD-610 | 2 1/8" | 10.80 |
| HD-598 | 1" | 2.51 | HD-611 | 2 1/4" | 7.00 |
| HD-599 | 1 1/4" | 2.65 | HD-612 | 2 1/2" | 11.47 |
| HD-600 | 1 1/2" | 2.65 | HD-613 | 2 3/4" | 15.88 |
| HD-601 | 1 3/4" | 2.65 | HD-614 | 2 3/4" | 11.02 |
| HD-602 | 1 3/4" | 2.65 | HD-615 | 3" | 22.05 |

TYPE 731, Square holes, AVG. Shpg. wt., 2 lbs.
 HD-616 1/2" 4.27 HD-619 3/8" 5.77
 HD-617 3/8" 4.41 HD-620 1" 6.00
 HD-618 3/4" 5.03
 TYPE 732, KEYED SOCKETS, AVG. Shpg. wt., 1 1/2 lbs. ea.
 HD-621 1 1/2" 4.41 HD-624 1 1/4" 5.77
 HD-622 1 3/4" 4.41 HD-625 1 3/4" 6.09
 HD-623 1 1/4" 5.12
 Replacement cap screws for 730, round hole, punches above. Shpg. wt., 4 ozs.
 HD-626 for 1/2", 3/8", 3/4" Net .26
 HD-627 for 1/8" through 1 1/4" Net .26
 HD-628 for 1" through 1 1/2" Net .30
 HD-629 for 1 3/8" and 1 3/4" Net .39
 HD-630 for 1 7/8" through 2 1/4" Net .53
 HD-631 for 2 3/4" and 3" Net 2.77

PRECISION MACHINISTS FILES

- DEAD SMOOTH CUT
- 8 POPULAR STYLES



1.49

Made of exceptionally high grade steel. Designed to meet the requirements of Tool Rooms — Instrument Makers — Machinists and Engineers. Used wherever the demand is for fine work within accurate limits. All are approximately 8" long overall — parallel (machine type) tang. Set includes: Three square, crossing, dovetail (verge), half round, warding, pillar (one safe edge), square and round. All are Dead Smooth (No. 3) Cut. In heavy plastic case. Shpg. wt., 1 lb. Imported HD-473 Net 1.49

Precision Engineers Files: Similar to above files. Dead smooth (No. 3) cut. All are approximately 9" long. Slightly heavier stock. Set includes 3 square, half round, pillar (one safe edge), square and round. In heavy plastic case. Shpg. wt., 1 lb. Imported HD-472 Net 1.10



TUNGSTEN SPEED 12 PC. SET TAP & DIE

- 5 NATIONAL COARSE SIZES

Ten taps and dies — most popular national coarse size. High quality — low cost set for servicemen, hobbyists, experimenters, repair shops and handymen. Set includes one tap and one die of the following sizes: 1/4"-20, 3/8"-18, 1/2"-16, 5/8"-14, 3/4"-13. Complete with die stock, tap wrench and fitted wooden case. Shpg. wt., 4 lbs. Imported HD-635 Net 2.69

20-PIECE TAP AND DIE SET

- NATIONAL COARSE SIZES



5.59

Twenty of the most often needed taps and dies. Sizes popularly used in radio, hobby, home, shop and light industry. Contains one tap and one die in each of the following sizes: 6-32, 8-32, 10-24, 12-24, 1/4"-20, 3/8"-18, 1/2"-16, 5/8"-14, and 3/4"-13. Includes die stock and adjustable tap wrench. Entire set contained in a fitted metal case. Shpg. wt., 4 lbs. HD-252 Imported Net 5.59

HAND TAP SET



- AMERICAN STANDARD THREAD
- 5 MOST NEEDED SIZES
- RUGGED TAP WRENCH

Handy tap set includes most often used sizes. Consists of 6-32, 8-32, 10-32, 1/4"-20, and 3/8"-20 taps, rugged tap wrench with T-bar handle; all in heavy plastic pouch. All threads are American Standard. Extremely useful for repair and servicemen. Shpg. wt., 1 lb. Imported HD-410 Net .99

HANDY WARDING FILE SET



- 6 INDIVIDUAL FILES
- SPECIAL STEEL-DEEP CUT-HARDWOOD HANDLES

Perfect for shop — home — hobby work. Kit consists of flat, half round, triangular, square, round and taper files. All with individual hardwood handles. Sturdy plastic pocket case included. Shpg. wt., 1/2 lb. Imported HD-215 Net .89

12 NEEDLE FILES

- SWISS PATTERN

Handy set for the hobbyist. Used by jewelers, watchmakers, toolmakers, etc. all over the world. Consists of 12 assorted flat, oval, round, triangular and edge files to fit every need. Shpg. wt., 1 lb. Imported HD-88 Net 1.95



ADEL HAND "NIBBLING" TOOL



- Cuts any shape or opening by hand
- In sheet steel up to 18 gauge—in soft metals up to 3/16" thick.

Easily operated hand "Nibbler" cuts any shape hole in sheet steel—aluminum — copper — or plastic. Metal remains flat and straight after cutting. Does not add strain or distortion to edges. Cuts holes in preformed sheet metal (air-ducts, chassis, etc.) without distorting original form. Cuts in all directions. Any design—angle—radius. Follows scribe lines easily. Best possible tool for cutting template and model parts from thin metal. Shpg. wt., 8 ozs. HD-436 Net 1 to 11, 3.85 12 to 71, 3.60

HD-437 Replacement part for above Net 1.87

4 TOOLS IN ONE



- PUNCHES
- SHEARS
- RIVETS
- FORMS

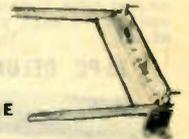
FOR INDUSTRIALS EXPERIMENTERS REPAIR SHOPS MODEL WORKERS SCHOOL SHOPS HOME WORK SHOPS

An ideal tool for plant, shop or home use. Used extensively in industrial plants on small jobs. Handles stock up to 1" wide to 16 gauge. Punches clean, sharp, smooth, burr-free holes — up to 1" from edge — 1/8", 3/16", 1/4", 5/16" and 3/8" round. Forms bends up to 90° in rod or bar stock. Cleanly shears metals up to 1" wide, 16 gauge, without distortion. Rivets easily with any type solid or hollow rivet. Rivets up to a maximum combines thickness of 3/8". Shpg. wt., 15 lbs. HD-233 Net 9.55

EXTRA PUNCH SETS

Avg. shpg. wt. 4 oz.
 HD-234 Hex—3/16", 1/8" and 1/4" Net 1.45
 HD-235 Square—1/8" and 1/4" Net .95
 HD-236 Rectangular—1/8"x3/16" and 1/8"x1/4" Net .95

18" BENDING AND FORMING BRAKE



- FOR EXPERIMENTERS—SERVICEMEN—SHOPS
- CLEAN SMOOTH BENDS
- FORMS UP TO 90°
- HANDLES UP TO 18" WIDTH IN UP TO 16 GAUGE THICKNESS

Unique design permits forming chassis, boxes, covers, trays, etc. by means of 1" deep slots in brake-bar which allow corners to fold in. Provides flange edges up to 1" high. Easy to adjust for thickness, accuracy, angle of bend. Rugged construction offers a life time of service. Shpg. wt., 20 lbs. HD-232WX Net 14.95

4 PIECE COLD CHISEL SET



- SIZES 1/4" 3/8" - 1/2"

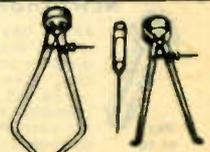
Rugged, well balanced chisels. Designed for long lasting performance and for lasting sharpness. Four popular sizes in a convenient carrying pack. Shpg. wt., 2 lbs. HD-831 Imported Net .59

TOOL STEEL TAPERED REAMER



- Removable "T" for use in drill chuck
- Enlarges holes to 1/2" in diameter in metals, wood and plastic. Gradual taper down to 1/8" point. Will fit any 3/8" drill chuck. Machined cutting edges. Overall length 4 3/8". Length of "T" handle 4". Shpg. wt., 1/2 lb. Imported. HD-357 Net each .59

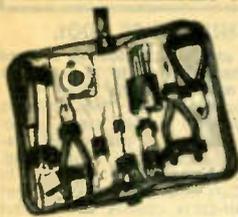
3-PC. CALIPER SET



.77

Set contains inside, outside and scribes. Good quality—tempered springs; solid brass nuts; hardened points. Shpg. wt., 1/2 lb. HD-899 Net ea. .77

TOOLS FOR LAB, INDUSTRY AND WORKSHOP



The "ULTRA" Electro-Tool Kit

- Designed with the Technician in mind
- Professional Quality Throughout
- All the most often needed tools

Each component tool chosen to offer utility and quality. The "ULTRA" kit contains the following: 5 1/2" insulated side cutters, 5" insulated chrome plated diagonals, 6" insulated chrome plated long nose, 30 watt soldering iron, 3 offset open-end wrenches covering from 1/4" to 1 1/2", 5" chrome plated tweezers, shockproof amberoid chuck handle, 1/2" screw driver blade, 3/32" screwdriver blade, #1 recessed screwdriver blade, punch-awl blades, 1/4" nut driver blade, solder and flux. Pliers insulated for 10,000 volts, hand honed cutting edges. Side cutters have beveled nose, diagonals have provisions for wire stripping, long nose has "wrench" grip jaws and cutters. The entire set is nested in a zippered, fitted, lined book type carrying case with handle. Measures a scant 9" x 5" x 2". Shpg. wt., 2 1/2 lbs. **HD-345 Imported Net 7.95**

13 Pc. COMBO-KIT



• DESIGNED FOR RADIO/T.V. SERVICE

All the most popular service tools in one handy, roll-up kit. Man sized 4 1/2", chuck type amberoid handle with built-in neon tester. Six hardened tempered nut drivers, 1/16" - 1/8" - 3/16" - 1/4" - 5/16" - 3/8". Three screw driver blades—two standard and one Phillips type. 4 1/2" diagonals with insulated handles and stripper notch. 5 1/2" long nose pliers with insulated handles and stripper notch. Lightweight pencil-type 30 watt soldering iron. All in a tough, plastic, roll-up kit. Imported **HD-664 Shpg. wt., 2 lbs. Net 5.39**

25-PC. DELUXE TOOL KIT



279

Hardened, tempered alloy steel tools for handy use in the house or workshop. Kit consists of 1 p. stic screwdriver handle with aluminum chuck; 4 screwdriver blades (1/4"x4 1/4", 3/8"x4 3/8", 1/2"x5" flat drivers and one No. 1 Phillips blade); 8 open and box end wrenches (1/4", 3/8", 1/2", 5/8", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2" way flat ratchet handle; 2-way flexible shaft extension; 2-way 1/4" extension bar; 8 steel sockets (1/16", 1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2"). All in a convenient roll pouch with handy pocket for each tool. **HD-688 Shpg. wt., 1 1/2 lbs. Imported Net 2.79**

MAGNAGRIP CABINET LATCH

- Positive-Quiet-Secure!
- Use on Hi-Fi Cabinets and Consolos!



For cabinets doors gates screens. Use in work shop kitchen garage—den any place you have a door that requires a simple, positive, quiet latch. Magnetism lasts a lifetime. Simple to install, costs no more than old fashioned friction catches. Shpg. wt., 6 ozs. (Set of 3). **Set of 4—Net .99 Singly ea. .27**

NEW! THUNDER BOLT ANCHORS



Pkg. of 10 **.98**

Fasten any fixture to tile, concrete, marble, brick and other materials. 1/4" diameter anchor requires 1/4" hole. 1 3/8" deep. After hole is made, anchor is inserted and nut tightened. Bolt expands providing holding strength limited by the strength of the masonry. Fixture can be removed by simply unscrewing nut. Shpg. wt. per pkg. of 10, 8 oz. **HD-850 Pkg. of 10 Net .98**

NEW Swingline #101 Stapler Gun

3.99



- HIGH COMPRESSION MODEL
- STAPLES WITHIN 1/16" OF CORNER
- 100% JAM PROOF
- OPEN CHANNEL LOADING

Delivers as much driving power as machines twice its size and weight. Highly maneuverable—perfectly balanced—extremely lightweight. All case hardened steel construction. Rust proof, bonderized finish. No oiling required at any time. Uses two staples sizes—4/16" and 3/16"—with no mechanical changes. Used in carpentry—woodworking—fencing—upholstery display work—insulating—screening—weather stripping—etc. Built in staple extractor. Visible staple load indicator. Handle locks flush when not in use. Shpg. wt., 1 1/2 lbs.

HD-322 Net 3.99
HD-323 Pkg. 1000 4/16" staples Net 4.00
HD-324 Pkg. 1000 3/16" staples Net .40

MULTI-PURPOSE STAPLE GUN KIT



12.87

- ONE SQUEEZE—AND YOU'VE NAILED IT!
- 4 NEW ATTACHMENTS

Kit contains everything you need for 100's of nailing jobs. One hand operation—double leverage for ease in handling. Shoots a staple wherever you'd drive a nail. T-50 gun handles four different staple sizes, 1/4", 3/8", 1/2", and 5/8". Includes T-50 gun, 5000 ass't staples and staple remover. Plus new screen stapling attachment, wire stapling attachment, window shade (cylindrical surface) attachment. Shpg. wt., 5 lbs. **HD-474 Net 12.87**

STAPLES FOR T-50

HD-879 3/8" 5000 pkg. Shpg. wt., 1 lb. 2.20
HD-880 1/2" 5000 pkg. Shpg. wt., 1 lb. 2.80
HD-881 5/8" 5000 pkg. Shpg. wt., 1 lb. 2.92

LENK INSTANT FIRE EXTINGUISHER



- YOU CAN'T AFFORD TO BE WITHOUT ONE!

Extinguishes all types of fires safely and quickly. Electrical—oil—grease—etc. A must in the shop—home—auto—boat—camp—office. Full control valve—turns on and off. Includes mounting bracket. Shpg. wt., 2 lbs. **HD-729 Lenk 72 Net 1.47**

DRY CHEMICAL FIRE EXTINGUISHER

- The Most Efficient Fire Extinguisher Ever Made!
- 6 B:C—Highest U.L. Rating for ITS SIZE
- Exceeds I.C.C. & U.S. Coast Guard Requirements
- Safety Zone Pressure Gauge
- 12 Times as Effective as a CO₂ Extinguisher of Comparable Size



The most powerful, efficient fire extinguisher of its size. Dry chemical extinguisher utilizing a specially developed non-toxic, non-corrosive, dry chemical powder rated 6 B-D by U.L., extremely fast rate of damp in spraying chemical, non-clogging valve insures perfect closure without leaking. Safety Zone Pressure Gauge shows instantly whether extinguisher is ready for use. Forged brass valve body equipped with vehicle mounting bracket, locking clamp. **HD-987 Shpg. wt., 7 lbs. Net 11.33**

DO-IT-YOURSELF RECHARGE KIT. Contains 2 3/4 lbs. of Dry-Kern-S dry chemical powder. Shpg. wt., 5 lbs. HD-988 Net 1.47

FORGED STEEL HAMMER



All steel—curved claw style—one piece construction. Eliminates broken handles and flying heads. Well balanced for non-tiring use. Non slip—suede finish—rubber grip. Shaped like conventional wooden handle. **HD-481 Shpg. wt., 2 lbs. Imported Net 1.89**

CLAW-HEADED TACKHAMMER



- CHROME PLATED

Balanced high quality forged steel 7 oz. tackhammer with steel shaft. Chrome plating enhances appearance and protects against rust. Non-slip rubber grip shaped to hand contours. Shpg. wt., 1 lb. Imported **HD-844 Net .79**

3 LB. DRILLING HAMMER

- ALL STEEL Double Faced



One piece, all steel construction. Double faced drilling hammer, well balanced, polished finish. Heavy rubber cushion grip. Non-slip, comfortable, full size handle. Forged steel for rugged use—shaped to reduce shock. Shpg. wt., 4 lbs. Imported. **HD-930 Net 2.29**

3-WAY COMBO HAMMER



Practical combination of hard and soft faced hammer. Permanent standard hammer

head on one side—interchangeable, soft-face rubber and plastic heads fit other side. Metal portion is chrome plated. Smooth resilient hardwood handle. Guaranteed to become your most often-used hammer. Shpg. wt., 2 lbs. **HD-459 Net .98**

VACO® "INDESTRUCTIBLE" HAMMER

- 30% More Drive
- 3 Replaceable Faces



- "Fiberglass" Handle
- Shot-Loaded Head

New soft-face hammer—Perfect for use on all soft metals. Painted, polished or plated surfaces and for working on motors, boats, furniture, plumbing fixtures, tile, appliances and metal forming. The shot-loaded head gives 30% more driving power with no rebound! Fiberglass shaft (strongest known) eliminates broken handles. Shock absorbing. Non-Stip head won't mar delicate surfaces. Resist grease, oil and acids. Includes tough, medium and Nylon tips. Unconditionally guaranteed. **HD-715 Shpg. wt., 1 lb. Net 3.72**

RUBBER MALLETS



Indispensable tools for work requiring a hard blow that doesn't mar the surface, such as soft metal work, work on polished surfaces, tile or appliances. Use it for home fixit jobs, automobile body work, dozens of other uses. Oilproof and waterproof head, won't flare or chip. Hardwood handle securely set in head. Large: 2 lb. head; face—2 1/2" diam. 4 1/4" L; 12 5/8" handle. Shpg. wt., 2 lbs., 9 ozs. Imported **HD-868 Net 1.29**

4-PIECE PAINT BRUSH KIT

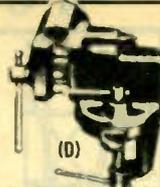
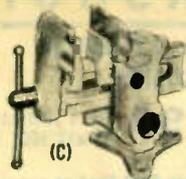
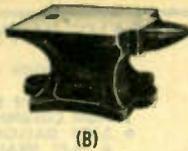
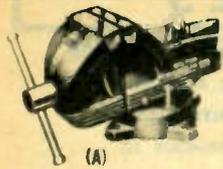


Ideal for "Do-It-Yourself" painters. All pure bristle—vulcanized in rubber. For touch-up, trims, furniture, sash and moulding. Consists of 1 each—1 1/2", 1" 11/2", 2" brushes. Packed in a polyethylene bag. Shpg. wt., 6 ozs. **HD-398 Net .98**

SAW DRILL

Quickly and easily saws any shape hole in wood, plastic, plaster, wall board, plywood, etc. Gimlet tip starts hole—"teeth" cut quickly in any direction. Drills—routes—enlarges holes. Does the work of a drill and a keyhole saw on many jobs. Shpg. wt., 4 ozs. **HD-679 Net .39**

LAFAYETTE'S LEADING TOOL VALUES



SHOP KING SWIVEL VISE (A): 3½" wide, serrated, hardened steel top jaws open to 4" maximum. Swivel base has 200° rotation—locks by slide for nut. Equipped with easily removed pipe-vice jaws. Beautifully designed—precision machined—sturdily constructed. Complete with polished, removable top jaws—pipe jaws and cut-off tool. Flange mount bolts to bench. Shpg. wt., 18 lbs. Net 9.90
HD-106

"LITTLE SMITH" ANVIL (B) is the perfect companion for the hobbyist-tinkerer-model maker—or just plain foolin' around. Measures only 4½x2½x2½" overall. Rugged enough for heavy pounding—sized right for home or hobby. Makes a perfect paper weight for the craftsmen's bench or desk. Net .98
HD-460 Shpg. wt., 2 lbs. Imported

VERSA-VISE (C): All the features of a regular vise—plus—locks in any position, just tighten jaws. Turns to any work position. Use standing or laid flat—turns 360° either way. Larger jaw surfaces—3½" x 2½"—plus removable pipe jaws. Jaws open 5". Shpg. wt., 17 lbs. Net 10.49
HD-282

Right Angle Adapter: Adds bench attachment for holding work at any angle. Shpg. wt., 2½ lbs. Net 2.18
HD-283

SWIVEL CLAMP-ON VISE (D) 2½" wide jaws—open to a maximum 2½". Twin guide rods and precision drive screw assure smooth action—rigid grip. Jaws accurately machined, polished and lacquered. Unexcelled for ordinary jobs in shop, home or garage. Shpg. wt., 3½ lbs. Imported. Net 1.99
HD-107

WOODWORKERS VISE (E) A fine, practical tool for the small shop-home-farm or garage. Guides are of finely machined cold rolled steel. Gray iron jaws—face ground and finished. ⅝" diameter screw—6 thread per inch. Shpg. wt., 6 lbs. Imported. Net 1.99
HD-182

TEKNI-TOOL SWIVEL TURRET VISE (F) Precision, swivel, turret vise for the machinist—technician—hobbyist. May be clamped-on or bolted to bench top. Twin, smooth faced jaws open to a maximum of 2". One set 1½" wide, the other set 2¾" wide. Small, stationary jaw is V-grooved for gripping round stock. Positive lock in both swivels. Shpg. wt., 5 lbs. Imported. Net 5.49
HD-848

PRECISION 1 INCH MICROMETER



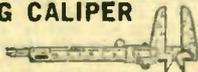
785

- MEASURES TO 0.001"
- STAY-ACCURATE HARDENED PARTS
- MAGNIFIER AND THIMBLE RACHET

The high accuracy of this fine instrument is maintained because of its superior construction and design. It will hold its tolerances during years of frequent use. Solid one-piece frame. Spindle and screw are hardened to withstand the worst abuse. One piece spindle has accurately ground, precision thread. Calibrated surfaces on spindle and anvil are ground and lapped to a highly polished finish. Easy to use lever type lock clamp holds any desired setting of the micrometer. Thimble ratchet allows just the right pressure regardless of how hard it is turned—obtains the proper "feel" every time. Spindle and thimble ratchet are knurled for non-slip turning. Unbreakable plastic magnifier fits securely over micrometer, allows quick clear reading at a glance. Accuracy permits interpolation to the nearest 1/1,000 of an inch. Measures 0-1". Imported. Shpg. wt., 1 lb. Net 7.85
HD-846

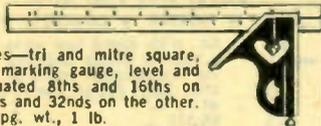
VERNIER SLIDING CALIPER

.95



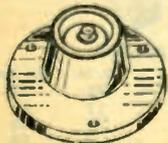
Sharp pointed projections for accurate dividing, scribing, etc. Lock nut insures against errors caused by sliding gauge. Rule graduated in 16ths and 32nds plus 5" depth gauge. Precision-made. Shpg. wt., 1 lb. Imported. Net .95
HD-221

COMBINATION SQUARE



Has many uses—tri and mitre square, depth gauge, marking gauge, level and scriber. Graduated 8ths and 16ths on one side, 16ths and 32nds on the other. 12" blade. Shpg. wt., 1 lb. Net .98
HD-92

"LEVEL-UP" UNIVERSAL SURFACE LEVELER



- Keep your Equipment on the level.
- 3 for 1.20

.49

Level anything—anywhere—anytime! Shelves—record changes—shop tools—cameras—stoves—refrigerators—building projects—cabinets—trailers—and many more items. Simply center the bubble in the ring. The "Level-Up" may be mounted on a larger base, or tried up board, for spanning large areas. A professional tool—a home craftsmen necessity. Shpg. wt., 4 ozs. Imported. Net ea., .49 3 for 1.20
HD-680

"HOPPY" SPLIT-IMAGE TRANSIT



Low Cost, Precision Level and Incline Measure

- Prism-Like Optical System
- Plate Glass Mirrors
- External Sights

Amazingly accurate instrument that will indicate level and measure a minimum of ¼" rise or fall at 25'. Makes present day bubble and string type levels obsolete. It not only indicates level but shows exactly how much correction is needed. One man can perform any leveling or incline measuring job quickly, easily, and accurately. Makes any complicated measuring/leveling job simple. Use it for patio layout, bricklaying, flooring, surveying, terracing, fencing, plumbing, shelving, guttering, drainage, irrigation. Indispensable as a leveling and grading tool for model railway pike. Shpg. wt., 6 lbs. Net 6.72
HD-690

HD-441 case—Shpg. wt., 1½ lbs. Net 3.20

MASTER Direct Reading Caliper

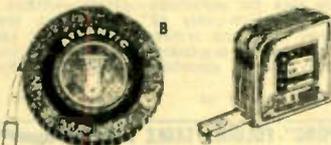
- Read size directly from scale!
- Measures round, flat, or Irregular to 4" thick!
- Precisely calibrated in inches by 32nds!
- Throat accommodates up to 3"!



READ SIZE HERE

Measures round, flat, or irregular shapes up to four inches thick. Size is read directly on a D-4 inch black on white scale calibrated in inches by 32nds. Squeezing handle opens caliper—a spring closes it gently on work. Long, curved legs reach over obstructions to measure up to 3 inches in from the edge of a part. Penetrates to the bottom of grooves and slots only ¼" wide. Knurled thumb-screw locks the caliper at mid-scale position for use as a gauge. Shpg. wt., 1 lb. Net .98
HD-339

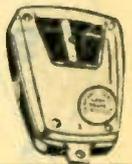
WHITE-FACE STEEL TAPE



6 ft. white blade with easy-to-read black markings. Unbreakable die-cast case with bright-plated finish. Case is squared to permit inside and outside readings. Blade is ½" wide best spring steel. Baked white enamel finish. Net 4.00
HD-79 Fig. A Shpg. wt., 6 oz. Net 4.00
10 ft. tape: (A) Similar to above but 10 feet long—for that added convenience when extra length is needed. Net .75
HD-178 Shpg. wt., 6 oz. Net .75
50 ft. tape: (B) New 50 ft. white steel tape in non-breakable case. Non-Rust. Clear black numerals on white. Light weight. Easiest rewind—30% less turns. Net 2.45
HD-179 Shpg. wt., 1 lb.

MAGNICATOR • WALL STUD LOCATOR

Hang shelves, cabinets, baffles, pictures, mirrors, etc. to wall area backed by stud. Magnicator locates nails or other metal within ¼" of indicator. Points out nails in studs to pin point best hanging area. Shpg. wt., 4 ozs. Net ea., .69
HD-285



100 FT. FIBER-GLAS TAPE

- Tougher than steel—more flexible than cloth
- Non-conducting—easily cleaned—always accurate



An extremely accurate, dimensionally stable, non-conducting measuring tape. Lighter and stronger than steel tapes. Unaffected by water. Wipes clean with a damp cloth. Rust proof—no oiling. Can not "kink," bend or break off. Markings can not rub off—extremely resistant to abrasion. 100 ft. tape, ½" wide. Foot markings in red. Extra heavy case—chrome plated brass rewind handle. Shpg. wt., 2½ lbs. Imported. Net 7.79
HD-347 50 ft. tape. Net 4.49
HD-847

UNIVERSAL SQUARE



A versatile precision instrument for the workshop, this universal square can be used as a vertical level, horizontal level, 45° level, or as a square and silding bevel. 7" steel blade is calibrated in inches and centimeters, can be accurately set at any angle from 0 to 270°. Length is adjustable. Equipped with scriber. Imported from Germany. Net 1.63
HD-967 Shpg. wt., 8 ozs.

"EVER-LEVEL"

- Measures Pitch in Degrees.
- Measures Inch Rise Per Foot.
- Floating Pointer for Hairline Accuracy.



Floating pointer gives true level or inclination at a glance. Only 2" square by 1" thick. Molded case of specially selected plastic. Pointer bob floats in oil. Reads any angle instantly. Case design allows leveling from top—bottom—or sides. Nothing to break or get out of order. Imported. Net .98
HD-185 Shpg. wt., 4 ozs.

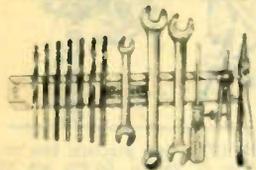
TORPEDO AND LINE LEVEL SET



Nine way aluminum torpedo level with chrome plated top. Has three level vials: horizontal, vertical plumb, and 45°. Precisely machined base. Rust proof—can't warp. Line level is hex shaped for use as surface level; aluminum for light weight—less than ½ oz. 2 hooks hold level securely on line. Shpg. wt., 1 lb. Imported. Net .99
HD-241—Set of 2 levels

SPECIAL WORKSHOP VALUES

MAGNAGRIP MAGNETIZED HOLDER



- Holds Iron and Steel Utensils

Multipurpose Magnagrip, Model 8S. Use in kitchen, garage, bathroom, workshop or many other places in your home. Heavily plated magnetized surface. White enamel or natural hardwood finish. Complete with mounting screws. (Tools not included).

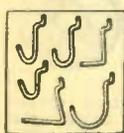
| Stock No. | Length | Finish Color | Shpg. Wt. | Net ea. |
|-----------|--------|------------------|-----------|---------|
| MG-108 | 10" | White | ¾ lbs. | 1.69 |
| MG-109 | 12" | Natural Hardwood | 1 lb. | 2.10 |
| MG-110 | 18" | Natural Hardwood | 1½ lbs. | 2.98 |
| MG-111 | 24" | Natural Hardwood | 2 lbs. | 3.95 |

PRECISION STUD FINDER



- GUARANTEED TO FIND STUD CENTER

This new, easy to use, patented carpenter's precision stud finder utilizes a geometrical principle to find the center of any stud. Constructed of high carbon steel and die-cast which is chrome plated to insure years of hard use. Shpg. wt., 4 oz. **Net .79**



NEW THRIFT-HOOKS

- 100 Assorted Hooks Only

Standard assortment of 6 different styles of heavy gauge bright finished hooks—total of 100. For use on punch panels. In colorful poly bag. **MD-936 Shpg. wt., 2 lbs. Net 1.29**

E-Z FOLDING SHELF BRACKETS

- Supports Heavy Weights
- Only 1¼" Wide When Folded

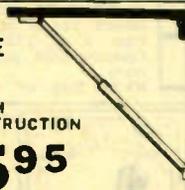
Heavy duty, compact brackets designed to make sturdy folding shelves and table tops simple to install. A pair of these brackets will support 180 lbs. on a 10" wide shelf. Automatic lever locks in position — can never come out. Shelf and wall flanges both 9" long. Shpg. wt., 2 lbs. **ML-263 (Set of 2 brackets) Net 2.95**



FOLDING WORKING TABLE SUPPORTS

- AMAZING STRENGTH
- HEAVY-DUTY CONSTRUCTION

ONLY **5.95**



No. 7000. A heavy-duty one piece folding table bracket, engineered to make wall-hung table tops easy to install. A pair of these brackets will support 200 lbs. of dead weight. Also for dinette and kitchen tables, work tables, sewing tables, etc. Shpg. wt., 5 lbs. **ML-318 Net 5.95**

"FOREMAN" LAYOUT TOOL

2.79



- DOES ANY LAYOUT WORK WITH EASE
- SCRIBES CIRCLES UP TO 20 FEET IN DIAM.

Not just another rule—but a multi-purpose 10 ft. layout tool. Does any layout work—marking, scribing, squaring out rooms; scales plans; marks any material with hair-line accuracy; accepts knife blade for ripping sheetrock, etc.; marks radius up to 10 ft.; locks in at any place on scale. 10 ft. x ¾" white tape includes scales for 32nds., 16ths., inches, foot plus inch; architects scales, tile layout scale, automatic lock, scribing pin. Shpg. wt., 1 lb. **MD-310 Net 2.79**



STEEL STORAGE UNITS

5.95 For 4 Shelves
30"x12"x60"

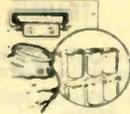
- Triple Bent Shelves
- Heavy Angle Posts
- Shelves Adjustable on 1½" Centers
- Braced on Back & Sides

For stores, offices, garages, basements, pantries, closets—just what you need to solve your storage problems, you'll find dozens of uses for these rugged racks. And now, Lafayette offers them at a bargain price. Available in two sizes to fit virtually anywhere—30Wx12Dx60"H with 4 shelves, or 36Wx12Dx72"H with 5 shelves. Corner post and all edges are rounded and snag-proof with back and side braces providing added strength and rigidity. Gray enamel finish. Shipped unassembled with all necessary hardware for fast easy assembly. Size 12x30x60". Shpg. wt., 25 lbs.

| | |
|--|----------|
| ML-306WX Size 12x36x72". Shpg. wt., 33 lbs. | Net 5.95 |
| ML-305WX | Net 6.89 |

VIS-A-PART CLIPS & JARS

Famous Vis-A-Part Magic Clips—with holes pre-spaced for mounting on punched board. Adapts baby food jars to hold hardware—small parts—drills—pins—seeds—buttons—fish hooks—spices—anything, anywhere! Permits visible inventory. Costs less than drawer or bin storage units.



| | |
|-------------------------------------|--------------|
| MD-190 Set of 2 | Net .18 |
| Jars for use with Vis-A-Part Clips. | |
| MD-191 | Net each .08 |



VIS-A-PART BOARDS

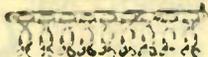
- STORE SMALL PARTS—EASILY—SAFELY—NEATLY—INEXPENSIVELY!

Eliminates screw on caps! Makes use of convenient wall space. One glance locates the part you need. Jars slide securely into metal holders. Inserted or removed with one simple motion. Holders are firmly riveted to back-board. Indispensable for screws, nuts, nails, parts, seeds, spices, etc. Complete with jars.

| | |
|--|----------|
| MD-166 24 Jars 18" x 18" Board. Shpg. wt., 9 lbs. | 3.53 |
| MD-390 18 jars 13½" x 18" Board. Shpg. wt. 6½ lbs. | Net 2.65 |

TOOL RACK

- 9 Spring Clip Holders
- Hooks on ply board—bolts to wall **.59**



12" long, chrome plated tool rack. Sturdy spring action clamps will hold almost any hand tool—brooms and mops too. Drilled for bolting direct to wall—hook for hanging on peg board. Holds a minimum of nine tools. Shpg. wt., 1 lb. **MD-874 Net .59**

NEW JIFFY TOOL RACK

- HOLDS UP TO 29 TOOLS!



New handy rack for workshops—garage—kitchen. All rust proof aluminum—only 12" long. Saves drawer space. Items hung and removed quickly and easily. Can also be used on peg-board! Quick — easy installation comes with 3 mounting screws. And what a price!

| | |
|-------------------------|-----------|
| MD-157 Shpg. wt., 5 oz. | each, .45 |
|-------------------------|-----------|

"PING PONG" FOLDING TABLE LEGS

- Set of 4 Collapsible Legs
- Extra Strong—Will Not Wobble

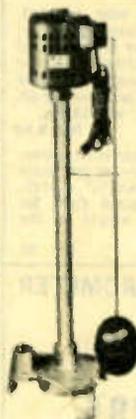
A set of 4 collapsible tubular legs built for unusually rigid support. These super sturdy legs can be mounted in two ways to provide additional strength. Can be mounted to bottom of table and also to the skirt of table. 1" diameter legs can be cut to any desired length. Plastic floor gliders and mounting screws included. Length 29¼". Shpg. wt., 8 lbs. **ML-262 Net 5.40**



HEAVY-DUTY SUMP PUMP

- RUST-PROOF CAST ALUMINUM BASE
- RUST-PROOF SEAMLESS ALUMINUM COLUMN
- 3,920 GALLONS-PER-HOUR TO A 10-FT. HEAD

NO MONEY DOWN **3750**



A rugged automatic electric pump with a dependable ½ HP motor with safely-designed overload protector. Features a plastic float, non-corrosive in any water; extra large separate screen to prevent clogging; vertical 1¼" discharge that eliminates base elbow. Lifetime guarantee on all moving parts (1-yr. guarantee on electrical components). Oilite base bearing for long life. Individual pressure plate to assure consistent water flow. Designed to operate at top performance:

| Gallons Per Hour | Discharge Height |
|------------------|------------------|
| 3,920 | 10-ft. |
| 3,215 | 15-ft. |
| 1,600 | 20-ft. |
| 540 | 25-ft. |

ML-297WX Shpg. wt., 25 lbs. Net 37.50

DELRON SUBMERSIBLE PUMP

- Will Not Corrode or Rust
- Hermetically Sealed Motor
- For Circulating and Dispensing Water



It's the all-new Delron aluminum pump for underwater use. Guaranteed not to corrode or rust; hermetically sealed motor. Circulates and dispenses water and mid-acid solutions for use in fountains, beverage dispensers, aquariums, photo developing, air conditioning, etc. Gallons per hour delivery: 240 @ 1 ft.; 180 @ 3 ft.; 125 @ 5 ft.; shut off @ 12 ft. Outlet ¾"; inlet ½" pipe O.D.; height 4½"; depth 4¼"; 6 ft. safety cord. 115 V, 60 cy, AC, 49 watts load; .67 amps load. Shpg. wt., 3¼ lbs. **ML-312 Net 12.75**

WATERFALL KIT

Enchanting waterfall of cascading water constantly recirculated by electric pump. Gallons per hour delivery: 180 @ 1 ft., 140 @ 3 ft.; 100 @ 5 ft.; shut off @ 10 ft. Outlet ¾"; inlet ½" pipe O. D. Load: amps .65; watts 43. No concrete needed; complete with instructions. Kit consists of pump, 8-ft. plastic hose, 7-ft. sealing poly, pump filter. Shpg. wt., 4 lbs. **ML-311 Not Illustrated Net 15.88**

FASTWAY HAM-R-TOOL AND DRIVE PINS

DRIVES STUD PINS INTO:

- BRICK • MORTAR • CONCRETE • ¼" STEEL



No. H-50 Ham-R-Tool when used with a hammer drives fasteners into building construction material. Hardened steel body. Overall length: 6½". Shpg. wt., 1 lb. **HG-113 Net 4.49**



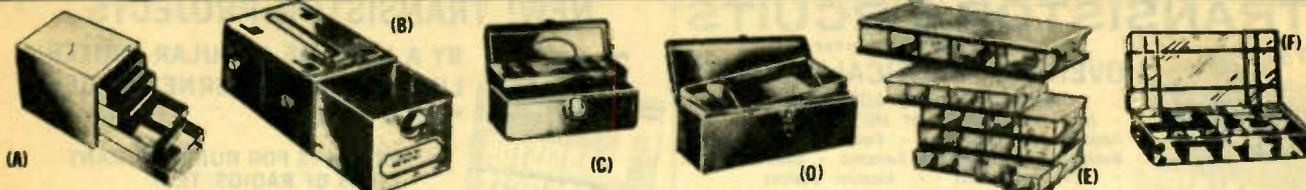
DRIVE PINS FOR ABOVE

| Stock No. | Shank Length | Shpg. Wt. | No. in Pkg. | Net Per Pkg. |
|-----------|--------------|-----------|-------------|--------------|
| HG-114 | ¾" | 2 oz. | 17 | .69 |
| HG-115 | 1" | 2 oz. | 13 | .69 |
| HG-116 | 1½" | 2 oz. | 9 | .69 |
| HG-117 | 2½" | 2 oz. | 8 | .69 |

THREADED PINS FOR ABOVE

| Stock No. | Thread Size | Thread Length | O/A Length | Shpg. Wt. | No. in Pkg. | Net Per Pkg. |
|-----------|-------------|---------------|------------|-----------|-------------|--------------|
| HG-118 | 10-24 | ¾" | 1¼" | 2 oz. | 12 | .69 |
| HG-119 | ¼-20 | 1¼" | 1¾" | 2 oz. | 10 | .69 |

Values for Servicemen and Dealers



SPECIAL STEEL CABINET (A)—An ideal all-steel cabinet for stocking and storing small parts. Three drawers contain six partitions and one drawer one partition for larger parts. Beautiful blue hammertone finish. Size 6" wide, 6¼" high, 8" deep. Shpg. wt., 3 lbs. Net 1.95

MULTI-DRAWER (B)—Convenient storage for small parts. Constructed with tongue and slot designed to interlock with other units at top, bottom or side. May be fitted around existing fixtures for economy of space. Handy pull and holder for contents card. Aluminum construction. Size: 2½x2¼x5" Ea. .43 In lots of 10, ea. .39 MC-11 Wt., 10 ozs. Ea. .03

TOOL AND UTILITY BOX (C)—14½" long tool box. Cantelever tray with four compartments. Room enough for soldering iron, pliers, screw drivers, wrenches, etc. Push-button catch with hasp for lock. Folding, recessed handle. Baked enamel finish in glossy green. 14½" long, 6¼" wide. 4½" deep. Shpg. wt., 3 lbs. Net 1.65

SUPER TOOL CHEST (D)—A steel chest built to last. Removable tote-away. Double lock sealed construction, reinforced corners, continuous hinge, steel handle, regular key lock plus hardware. Baked enamel interior. Steel gray outside finish. Size 16" x 7" x 7". Shpg. wt., 8 lbs. Net 5.50

STAK-UP STORAGE CABINETS (E)—Convenient, logical small parts storage. Add units as you need them. Stack-up as high as you choose—take apart easily. See thru drawers with "stop" to prevent spilling. 2 dividers with each drawer. Units slide together and lock. Shpg. wt., 1½ lbs.

MC-23—1 double and 2 single drawers Net 1.15
MC-24—4 single drawers Net 1.15

TRANSPARENT UTILITY BOXES (F)—Attractive plastic boxes ideal for storing screws, nuts, bolts and hundreds of other small parts. With hinged cover and built-in partitions.

| Stock No. | Dimensions | Compert. | Wt. | Each |
|-----------|--------------|----------|--------|------|
| MS-51 | 7"x3½"x1¾" | 5 | 5 Oz. | .41 |
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|-----------|-------|---------|------|---------|---------|------------------|
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| Stock No. | Model | Drawers | Hgt. | Weight | Net ea. | lots of 3 ass'td |
|-----------|-------|---------|------|--------|---------|------------------|
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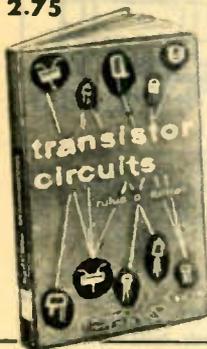
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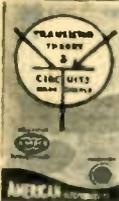


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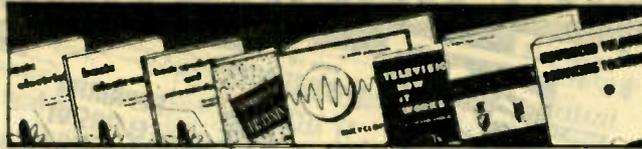
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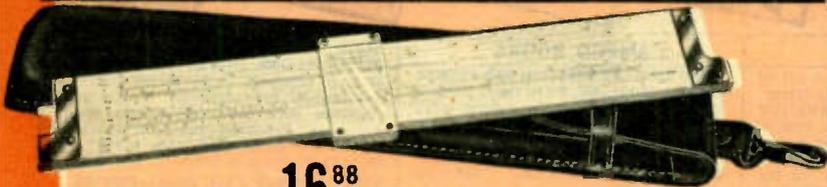
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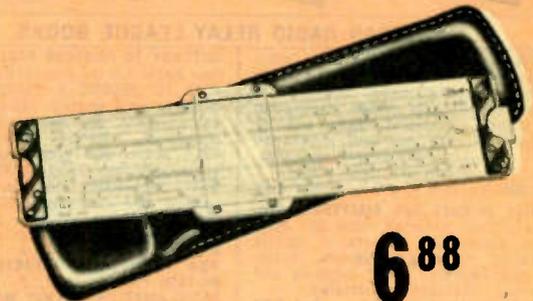
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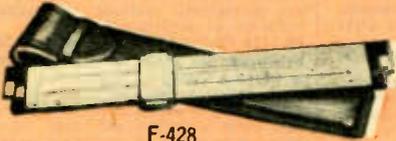
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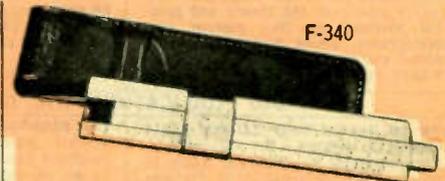
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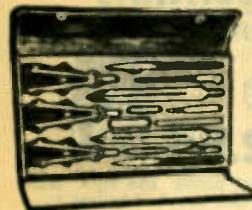


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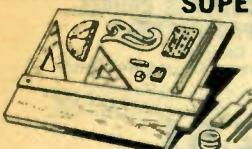


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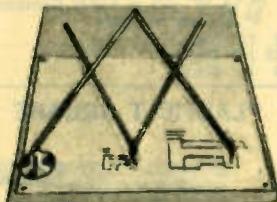
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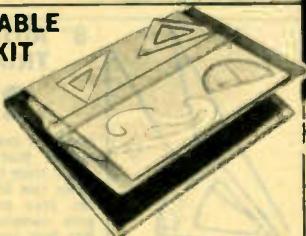


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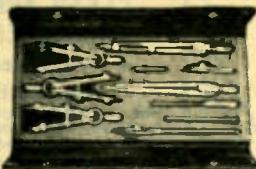
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Made in Germany of hard rolled, nickel plated brass. All instruments are nested in a fitted, velvet lined case. Contains three side wheel 3/4" bow instruments—one a divider, one a pencil and one a pen. All have reversible needle point. 5 1/4" compass with pen and pencil parts—and lengthening bar. 5 1/4" divider with straightening device. 5" ruling pen. Extra handle for use with pen and pencil parts. Capsule with extra leads. Perfect for schools, labs, industrials or wherever precision drawing sets are used. Shpg. wt., 1 lb. Imported

F-13 Net 3.10

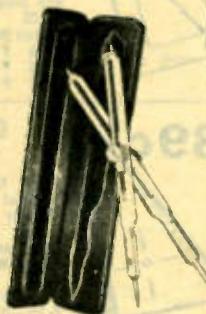


8" PROPORTIONAL DIVIDER

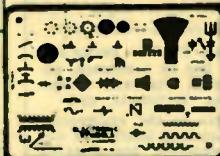
- IMPORTED FROM GERMANY

Extremely accurate finely made proportional dividers. Basic equipment for draftsmen—architects—engineers—students. Replaceable steel points—in hard, leather covered, felt lined case. Used for proportional reductions and enlargements, copying drawings in enlarged or reduced scale, dividing lines or circles into equal parts, quick solving of difficult measuring problems, finding distances on maps without scales, etc. Flat form—replaceable steel points. Pressure setting. Graduated for lines from 3/4" to 10"—Circles from 6" to 20". Excellent, accurate utility model. Shpg. wt., 8 ozs. Imported

F-167 Net 4.96



ELECTRONIC DRAFTING TEMPLATE



Exceptionally accurate! Made to J.I.C. standards for electronic symbols. All elements of electronic and CR tubes are provided for—plus tube bases for 7, 8, and 9 prong tubes. Includes latest symbols—transistors, diodes—rectifiers—plugs, etc. Covers all electronic symbols.

Size 7x5". Thickness .030. Shpg. wt., 4 ozs.

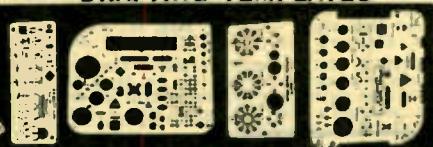
F-191 Net 2.10

MATHEMATICAL SYMBOLS TEMPLATE

Sturdy plastic template containing all commonly used mathematical symbols: plus and minus signs, roots, brackets, integrals, summation, infinity, the complete small letters of the Greek alphabet including etc., plus some of the Greek capital letters used in mathematical formulae, many symbols present in several sizes. Size 6 1/2 x 2 1/2". Shpg. wt., 4 oz.

F-378 Net 2.10

DRAFTING TEMPLATES



(A) Electric Controls Template (A) Conforms to J.I.C. standards. For drawing and drafting of electrically controlled machinery. 9x3 3/4". F-155—Shpg. wt., 4 oz. Net 1.75

(B) Electrical Drafting Template (B) Conforms to MIL Stds. 15 specs. Extremely useful for drawing and drafting of electrical and electronic diagrams. 6 1/2 x 5". F-156—Shpg. wt., 4 oz. Net 1.80

(C) Rotary Switch Template (C) For drafting of rotary switch on schematic layout. Unlimited number of combinations. 6 3/4 x 3 3/4". F-326—Shpg. wt., 4 oz. Net 1.75

(D) Wiring Template (D) Conforms to MIL Stds. 15 specs. Arranged for ease in drawing. 6 1/2 x 7". F-154—Shpg. wt., 4 oz. Net 1.75

PROFESSIONAL GIANT BOW

- 6" Size with Center Wheel Adjustment
- Finely Balanced—Professional Type



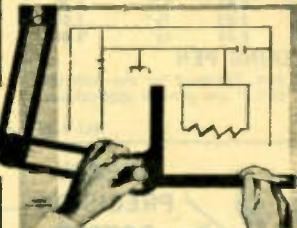
Professional quality utility set in a fitted, velvet lined case. Made in Western Germany of nickel plated, hard-rolled brass. 6" giant bow has preferred center wheel adjustment. Makes circles from 1/4" to over 10" in diameter. Set includes 6" giant bow, interchangeable pen and pencil parts, extra needle for using bow as divider, handle for use with pen and pencil parts, lead, lead box and repair parts. Shpg. wt., 1 lb. Imported

F-44 Net 3.50

draftette

PORTABLE DRAFTING MACHINE

7 65



Enables you to sketch, draw, design, draft, do layouts, diagrams, schematics. Place your creative ideas on paper in a professional manner in your office, home, shop, in the field, while traveling, or in the customer's office or plant. Draftette is constructed of the finest aluminum, satin black anodized to meet Federal specs., with one piece scale and protractor. Gives you all the advantages of a drawing board, T-square, triangle and protractor combined into one compact, rugged, versatile, precision instrument. Completely assembled, ready to use.

Draftette with 4x6" scale, 180° protractor on 11x17" drawing board. Shpg. wt., 3 lbs. Net 7.65

F-402

Draftette with 4x6" scale (less board). Shpg. wt., 1 lb. Net 6.25

F-401

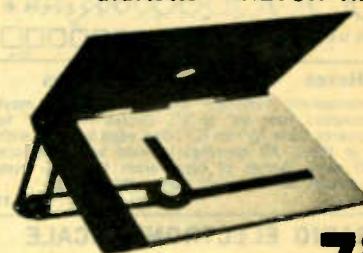
Draftette #12-B Senior with 6x9" scale, 360° protractor on 20x26" drafting board. Shpg. wt., 6 lbs. Net 19.95

F-738

Draftette #12 Senior less board. Shpg. wt., 2 lbs. Net 13.30

F-739

NEW "draftette" SKETCH KIT

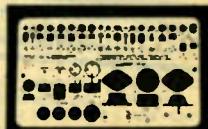


ONLY 7 80

A completely portable drafting drawing machine permanently mounted in a Vinyl binder (self-locking). A weather protected unit, it can be used for sketching, designing, drawing, and drafting. Great for traveling. Contains a precision portable drafting instrument with a 3x5" scale, 180 degree protractor, pad of 50 sheets, drawing-tracing paper 8 1/2 x 11", all in one compact binder. Does not require tape or tacks to hold paper in place for use. Only 9x13x11".

F-803 Shpg. wt., 2 lbs. Net 7.80

TRANSISTOR OUTLINE TEMPLATE

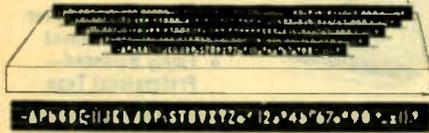


An extremely accurate and useful drafting aid. Includes 27 sizes of transistors with designating numbers. Indicates lead configurations corresponding to each outline. Sizes and specifications based on the standards registered with Joint Electron Device Engineering Council. Size: 9 1/2" x 5 1/2". Thickness: .030". Shpg. wt., 4 oz.

F-740 Net 2.10

LAFAYETTE can save you DOLLARS on DRAFTING and DRAWING essentials

LETTERING GUIDE SET



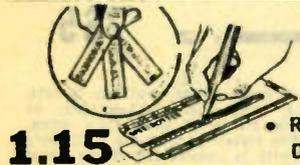
Made of transparent plastic. Simple to use with either sharp pencil or ink. Each has complete alphabet, all numbers plus commonly used signs. Most letters formed with one operation. Set consists of six guides. Sizes $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, and $\frac{1}{2}$ ". Shpg. wt., $\frac{1}{2}$ lb. F-70—Complete Set Net 6.79

INDIVIDUAL GUIDES (Shpg. wt., 4 oz.)

| No. | Size | Each | No. | Size | Each |
|------|------------------|------|------|-----------------|------|
| F-79 | $\frac{1}{8}$ " | .75 | F-82 | $\frac{3}{8}$ " | 1.35 |
| F-80 | $\frac{3}{16}$ " | .95 | F-83 | $\frac{3}{4}$ " | 1.50 |
| F-81 | $\frac{1}{4}$ " | 1.20 | F-84 | $\frac{1}{2}$ " | 1.90 |

LETTERING PEN

Reservoir type drawing pen. Designed for use with lettering guides from $\frac{1}{8}$ " to $\frac{1}{2}$ " and general applications. Shpg. wt., 3 oz. F-95 Net 1.25



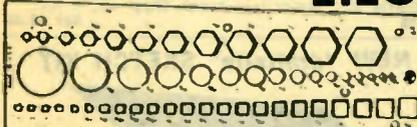
SPEEDY PRECISION DOTTER

• Revolutionary Drawing Device

Interchangeable refills enable production of even dotted lines, dash and dot, or dash and two dots. Transparent plastic fully graduated in centimeters and inch in 32nds and 20ths. Size $1\frac{1}{2} \times 12\frac{1}{2}$ ". Ideal for draftsmen, architects, layout men, students, artists, etc. Supplied with dotter insert only. See below for other inserts. Shpg. wt. 6 oz. F-67 Net 1.15

F-68A—Dotter Refill Shpg. Wt., 2 oz. Any Type
 F-68B—Dot and Dash Refill Shpg. wt., 2 oz. Type
 F-68C—2 Dots and Dash Refill Shpg. wt., 2 oz. 25c

DRAWING AID 1.15

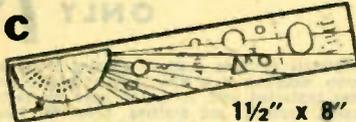


• Hexes • Circles • Squares

Sturdy transparent template $3\frac{1}{4} \times 11\frac{1}{2}$ ". Contains most useful hexagons from $\frac{1}{8}$ " to $1\frac{1}{2}$ " circles from $\frac{1}{16}$ " to $1\frac{1}{2}$ " and squares from $\frac{3}{16}$ " to $\frac{1}{4}$ ". One edge beveled with 6" scale in 16ths. All openings beveled and allowance for pencil point. Series of lugs raises template from paper to permit ink drawings. Shpg. wt. 4 oz. F-66 Net 1.15

RADIO ELECTRONIC SCALE

39c



A protractor ruler with radio and electronic symbols. Ideal circuit diagram builder for hams, students and technicians. Transparent. Shpg. Wt., 4 oz. F-94 Net .39

59c SLIDE RULE



Precision made instrument of fine laminated construction. This rule has decimal equivalents, equivalents settings and a rule with both inch and metric scales. There are A, B, C, D and I scales on the face side and log, sine and tangent on the back. Complete with instructions. Shpg. Wt., 4 oz. F-96 Net .59

CLEAR ACRYLIC TRIANGLES

• Meet Government Specifications

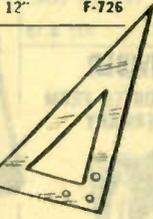
Fine, professional grade triangles. Exceptionally well made, accurate, highly transparent, not easily scratched. Will not discolor. Dimensionally and chemically stable.



| Size 30/60° | | Size 45/90° | |
|-------------|-------|-------------|-------|
| Inches | No. | Inches | No. |
| 6" | F-723 | 6" | F-727 |
| 8" | F-724 | 8" | F-728 |
| 10" | F-725 | 10" | F-729 |
| 12" | F-726 | 12" | F-730 |
| | | Each | Each |
| | | .39 | .56 |
| | | .56 | .88 |
| | | .80 | 1.16 |
| | | 1.08 | 1.76 |

STYRENE TRIANGLES

Crystal clear transparent triangles with finger lifts. Double bevel in cutout allows easy pickup. Sturdy .100 thick. Average Shpg. Wt. $\frac{1}{4}$ lb.



SIZE 30/60° 45/90°

| Inches No. | Each | No. | Each |
|------------|------|------|------|
| 6 F-71 | .23 | F-74 | .30 |
| 8 F-72 | .30 | F-75 | .42 |
| 12 F-73 | .69 | F-76 | .80 |

CALIBRATED TRIANGLES

Many tasks can be completed without changing instruments. Clearly marked with degrees, metric scale, inches, 10th to inch and architectural scales. Shpg. Wt. $\frac{1}{4}$ lb. Two sizes available.

F-69—6"—45/90Degree Net .39
 F-70—8"—30/60 Degree Net .39



39c

QUADRANT PROTRACTOR-CENTER FINDER

5 Drafting Tools in 1—
 Center Finder! Ruler! Right Angle! Quadrant Protractor! Compass!



• The Most Flexible Device Ever
 • For Use by Draftsmen, Engineers, Students, Technicians, Architects, etc.

1.13

The most versatile tool available in the engineering and drafting fields today. This unusual instrument can be used as a right angle—a quadrant protractor—a center finder—a ruler with inch and 16ths on one arm and metric scale on other arm—a compass drawing circles accurately with $\frac{1}{16}$ th inch variations up to 12" diameter. Shpg. wt., 4 oz. F-733 Net 1.13

6" 4-BEVEL POCKET SCALES 1.13



ENGINEER'S SCALE: Made of high-quality, non-hygroscopic plastic. Chemically and dimensionally stable for constant accuracy. 6" long, light in weight. Ideal for desk and pocket use. Graduated in 10 and 50, 30 and 40 parts to the inch. Full divided throughout. Four beveled white edges. Vinyl case. Shpg. wt., 4 oz. F-734 Engineer's Scale Net 1.13

ARCHITECT'S SCALE: Similar to above. Graduated in fractions of an inch to the foot— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1, 2, 3, 4, 1 1/2, 3. Open divided, divisions before zero full divided. F-735 Architect's Scale Shpg. wt., 4 ozs. Net 1.13

ARCHITECTS AND ENGINEERS SCALEMASTERS 79c



Here is the triangular scale achieved in a flat scale. Scales exposed to full view, slotted openings for convenience. Heavy laminated transparent plastic. Architects scale has 14 full view scales from $\frac{1}{8}$ " = 1 ft. to 3" = 1 ft.—including half scale and 16ths—32nd— and mm to inches. Size $12\frac{1}{2} \times 3\frac{3}{4}$ ". Saves time, prevents errors. Shpg. wt., 4 ozs. F-152—Architects Scale Net .79

Engineers Scale: Similar to above. Has 9 full divided scales. Includes 10ths, 20ths, 30ths, 40ths, 50ths, 60ths, centimeters and meters. Shpg. wt., 4 ozs. F-153—Engineers scale Net .79

FRENCH CURVE SET



2.66

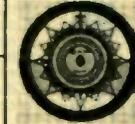
Made of crystal clear plastic .090 thick. Set consists of eight French curves. Excellent for perspective, three dimensional drawing and general applications. Shpg. Wt., $\frac{1}{2}$ lb. F-85 Net 2.66

LARGE PLASTIC FRENCH CURVE



This 17" curve is made of .075" crystal clear plastic for students, architects, professional draftsmen. All edges are perfectly smooth. Ideal for larger drawings, architectural plans, etc. Shpg. wt., 4 oz. F-643 Net 1.39

GRID COMPASS COURSE PROTRACTOR



Arm for Course and Reverse Course Readings

2.61

A precision-made nautical aid, constructed of transparent laminated vinylite, that enables you to see positions and depths when in actual use. Has a $6\frac{3}{4}$ " square base with grid and compass rose. 21" arm is scaled in miles for use with coastal and harbor charts, USC and GS regional maps, 1/20,000, 1/40,000 and 1/80,000. The arm is extended on the short end to read reverse course. Shpg. wt., 6 ozs. F-736 Net 2.61

FOLDING PARALLEL RULES



• Meet Government Specifications

Made of extremely stable, light weight, heavy gauge vinyl. Finger grips of anti-magnetic, rustproof, nickel plated brass. Counter sunk, cork friction pads prevent slipping. The 12" and 18" sizes are black vinyl, the 15" size is highly transparent, clear vinyl. Shpg. wt., 8 ozs.

| | |
|-----------------|----------|
| F-92 12" Black | Net 2.05 |
| F-737 15" Clear | Net 2.45 |
| F-93 18" Black | Net 3.00 |

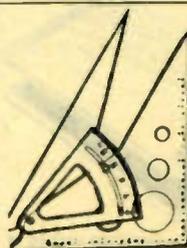
PLASTIC T SQUARE



WITH ADJUSTABLE PROTRACTOR HEAD 2.10

Adjustable protractor head clearly marked to 180° easily set and fastened. Transparent arm gives clear full view of subject matter. All plastic—light weight. Adapted for ink ruling. Head fits snugly against board. Shpg. Wt., $\frac{1}{2}$ lb. F-99—18" long Net 2.10
 F-100—24" long Net 2.35

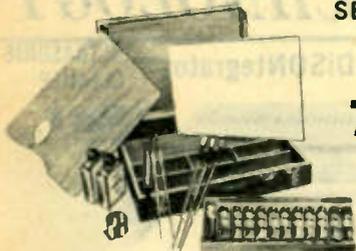
8" ADJUSTABLE TRIANGLE 2.25



Handiest device ever! Transparent plastic. Trace any angle from 0 to 90 degrees. Inner row of graduations on arc give angle outer row give complementary angle. Has four openings for drawing circles $\frac{1}{2}$, $\frac{3}{4}$, 1 and $1\frac{1}{4}$ " diam. Tapered holes $\frac{1}{4}$ " apart on two sides to divide any line into equal parts by swinging angle. Useful for cross hatching, architectural stairway drawings, speeds up letter spacing. No protrusions to tear tracing paper. Shpg. Wt., 6 oz. F-77 Net 2.25

LAFAYETTE HOBBY HEADQUARTERS

PROFESSIONAL STYLE OIL PAINT SET



739

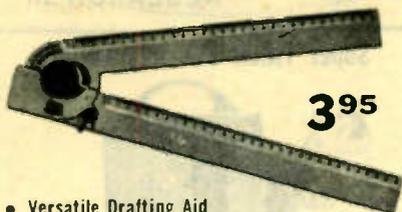
Comes complete with—11, 2x3/4" tubes of oil paint; jumbo 3x1" tube of zinc white; 5 bristle brushes; 2 bottles linseed oil and turpentine; steel palette knife and cup; 12 1/2x9" wood paint palette; and 12x8 7/8" mounted canvas panel. This complete set is in a sturdy 13x10" wood box. Shpg. wt., 4 1/4" lbs. Imported

F-532 Oil Paint Set Net 7.39

COMBINATION: F-532 Paint Set & F-565 Easel Net 10.98

F-598M

NEW! "TECNO-SCALE"



395

• Versatile Drafting Aid

Indispensable drafting tool for artists, architects, engineers, students, mechanical draftsmen. Made of non-hygroscopic, bone-white unbreakable plastic. Full 0 to 180° scale. Calibrated in increments of 1° with 5° and 10° divisions. Both scales are 12" long divided to 1/16" and 1/4 inch. Opens the full 180° arc. Simple, positive cam lock. Easily adjusted without changing position on board. Engineered for speed in use and hairline accuracy. Machine beveled edges. Shpg. wt., 1 lb.

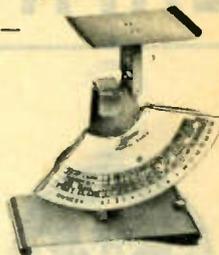
F-572 Net 3.95

NEW! POSTAL SCALE

- Highly Accurate—No Springs
- 1 Lb. Cap. by 1/2 Ounce

Compare at 5.95

249



Accurate, dependable postal scale for office or home use. Full one pound capacity with 1/2 ounce divisions. Scale includes first class, air mail, periodicals, printed matter and merchandise. No springs—footproof, balance type. Thumb screw adjust. Heavily chromed finish.

F-683 Shpg. wt., 1 lb. Imported Net 2.49

SUPER DIAL-A-MATIC ADDING MACHINE



- ADDS UP TO 999,999 ACCURATELY!
- SUBTRACTS AND MULTIPLIES TOO!
- AUTOMATIC CLEARING BAR!

Newest "Dial-A-Matic" adding machine. Great for daily calculation—small businesses—homework—etc. Automatic clearing bar clears all dials instantly. Polyethylene, skidproof base for convenient one hand operation. All moving parts of DuPont Nylon. With dialing stylus and instructions. Shpg. wt., 1 lb.

F-274 Net 2.70

5-Place Dial-A-Matic: Similar to Super Dial-A-Matic but adds to 99,999. Does not have automatic clearing. Fast accurate—fits pocket or purse. Shpg. wt., 1/2 lb.

F-189 Net 1.35
Lots of 3, ea. 1.50
Singly, ea. 1.50

WATER COLOR PAINT SET



only 249

12 tubes of assorted color paint; 2 deluxe brushes; water holder; folding palette—all in a sturdy, hinged wood box. Size: 10 3/4" long, 5" deep, 1 3/4" high. Shpg. wt., 2 lbs.

F-531 Water Color Set Imported Net 2.49

COMBINATION: F-531 Paint Set & F-565 Easel Net 5.56

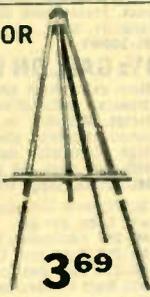
F-597M

ADJUSTABLE OUTDOOR CANVAS EASEL

- For Oil and Watercolor Painting • Sliding Legs
- Sturdy Wood Construction

Adjustable easel ideal for student and amateur artist. Constructed of smooth-finished lightweight wood; brass fittings. Has 3 sliding legs, adjustable tray and canvas holder. Will hold canvas up to 40". Height closed about 28"; open about 43". Shpg. wt., 2 lbs. Imported

F-565 Easel Net 3.69



369

24 CAMEL HAIR BRUSHES

- SIZES 1 THROUGH 6
- RUSTPROOF ALUMINUM FERRULES

Imported camel hair brushes. 4 each of sizes #1 through #6. Each brush 7" long. Aluminum ferrules—rustproof and solidly anchored. Excellent for cleaning tuners, controls, precision parts. Used also for cleaning camera lenses, telescopes, binoculars, guns, etc. Perfect for water color painting—cabinet touch up—sign lettering. Useful in home, office, shop, or store. Shpg. wt., 8 ozs. Imported

HD-340 Net .59

2 sets (48 brushes) Net 1.00



ADJUSTABLE CURVE



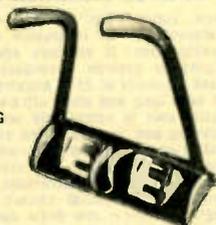
Enables anyone to draw curved designs with ease. The rule is easily bent to any desired curve with the fingers. Once bent, the rule stays curved without being held. White plastic frame encloses a lead bar and a steel sheet support. Overall length is 23 1/2". Shpg. wt., 8 oz.

F-441 Imported Net 1.69

LAFAYETTE'S "READ-EASE"

- READ WITH EASE WHILE RECLINING

459

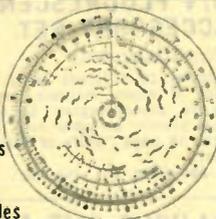


Read or write or watch television while lying down—with all the vision ease of sitting upright. Ingenious, optically correct, prismatic readers give you "right-angle" vision to any object you care to view. Even bed-ridden patients can read—while lying flat—for hours without tiring. The prismatic system—working like a pair of tiny periscopes—angles your vision but adds no correction or aberration. Can even be used in conjunction with ordinary glasses. The light gathering power of the prisms actually gives a brighter image than normal. No fitting problems—prism plane is fully adjustable—locks in at angle of your choosing. The crown glass prisms are precisely aligned and ground to the closest tolerance. Specially suited for the avid reader—invalid—traveler. Shpg. wt., 6 ozs.

F-439 Imported Net 4.59

SLIDE RULE CONVERTISOR

- Converts linear and volume measurements to metric system
- Converts HP to watts
- Miles to Nautical Miles
- Multiplies and divides

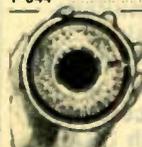


This 6" Convertisor is a calculator performing conversions from the English to the Metric System in weights and measures both linear and liquid. Performs multiplication and division. It consists of two discs, one opaque printed in black and one clear transparent printed in red. Directions for use and list of conversions on back of opaque disc. Shpg. wt., 4 ozs.

F-644 Net 1.59

FRACTION OF AN INCH ADDING MACHINE

- ADDS AND SUBTRACTS FRACTIONS
- CORRECT ANSWERS INSTANTLY
- NO CONVERTING



This new tool permits continuous adding or subtracting of fractions, decimal equivalents, or mixed fractions and decimals. Answers are shown instantly. Only one moving part—extreme simplicity of operation. Invaluable for the shop and technical school—office—factory—mechanists—designers—draftsmen—engineers. Anyone who works with fractional measurements. Made of satin-finished aluminum—only one moving part—numbers and lines etched and filled for years of trouble free service. Complete with plastic case and instructions.

HD-297 Shpg. wt., 1/2 lb. Net 2.65

NEW JET-E-RASE ELECTRIC ERASING MACHINE

149

- PORTABLE—MOTOR DRIVEN!
- FINGER TIP CONTROL!
- 4 ERASERS—4 COLLETS—2 BRUSHES!

Battery operated erasing machine. Designed for convenience—ease and speed in erasing. Battery operation does away with bulky A.C. motors—trailing line cords—danger of shock. Safe enough for children to use. Entire unit—including battery—weighs only 4 oz. Fits the hand as naturally as a pen or pencil. Switch precisely located for finger-tip control. Permanently lubricated, precision bearings assure long, trouble free life. Includes four eraser cores. One soft—two medium hard—one gritty—to cover all erasing problems. Two brushes—one soft—one stiff—for clean up, and four collets that accept both the eraser cores and brushes. Easily replaceable battery is a No. 1 or "C" cell. Supplied with battery. Shpg. wt., 1/2 lb. Imported

F-416 Net 1.49

F-424 Kit of two each, erasers and brushes Net .24

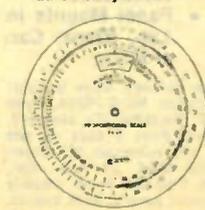


PROPORTIONAL SCALE

- Quick-Easy Reductions of Prints - Photos - Plans

This circular proportional slide rule permits quick calculation of enlargements or reductions of photographs, art work, layouts and blue prints. Line up size of original on edge of buff-colored inner disc with reproduction size on white outer disc. Read percentage of original size and number of times of reduction in window. 5" diameter laminated vinyl.

F-642 Shpg. wt., .4oz. Net 1.39



LAFAYETTE LAB and FIELD EQUIPMENT for RESEARCH in SCIENCE and TECHNOLOGY



1/10TH SECOND "ELECTRONIC" TIMER

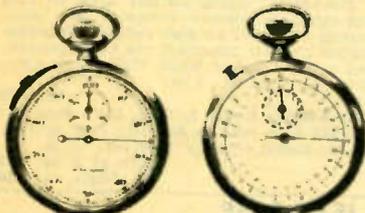
25⁹⁵

- Made to Gov't Specifications
- Mil-W-6510 (USAF) Type A-8
- Exceptional Accuracy

Especially useful as timing components of electronic and radar equipment. Made in accordance with government specification number MIL-W-6510 (USAF) Type A-8. Dial face calibrated in 1/10 seconds. Sweep hand completes turn in 10 seconds. Register divided in 10 sec. Increments, completes turn in 5 minutes. Luminous figures on black face. Start, stop and fly back to zero by successive depressions of the crown. Balance staff shock protected, unbreakable mainspring, nickel finished case. Swiss made.

F-774L Shpg. wt., 8 ozs. Net 25.95

DECIMAL "TIME-OUT" TIMER



Ideal for industrial time-studies. Easy-to-read outer dial divided in 1/100 of a minute registering up to one minute. Inner dial graduated in minutes and registers up to 30 minutes. Push button, for timing out, brings both hands back to zero. Pressures on the crown will consecutively start, stop and again start the timer. Dependable 7-jewel movement. Swiss made. Shpg. wt., 8 oz.

F-664L Net 9.75

1/10th Second "Time-Out" Timer

Suggested for close timing. Large hand registers 1/10 of a second, up to 30 seconds; small hand in minutes, up to 15. Start, stop, and continue from crown; instant return to zero by push button. Accurate 1-jewel movement. Chromium plated nickel case. Shpg. wt., 8 oz.

F-665L Net 6.90
Same as F-665 (above) except 7 jewels. Net 9.33
F-773L

AIRCRAFT CLOCKS

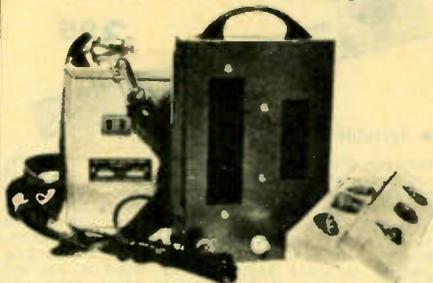


- Made to Gov't Specifications
- Mil-C-7939A, AN-5743-2 and AN-5743-L2
- Exceptionally Accurate, Precision Movement
- Panel Mounts in Lab, Plane, Car, or Rack.

Standard equipment in the better airlines. Made in strict accordance with USAF specification Mil-C-7939A, Type A-11, AN-5743-2 and AN-5743-L2. Exceptionally accurate, dependable, precision movement. Runs 8 days on one winding. Big luminous, hands and numerals (61 green phosphorescent), sweep second hand, 24 hour dial, 1 7/8" diameter. Winds and sets from the front. Readily mounted in rack panels, instrument panels, dash boards. Lightweight, unbreakable, oxidized black aluminum case. Shpg. wt., 1 lb.

F-775L Net 27.95

Super TIGER EYE U/V Light



- ★ Long and Short Wave Ultra-Violet Light
- With 20 Identified Mineral Specimens

New, super Tiger Eye Twin-developed especially for Lafayette as an invaluable aid to lab and field investigations. It employs advanced engineering principles to provide unsurpassed radiation intensity—peak intensity at 2537 angstroms. Wide range coverage of both long and short ultra-violet waves. Yet this versatile unit is completely self-contained in one metal housing and operates from either AC house current or batteries. Easily carried—weighs only 1 lb., 15 ozs. Portability extends its uses. Typical applications: fluorescence demonstrations, mineral determination, prospecting. Special circuit has been designed for high efficiency, low drain operation. Tubes are easily replaced. Extra large filters. Includes 20 identified mineral samples and a 12 page book which describes some of the many uses of ultra-violet radiation. Comes complete ready for use—for 110-120 V, 50/60 cycles. Less-batteries (2-45 "B" batteries required for portable use). Battery case optional. Size: 5 1/2"x2x8 1/2". Shpg. wt., 4 lbs.

ML-255 Net 29.95
BA-245 Battery Adapter Case with adjustable shoulder strap. Shpg. wt., 2 lbs.
ML-256 Net 5.75
45 Volt "B" Battery (2 required for battery operation). Shpg. wt., 3 oz.
BA-126 Net 2.70

U/V FLUORESCENCE ACCESSORY SET

6⁹⁵

(Not Illustrated)

Contains 16 different items including: invisible water paint (4 colors) invisible tracer power, invisible writing ink, phosphorgram, UV transmitting and absorbing clear plastic, invisible dye, 10 yds. fluorescent elastic cord. 48 page "Story of Black Light" book of experiments.

ML-291 Shpg. wt., 1 1/2 lbs. Net 6.95

24-HOUR GMT AIRCRAFT CLOCK



- Shows Greenwich and Local Time Simultaneously
- 24-Hour Dial
- Made in Accordance with USAF Specifications
- 8-Day Clock

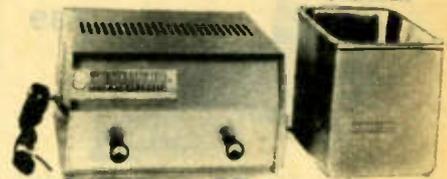
47⁹⁵

EASY BUOGET PLAN SEE PAGE 381

A precision 8-day aircraft clock equipped with additional hand which is set for Greenwich time and moves simultaneously with the regular hour hand. Lightweight, unbreakable, oxidized black aluminum case. Winds and sets from the front. 24-hour, 1 7/8" dial. Shpg. wt., 1 lb.

F-828L Net 47.95

NEW! DiSONtegrator® ULTRASONIC CLEANER



- EMPLOYS AN ADVANCED CLEANING PROCESS
- HIGH CAPACITY — 1/2 GALLON TANK
- 80 WATT AVERAGE OUTPUT GENERATOR

Lafayette brings you one of the lowest priced ultrasonic cleaner available. Ultrasonics has resulted in a new standard of time-saving, immaculate cleaning. A special transducer located in the solvent tank is excited by an ultrasonic generator (at 90,000 cps). It sets the solvent in agitation, producing microscopic bubbles (cavitation) which disintegrate dirt particles. Soil can be removed from the finest crevices without damage to delicate parts. DiSONtegrator Ultrasonic Cleaner consists of a 40 watt pulse generator and a 1/2 gallon cleaning tank. Tank constructed of stainless steel with 4A grade polish. Specifications: Input 110-117V, 50/60 cycles; Output 90 kc—80 watts. avg., 320 watts peak. Generator size: 12Lx9 3/4x7" H. Tank size: 6 1/4Lx7Wx6 1/2" H. Complete with 4' connecting cable and 5 year free service guarantee. Exterior of tank and generator finished in baked enamel gray. See listing below for solvents.

ML-218WX Shpg. wt., 18 lbs. Net 99.95

30 WATT ULTRASONIC CLEANER

For cleaning small manufactured parts — electrical contacts, contact lenses, dentures, bearings, jewelry, etc. Generator output 30 watts average, 120 watts peak. Inside tank dimensions: 3 3/8x3 3/8x3" deep, 1 pint capacity. Shpg. wt., 18 lbs.

ML-300WX Net 69.95

1 1/2 GALLON ULTRASONIC CLEANER

New extra high capacity cleaner widely used in electronics, automotive and other precision instrument fields. Valuable in all areas of applied medicine. Polished stainless steel tank size (inside): 12 3/4x7x8 1/2" high. Generator output: 90 Kc @ 120 watt average, 480 watt peak. 32 page manual.

ML-301WX Shpg. wt., 20 lbs. Net 219.95

SONITizer® Ultrasonic Cleaning Chemicals. Avg. shpg. wt., 9 lbs. per gal.

ML-257 Ammoniated Detergent, 1 gal. Net 4.05
ML-25E Detergent Concentrate, 1 gal. Net 3.95
ML-259 Zero Residue Fast Dry Solvent, 1 gal. Net 3.85
300 Watt Immersion Heater
Nichrome alloy heating element. Sheathed and sealed in nickel plated brass. Overall length 6 1/2", 115 V AC/DC 300 watts. Shpg. wt., 8 ozs.

F-388 Net 7.9

BASIC ULTRASONICS by Cyrus Glickstein. A definitive illustrated work for a complete understanding of the new art of ultra sonics. Divided into three sections: general theory, with special reference to the nature of sound and ultrasound waves; basic types of ultrasonic equipment; and ultrasonic applications. Each section is independent and can be read without reference to the other section. Soft cover, 144 pages 6x9".
BK-863 Postpaid in U.S.A. Net 3.43

ABBE DRAWING APPARATUS

- MICRO-CAMERA LUCIDA • HIGH OPTICAL QUALITY • EXCEPTIONAL CONVENIENCES



15⁹⁵

The Abbe type drawing apparatus can be used with any microscope having a body tube diameter of 24 mm (society size). Permits "tracing" of subject as seen in the microfield by superimposing the image on a drawing plane. High optical quality of the prism and lateral reflecting mirror gives a "projected" image of extreme brightness and clarity. Free of distortion. Calibrated, dove tailed, adjusting slide. Complete with light and dark filters and fitted wooden case. Shpg. wt., 1 1/2 lbs. F-453 Imported Net 15.95

EXPERIMENTERS — HOBBYISTS — STUDENTS

SENSATIONAL NEW LIE-DETECTO MACHINE



977

An Action Packed Electronic Sensation!

- Employs The Same Method As The Famous Polygraph Machine
- Registers Emotions, Feelings and Reactions
- Absolutely Safe

Here's fascinating fun for the whole family. An exciting, different device that will provide hours of conversation and enjoyment. Based on the principles of the famous Polygraph Machine, the Lie-Detecto measures the change in resistance in the skin due to emotional response by means of a special hand-band which detects the amount of perspiration on the skin. Emotions, Feelings and Reactions are registered on an indicator which swings from Start thru Could Be, Are You Kidding, Little Whopper and Big Whopper, depending on the reaction of the person tested. In addition two panel controls provide for Sensitivity and Adjustment. Unit is enclosed in an attractive, rugged enclosure of non-breakable Norolon. Supplied with simple instructions and sample questions, hand-band and batteries. Shpg. wt., 4 lbs. AP-84 Net 9.77

DEMONSTRATION EYEPIECE



- VARIABLE OCULAR INDICATOR

A movable pointer in the eyepiece is visible in the optical field. Permits indication of points of interest—serves as index guide or point of reference. 8X, highly corrected, fits any standard 23mm microscope tube. Complete with case. Shpg. wt., 8 oz. Imported. F-449 Net 7.95

NEW! ELECTRIC MUSIC BOX MOVEMENTS

198

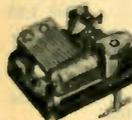
- Operates on a single flashlight cell
- Full 18 note scales
- Maintains perfect pitch



Uses limited only by your imagination! Battery operation opens a whole new field of applications. No springs to run down—no keys to wind! Precision built miniature motor and moving parts are designed to last a lifetime. Can be used anywhere ordinary movements are used—plus many more places. You can have a musical door "bell"! musical electric toys! work into model train layouts! store displays! annunciators. Measures only 3x1 3/8x7/8". Operates from any 1 1/2 volt battery of your choice. Shpg. wt., 6 oz. Imported

| | |
|------------------------------------|----------|
| MS-760 Moonlight Serenade | Net 1.98 |
| MS-761 Smoke Gets in Your Eyes | Net 1.98 |
| MS-762 How Dry I Am | Net 1.98 |
| MS-763 Around the World in 80 Days | Net 1.98 |

MINIATURE MUSIC BOX MOVEMENTS



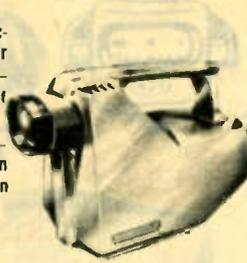
- PRECISION MOVING PARTS
 - MORE THAN 3-MINUTES PLAYING TIME
 - RUGGEDLY BUILT
 - BEAUTIFUL TONE
- .98**

Can be mounted in cigarette boxes, perfume cases, etc. Has full 18 note scale. Complete with threaded mounting holes and winding key. Size: 1 7/8x2 1/4x3/4". Shpg. wt., 6 oz. Imported

| | |
|-----------------------------|---------|
| MS-578 AULD LANG SYNE | Net .98 |
| MS-579 HAPPY BIRTHDAY | Net .98 |
| MS-580 HERE COMES THE BRIDE | Net .98 |
| MS-581 BLUE DANUBE WALTZ | Net .98 |

PROJECT-A-SCOPE

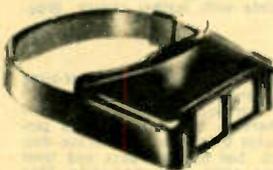
- Projects Giant Pictures in Color or Black and White—Without Films or Negatives
- For Lectures — Study — Classroom or Just Plain Fun



5.95

Handsome projector molded of heat and abuse resistant, hi-impact plastic for long life. Casts sharp, giant-size enlargements on any white wall or screen in brilliant color or black and white. Simple to operate. Can be used by students, artists, collectors, lecturers and demonstrators. Children can project their favorite comics or story books to amuse themselves and their friends. Uses ordinary household bulbs. U/L approved. 110 volts, AC-DC. Shpg. wt., 2 lbs. F-694 Net 5.95

MAGNA-SIGHTER® 3-D BINOCULAR MAGNIFIER



788

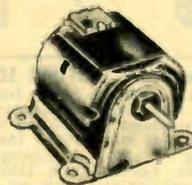
- MAKES SMALL PRINT READ BIGGER
- REDUCES HARMFUL EYESTRAIN
- LEAVES HANDS FREE TO WORK

Magna-Sighter is a precision optical instrument enabling anyone to do very close work and see it clearly in 3 dimensions. Adjusts to any head size comfortably. No moving parts to replace or wear out. Ideal for hobbyists, repairmen, inspectors and technicians. Available in 4 sizes. Shpg. wt., 3/4 lb.

| | |
|-----------------------------------|----------|
| F-856 1.75X, 14" Working Distance | Net 7.88 |
| F-857 2.25X, 10" Working Distance | Net 7.88 |
| F-858 2.25X, 8" Working Distance | Net 7.88 |
| F-859 3.5X, 4" Working Distance | Net 9.38 |

SUPER MICRO-MOTORS

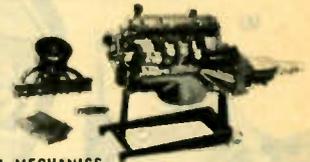
- HALF THE WEIGHT — TWICE THE POWER!
- HIGHER SPEED—LOWER DRAIN!
- PERMANENTLY LUBRICATED!
- DOUBLE PERMANENT FERRITE MAGNETS!



Expertly designed, miniature, D.C. permanent magnet motors. Ruggedized construction for industrial use. Highest power and speed to weight ratio of any miniature motor makes these a "natural" for models and remote control applications. Ferrite magnets preclude possibility of demagnetization and offer minimum weight. Unique, precision formed device permanently centers commutator in precise position. Utilizes phosphor-bronze brushes and brass sleeve bearings! May be mounted by means of motor mount supplied or by means of tapped hole in motor case. Shafts are 3/32" in diameter. F-403 is 1x1 1/4x1 1/2", 1 1/2 oz. F-404 is 1 1/4x1 3/4x1 3/4", 2 1/2 oz. F-405 is 1 1/2x1 3/4x1 3/4", 2 1/2 oz. Avg. shpg. wt., 6 oz. Complete with leads. Imported

| Stock No. | Volts Range | Drain Ma. | RPM | Net. Wt. Oz. | Lots of 3 Ea. |
|-----------|-------------|-----------|-----------|--------------|---------------|
| F-403 | 1.5-4.5 | 200-300 | 5000-6000 | .59 | .53 |
| F-404 | 1.5-6 | 200-300 | 6000-7000 | .89 | .80 |
| F-405 | 1.5-9.0 | 100-150 | 7000-8000 | 1.10 | .98 |

NEW! REVELL "Slant-Six" MODEL KIT



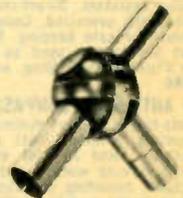
- FOR MODEL MECHANICS
- MOTOR PARTS ACTUALLY WORK
- EDUCATIONAL • AUTHENTIC PROTOTYPE

Except for size, this Revell motorized plastic 1/4" scale working model kit of a slant six automobile engine duplicates its full size prototype. The design has been officially approved by the Chrysler Corporation in detail with those of the remarkable new engine powering the Vallant and Lancer automobiles. Just as the real engine, it can be built up and taken down as often as desired. A section of the block can be removed to see the interior parts actually working. In this motor-minded age the "Slant-Six" makes an ideal kit for any boy or man to own and build. It's fun—and according to educators, its an excellent learning tool. Included is an elaborate educational instruction booklet and a sturdy stand for mounting the engine. Battery operated to provide realistic engine movements. Economical "C" cells are used. F-769 Shpg. wt., 2 1/2 lbs. Net 9.55

BA-156 Extra "C" cells. 2 required. Net ea. .13

DUPLEX EYEPIECE ADAPTOR

- SIMULTANEOUS DUAL OBSERVATION



Practical, comfortable viewing of the microscope field by two observers. Exceptional optical quality provides equally clear, undistorted views to either tube. No variation is created in focusing methods. May be used with eyepieces of equal or varying power. Particularly suited to classroom "student-instruction" work or where too few microscopes are available. Provides for ocular power variation without removing eyepiece. Permits "consultation" viewing. Fits standard Society size microscopes and accepts standard (23mm) eyepieces. Shpg. wt., 12 oz. Imported from Japan. F-616 Net 10.95

DISTLER MINI-MOTOR

- EXTREMELY EFFICIENT
- VOLTAGE RANGE 1.5 TO 6 V.D.C.



Exceptionally versatile miniature D.C. motor. Operating voltage from 1.5 to 6 volts D.C. Extremely low current drain. Will operate on voltages for above and below rated requirements. Ball bearings afford maximum efficiency. Transparent plastic brush housing—removable brushes—tubular form. Overall size 2 3/8x1 1/4" D. Shaft 3/32". Weight 2 3/4 oz. Recommended for industrial and laboratory development work. Used in remote control devices, models, displays, etc. 6 oz. F-258 Imported from Germany Net 2.25

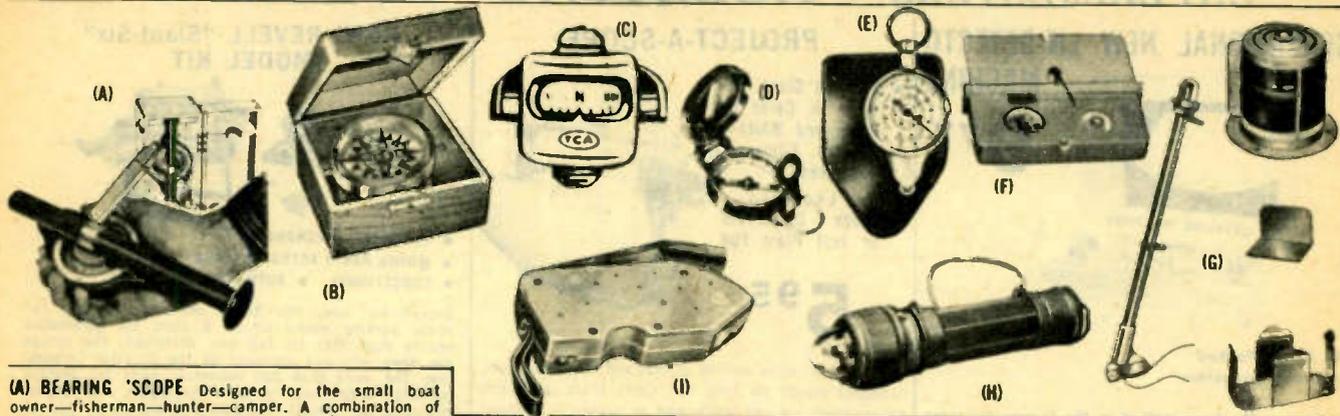
SEWING MACHINE MOTOR

- 1 to 1.2 Amps under load
- 15,000 RPM to 5000 under load
- 12 in./oz. Torque



For replacement or initial motorizing of sewing machines. Powerful enough for fans-blowers-dental and jewelers lathes-hobby tools-displays. 5000 RPM full load speed, 15,000 RPM no load speed. CCW rotation facing shaft end. Cast housing 4 1/2" long, less shaft x 2 1/2x2 3/4" W. Two tapped 10-32 mtg. holes on 2 1/4" centers. 1/2" fluted shaft, 3/4" long. 12" cord lead. Fan cooled, permanent oilite bearings. Operates on 110. 120 Volts AC or DC. Shpg. wt., 2 1/2 lbs. MS-843 Net 4.95

Selected Feature Values



(A) BEARING 'SCOPE Designed for the small boat owner—fisherman—hunter—camper. A combination of an "alidade" type sighting tube and a jeweled pivot, liquid compass. Takes instant, accurate sightings on landmarks and converts them into compass bearings. By recording two bearings you can return to the precise position at any time. Fixes your position automatically—easily—and without "navigator's" complicated instruments. The compass is graduated in increments of 1° with each 10°s called out. Constructed of heavy brass throughout, anti-magnetic and corrosion-proof. Complete with instructions. Shpg. wt., 3 lbs. Imported. F-660 Net 24.95
BA-155 Battery For F-660 Net .095

(B) MARINE COMPASS Entirely non-magnetic and corrosion resistant. Direct-reading 360° dial. All cardinal points are oversized. Compass is easily removed from gimbal for safe keeping. May be mounted as a permanent binnacle or used as a portable unit. Dimensions are 4 1/2 x 4 3/4 x 3 1/4". Shpg. wt., 1 1/2 lbs. Imported. F-386 Net 2.59

(C) AUTO-BOAT COMPASS Mounts anywhere on cars—boats—trucks—tractors—motorcycles. Non-glare, universal mounting bracket. Most easily compensated compass available. Just a twist of the bottom or top knob. Large viewing window and figures for ease of reading. Includes mounting accessories and instructions. Illuminated model includes both 6 and 12 volt bulbs. Shpg. wt. 1 lb. F-322 Non-illuminated Net 3.75
F-323 Illuminated Model Net 4.49

(D) LENSATIC POCKET COMPASS Jeweled-bearing metal scale with cardinal points in luminous paint. Twin scale, 0 to 64 and 0 to 360. Bezel rotates 360°—with 3° click stops for ease in computing. "Notch and hairline" sighting for accurate azimuth readings. Luminous reference lines on 2" diameter glass face plate. Black anodized aluminum case with brass fittings. Shpg. wt., 6 oz. F-493 Imported Net 2.25

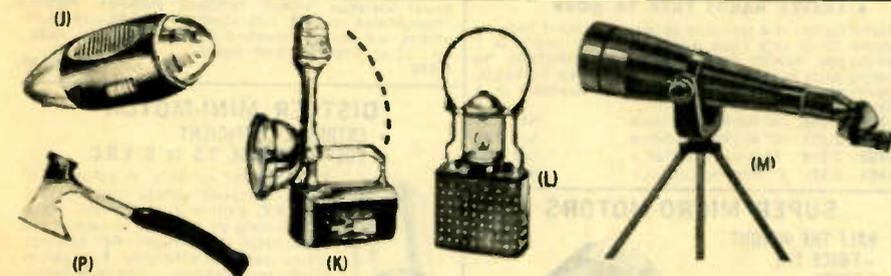
(E) MAP MEASURER & COMPASS Just trace along route on map and multiply miles—per inch factor by reading on dial. Also reads directly in inches up to 39". Built-in magnetic compass has cardinal and secondary points—full 360° markings in tenths. Accurate and dependable. Complete with leather sheath. Shpg. wt. 8 oz. F-47 Imported Net 1.59

(F) TENNIKIT UNIVERSAL SUN DIAL Pocket-sized modernized version of the world's oldest "time piece." Perfect companion for Boy Scouts—hikers—hunters—campers—tourists—fishermen. Unusually accurate sun-time readings are possible by means of time/sun declination charts included. Sun dial, compass and level are incorporated in one solid case measuring 2 3/4 x 1 1/2 x 1/2". Shpg. wt., 6 ozs. Imported. F-627 Net 1.15

(G) LAFAYETTE BOAT-LITE KIT The Lafayette Boat-Lite Kit meets the rigid requirements for lights on small boats as set up by the U.S. Coast Guard. The combination red and green running light has correctly shielded lens for clear visibility for over one mile. The flag-staff stern light has a unique plug-in feature for quick and easy removal. Light is visible for 2 miles. All parts are corrosion-resistant. Kit includes mounting brackets and instructions. Shpg. wt., 3 lbs. Imported. F-559 Boat-Lite Kit (less battery) Net 3.69
BA-163 6-Volt Battery for above (wt., 3 1/4 lbs.) Net 1.83

(H) AMPHIBIOUS FLASHLIGHT Completely waterproof, gas tight, explosion proof flashlight. Tested to more than 150 feet under water. Unique lens provides both spot and diffused light. Base switch can be set to use for signaling. Perfect for the skin diver, fisherman, sportsman—or in industry, mines, tankers. Shpg. wt., 1 lb. Imported. F-434 Net 2.95

(I) DELUXE GENERATOR FLASHLIGHT The perfect pocket flashlight for home, car—or to carry with you. Plenty of bright light generated by thumb pressure. No batteries to corrode or go dead. Beautifully styled, it includes lock switch and finger strap. Only 4 1/2 x 1 3/4" D. Ideal for campers—tourists—motorists. Weights only 6.5 oz. F-838 Shpg. wt., 11 oz. Net 3.59
F-839 Replacement bulb Net .13



(J) RECHARGEABLE FLASHLIGHTS Always ready for use—no more batteries to buy. Simply plug into the nearest 110V. A.C. wall outlet—leave overnight—for a complete recharge. Self contained charger and cells need no service or replacement in normal use. 4x1 1/4" overall. Shpg. wt., 6 ozs. Imported. F-688 Net 2.59

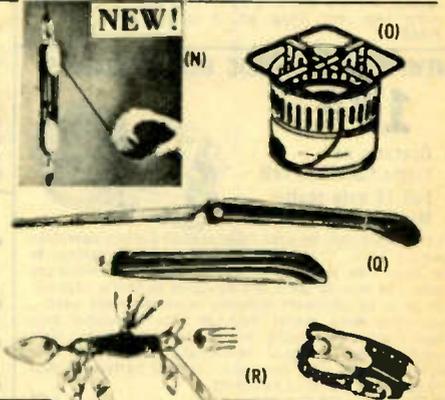
(K) BIG BEAM Powerful, versatile sealed beam hand lamp. Operates as a lamp, a flashing red beacon or both. The flashing beacon may be positioned up or down. Sealed beam bulb keeps mirrored reflector dust free. 4" chrome-plated steel lamphead. Steel weather-proof case with hinged cover and snap catch. Operates on one battery. Shpg. wt., 3 lbs. ML-66 Less Battery Net 6.98
BA-161 No. F4H battery wt., 1 1/2 lbs. Net .79

(L) BURGESS RADAR-LAMP Can be used in any position without danger of explosion. Battery power means no heat, no fumes, no matches. Lantern head provides 360° illumination, enough to fill a room with usable light. Leakproof, weatherproof, corrosionproof. Separated head and battery design banishes corrosion damage. ML-303 Shpg. wt., (with battery) 4 1/2 lbs. Net 5.73
BA-163 TWI Battery. Shpg. wt., 3 1/4 lbs. Net 1.83

(M) 30x, 60mm SPOTTING SCOPE Field of view is 85 feet at 1000 yds.! Both front and rear optics are coated. High relative brilliance due to 60mm objective lens. Exceptionally small and light—weighs only 2 lbs. including metal tripod! The perfect companion for shooting—hunting—viewing—naturalists—and hobbyists. Equipped with 11 1/2" tripod and zippered leather carrying case. Shpg. wt., 3 lbs. F-149 Imported Net 16.95

(N) MINIATURE IMPROVED HOIST Indispensable in industrial plants and workshops. Perfect for hunters—boaters—airplane owners—motorists. Made of high grade aluminum with steel axles. Pre-lubricated for life. Two lifting slings—with heavy, welded steel rings. Nylon cable supplied tests at 550 lbs. per strand. "Midget" hoist comes with 70 ft. of Nylon cable, a 7 to 1 ratio—1000 lb. test—and weighs only 13 oz. "Tiny" hoist has 100 ft. of Nylon cable, a 7 to 1 ratio—2000 lbs. test—and weighs only 15 oz. HD-330 "Midget". Shpg. wt., 1 1/2 lbs. Net 6.95
HD-331 "Tiny". Shpg. wt., 2 lbs. Net 8.95

(O) SMALL FRY PORTABLE ALCOHOL STOVE Made of lightweight aluminum with a ceramic insert that completely absorbs the alcohol fuel. This remarkable alcohol stove is so safe you can roll it along the floor while it is burning. Boils water in 12 minutes. Burns for 3 hours for 10c of fuel. Weighs only 24 ounces and measures a compact 5x5". Shpg. wt., 2 lbs. ML-307 Net 3.75



(P) CAMPER'S HAND AXE Drop forged steel, one piece scout axe. Re-curved, shock absorbing handle. Air-cushioned rubber grip. Fully polished head and shaft. 24 oz. weight, 13 1/2" overall. With nail-puller. Shpg. wt., 2 lbs. HD-461 Imported Net 1.95

(Q) FOLDING CAMPERS SAW Handy, compact folding saw. Nine-inch spring steel blade folds back into polished, hardwood handle. Special snap lock keeps blade in sawing position. Ideal companion for campers, hunters, or as a gardener's pruning saw. Overall size only 10 1/2 x 2 1/4". Shpg. wt., 8 oz. Imported. HD-482 Net .98

(R) CAMPER'S "KOMBO-KNIFE" 11 steel blades offer 12 assorted uses—spoon, fork, 3 1/2" saw, 3 1/2" knife, pruning knife, scissors, can opener, bottle opener, corkscrew, screwdriver, file, scraper. Handle of tough simulated bone. When closed measures only 4 1/4" long. Complete with leather sheath. Shpg. wt., 1 lb. Imported. F-555 Net 1.59

TECHNOLOGICAL AND SCIENTIFIC WEATHER INSTRUMENTS



"WINDICATOR" ANEMOMETER

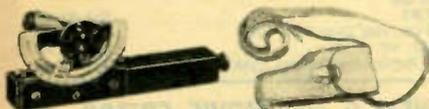
- Wind Direction and Velocity Indicator
- Direction and Velocity on One Dial
- Indicates Velocity from 0 to 100 m.p.h.
- New "Gyro" Design
- Starting Speed: 5 m.p.h.
- Accuracy for Speed $\pm 5\%$

Registers wind velocity and direction on a single dial. Completely self contained—no outside power source is required. A precision velocity/direction system designed to fill the needs of serious weather students, pilots, colleges, broadcast stations, marinas, airports, farms, testing labs, drilling rigs, forestry stations, yacht clubs, motels as well as private homes and executive offices. The transmitter assembly may be mounted on any suitable elevated position. Utilizes any 1 1/4" O.D. pipe or mast. Indicating unit can be wall mounted or set on a desk, table, wooden cabinet, 5 1/2" x 2 1/2" x 7 1/8", finished in black and gold. Highly legible dial face 4 1/2" x 3 1/2". Two scales for speed, 0 to 25 m.p.h. and 0 to 100 m.p.h. plus third scale for direction. Outdoor parts of aluminum and specially coated and treated steel for maximum corrosion resistance. Self contained battery—no drain except when reading wind direction. Simple installation—similar to TV antenna installation. New "Gyro" design for maximum stability and minimum wind loading. Complete with 60 ft. of 5 conductor, color coded cable, 1 1/2 volt battery and instructions. Shpg. wt., 15 lbs.
F-507WX Imported Net 48.95

"WINDICATOR" MOUNTING KIT

- Guyless Universal Mounting Assembly
- Consists of mini-tower for mounting on any peaked or flat roof or surface. 5 ft., 18 gauge, 1 1/4" O.D. aluminum mast. Special, hardened screw-nails for rigid fastening. Self sealing, adjustable feet. Five standoff insulators. Set up height 9 ft.
AM-20WM Shpg. wt., 8 1/2 lbs. Net 7.17
Wire for extended runs, 5 cond., color coded.
WR-121 Shpg. wt., 2 1/2 lbs. Net, per 100 ft. 4.70

ABNEY CLINOMETER LEVEL



The Abney topographic level enables the user to determine ground elevation—measures degrees of slope or inclination—run a level line—etc. Permits preliminary surveying with little or no experience. Fine prismatic system. Arc scale is divided into 60 degrees both sides of zero. Vernier scale reads 1 to 10 minutes. Arc swings from 0 to 90 degrees. Particularly useful in laying out drains—retaining walls and fences—driveways—fields—etc. Includes leather case and strap. Shpg. wt., 3 lbs. Imported
F-138 Net 7.75

PORTABLE WINDICATOR

- Hand Held Anemometer
- Indicates wind direction and velocity to 50 m.p.h.
- Easy to operate—30 second readings
- Simple—foolproof—direction indicator

27⁹⁵
NO MONEY DOWN

EASY PAY PLAN SEE PAGE 361

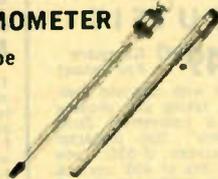


A completely self contained instrument that registers wind velocity up to 50 m.p.h. and wind direction by means of an integral compass and accurate vane. Requires only 30 seconds exposure for accurate readout. Immediately resettable. Designed specifically for boat owners, marinas, pilots, airports and small weather stations. Indispensable for sports events such as skiing, sailing regattas and shooting meets. Lightweight and rugged, contoured handle for ease of holding. The handle may be removed and the entire unit mounted on a standard camera tripod. This feature permits untended, continuous wind direction indications. Easily read, 3 3/4" white dial face with black numerals and red indicator. Heavily chromed and enameled to resist the elements. Overall height 15", including handle. Shpg. wt., 2 lbs.
F-623 Imported Net 27.95

POCKET THERMOMETER

- Accurate Lab Type
- With Metal Case

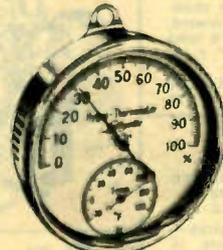
180



Ideal for a wide range of testing and inspection jobs in the laboratory, factory, and the field. Mercury type—partial immersion. Easy-to-read white scale with black numerals. Sub-divided by 2° F. Polished nickel-plated case with pocket clip and ring on top. Overall 6 1/4" long; tube length 5 1/2". Shpg. wt., 4 oz.
F-771 Range: -30° to 120°F Net 1.80
F-772 Range: 0° to 220°F Net 1.80

HYGRO-THERMOMETER

650

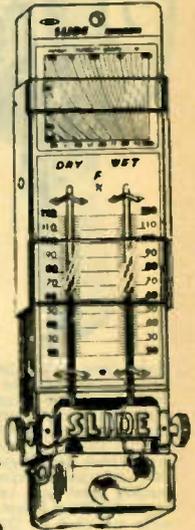


Do you ever wonder what it is about the weather that makes you feel miserable? This instrument evaluates the physical discomfort that is caused by the relative fluctuation of temperature and humidity. A large 3 1/2" easy-to-read dial face is housed in a metal case fitted to hang on your wall. One scale records the humidity in the atmosphere and is marked in percent, the other scale indicates the temperature in degrees fahrenheit. Each scale has its own individual dial pointer for at a glance readings. Shpg. wt., 1 lb.
F-788 Net 6.50

HUMIDICATOR—"SLIDE RULE" HYGROMETER

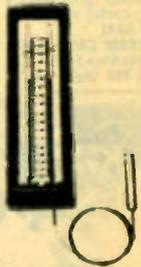
- Slide Rule Readings
- No Computing — No Conversion
- Exceptional Ease and Accuracy

The most recent innovation in weather instruments. Fastest—easiest method of determining relative humidity. With the cursor (slide) set on the temperature, the relating humidity is read directly off the humidity indicator graph. Does away completely with tables, charts and time consuming calculations. The "slide rule" calculator correlates wet and dry bulb readings and "calls-out" percent of relative humidity. The "Humidicator" graph is calibrated in increments of 2%. Lesser figures may be readily estimated. Both thermometers are calibrated in increments of 2° from 20°F. to 120°F. Background colors chosen for easy readability and instant reference to "Humidicator" graph. Specially treated gauze for wet thermometer has increased "wetting" capacity. Overall size, including cistern, is 13 1/2" x 3 3/4". All mounted on a mahogany board with provision for hanging. Shpg. wt., 1 lb.
F-496 Imported Net 2.69



INDOOR-OUTDOOR THERMOMETER

Tell inside and outside temperature—Instantly—from the comfort of your room. Inside location—ideal for quick-easy reading. Dual tubes single scale for instant, visual comparison. Plastic case with modern tapered lines. 8" x 2 1/2" x 48" long copper capillary tube and bulb. Large scale numeral for ease of reading. No moving parts to become worn. Shpg. wt., 1 lb.
F-32t Net 2.58



MAXIMUM-MINIMUM THERMOMETER

For weather enthusiasts-gardeners-farmers, etc. Gives three readings at a glance — maximum, minimum and present temperatures. Self-registering — no knobs — magnets — or push buttons needed for reset. Magnifying lens case for ease of reading. Maintains automatic check on temperature variations. Makes you the local weather expert. Shpg. wt., 1 lb.
F-372 Net 4.70

REMOTE READING THERMOMETER. Same as above but with remote for comfortable indoor reading of outdoor temperature. Includes mounting bracket and instructions. Shpg. wt., 1 lb.
F-851 Net 7.49

RAIN GAUGE

Farmers, gardeners, weather hobbyists. All need this sturdy, molded plastic rain gauge, precision manufactured to give accurate rainfall records. Unique "chisel" shape permits recording of minute quantities of precipitation. Exclusive easily-operated Cumulative Rainfall Indicator. The gauge has large numerals on an easy-to-read scale graduated up to 5 1/2 inches. Scales in black numerals on transparent shell with opaque back for easy readability. With complete instructions for mounting and use, to obtain weather-station accuracy to 1/10th of an inch. Overall length 10 3/4", width 2 1/2". Shpg. wt., 8 ozs.
F-494 Net 1.47



LAFAYETTE DIRECT IMPORTS COMPARE—for Value!

Tested and selected for consistent quality

NEW!



ZOOM f 1.8 REFLEX CAMERA with AUTOMATIC ELECTRIC EYE

ONLY 69⁹⁵
NO MONEY DOWN
EASY PAY PLAN
SEE PAGE 381

- f 1.8 Focusing Zoom Lens
- Zooms in Focus From 3 Ft. to Infinity
- Reflex Viewing—You Look Thru The Lens
- Automatic, Cross-Coupled Electric Eye Photometer
- Uses Any Film ASA-10 to 100
- Trigger-Action Pistol Grip

You see precisely what the camera lens see, through the lens true reflex system. Nothing can match a

Zoom Lens Movie Camera for unusual, dramatic effects and all-around versatility. Focusing through the zoom lens is universal. You get needle sharp zoom pictures from Wide Angle through Normal to Telephoto — by extending a single lens. The automatic electric photometer needle is visible in the view finder and cross-coupled to the shutter diaphragm. Just match the needle in the view for perfect film exposure. Calibrated for ASA 10-25-32-40 and 100 film speeds. Needle sharp focusing from 11mm wide angle to 33 mm telephoto. Three-way operation provides normal run, lock and single frame for special effects. Standard "double — 8" roll is quick loading spool type. Lens: Zoom f 1.8 with focal lengths variable from 10mm at wide angle to 30mm telephoto, zooming ratio 1:3. Quiet ratchet-wind motor has a continuous run of 6 ft. (30 sec. @ 16 fps), on one full wind. Sturdy die-cast body in two-tone charcoal black and gray. Precision 0-25 footage counter. Trigger-action pistol grip handle provides a firm, comfortable grip for smooth, steady pictures. Expertly crafted in Japan. Shpg. wt., 5 lbs.

F-864L Net 69.95
ZOOM CASE: Holds camera with pistol grip attached. Room for accessories. Measures 10x8½x3¾". F-784 Shpg. wt., 2 lbs. Net 5.79

3-LENS f 1.8 TURRET CAMERA with AUTOMATIC ELECTRIC EYE

- Automatic, Cross Coupled Electric Eye Photometer
- 3 Quick Change, Turret-Mounted f 1.8 Lens
- Built-in "A" Conversion and UV Haze Filters
- Pistol Grip with Trigger Release
- "Combo-View" Finder for Normal, Wide Angle and Telephoto Shooting
- Slide Rule Footage Counter



ONLY 39⁹⁵
NO MONEY DOWN

The automatic electric eye enables you to adjust exposure as you shoot. You get perfectly exposed movies automatically simply by aligning the needle in the viewfinder. Film speed selector dial adjusts for speeds of ASA 10-40. A quick twist of the turret dials the effect you want; from Normal to Wide angle or Telephoto for thrilling close ups of distant subjects. The fast, f 1.8, fixed-focus lenses are color-corrected and coated. Etched optical view finder shows exact field for each lens. Both Conversion filter (type R) and UV Haze filter (type 1A) are built into the lens system, ready for instant use. Handy dial for ease of selection. Full sized pistol grip with trigger release provides easy one hand operation. Assures smooth, steady, wiggle-free filming. Safety lock prevents accidental release. Grip detaches when not in use. Dual action release for normal run and single frame exposure. Winder folds into body when not in use. Governor-controlled motor for constant running speed—slide rule footage indicator—resets when film is loaded. Economical drop-in spool loading. Cable release socket. Tripod socket for light bar or tripod mounting. Includes instructions and pistol grip handle. Expertly crafted in Japan.

F-863L Shpg. wt., 5 lbs. Net 39.95
F-648 Holster case for F-863L Net 2.95



ZOOM MOVIE OUTFIT 149⁹⁰

Compare For Value!

A complete Zoom movie outfit with matched components to assure success in taking and showing home movies. The camera is Lafayette's Zoom f 1.8 Reflex (F-864L), "Ultra" 500 projector (F-785WX), 30"x40" folding screen (F-536), new Hi Lite movie gun (F-868M) 2 Sets of 400' reels & cans (F-538), Zoom camera case (F-784), 25 ft. roll of Kodak movie film with processing (F-576) F-866WXM Shpg. wt., 40 lbs. Net 149.90

NO MONEY DOWN

MANSFIELD "ULTRA" 500-WATT BRILLIANCE 8 mm MOVIE PROJECTOR

- FAST, EASY LOADING
- FORWARD, STILL & REVERSE
- SELF-CONTAINED CARRYING CASE

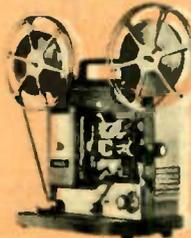
59⁹⁵

The new "Ultra" 8 mm projector features several unusual conveniences to complicate movie showing. Has swing-out gate for fast threading. Forward, Still and Reverse positions. Brilliant, new DFA lamp gives uniformly bright picture. Cinepar... f/1.6 lens. Self-contained carrying case. F-785WX Shpg. wt., 10 lbs. Net 59.95
F-786 Replacement Lamp (DFA) Net 2.70

NEW KEYSTONE K-98Z AUTO-THREAD ZOOM PROJECTOR

- Threads Itself Automatically in 6 Seconds
- f 1.5 Zoom Lens Zooms Picture to Fill Screen
- Tru-Flector Lamp for 500-Watt Brilliance
- Projects Forward Run-Reverse — or Still

Professional quality — all the high priced extras—priced below many less versatile projectors. 6 second automatic film threading; you start the film leader, the projector does the rest. f 1.5 Zoom lens for sharp, brilliant images. Zooms picture to match screen size from 11 to 20 feet away. The new Tru-Flector lamp is brighter, cooler and more economical than a standard 500W. lamp. One-knob, click-stop dial controls everything; off, forward, reverse, still and fast rewind. Includes speed control to slow down and speed up action in both forward and reverse. Die-cast aluminum body and case. Fully geared reel arms. 400 ft. reel. F-865WX Shpg. wt., 19 lbs. Net 87.50

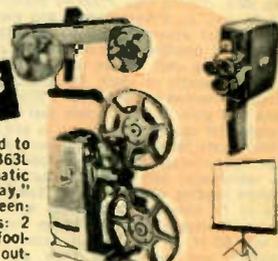


BUDGET PRICED AUTOMATIC MOVIE OUTFIT



89⁹⁵

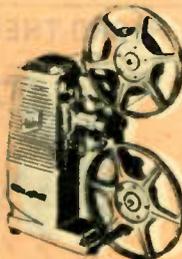
Everything you need for movie-making and showing fun. No need to "shop" for unmatched equipment, no need to pay more. You get all this: Lafayette's F-863L f 1.8 Triple-Turret movie camera with automatic meter; F-784 holster-type camera case; "Holiday" F-526, 500-watt projector; F-536 30"x40" screen; F-537 Bar Light; 2 F-539 photo flood lamps; 2 F-538 400' reels and cans. Unbeatable for fool-proof shooting and showing of indoor and outdoor movies. Shpg. wt., 30 lbs.



F-867WXM Net 89.95 NO MONEY DOWN

"HOLIDAY" 500-WATT 8mm PROJECTOR

- Swing-Out Gate—Easy Loading
- Coated ¾" f1.6 Lens!
- High Intensity Blower Cooler!
- 400-ft. Reel Capacity



Show your movies sharp and clear! Swing-out gate for fast, easy loading. Scientific Maxex film extends life of your film with less wear and tear. High intensity blower for cooling. Coated ¾" f1.6 lens for wide-angle viewing. Separate switches for blower and lamp. Rapid rewind and quick-tillt features for ease of operation. Lifetime lubrication with oil light bearings. All-aluminum, die-cast construction. 500-watt bulb. Lifetime guarantee. Shpg. wt. 10 lbs. F-526 WX Net 37.95
F-649 Carrying Case for F-526. Shpg. wt. 2 lbs. Net 6.44
F-746 Replacement Lamp (DAK) Net 1.89

NEW 8 mm MOVIE EDITOR



This new 8 mm movie editor, compact designed—sturdily constructed, has an extremely bright hooded screen (2¼x1¾") for edge-to-edge sharpness and brilliance. 3:1 geared ratio rewinder for high speed rewinding. Built-in hand frame adjusts the frame properly on the screen; built-in individual frame marker makes editing easier. Folding winder and rewinder arms with 400-ft. capacities. Includes new dry splicer. Shpg. wt., 10 lbs. F-652 Net 22.50

LAFAYETTE Cameras for Color and Black & White

35mm "RANGEFINDER III"



EASY PAY PLAN
SEE PAGE 381

NO MONEY
DOWN

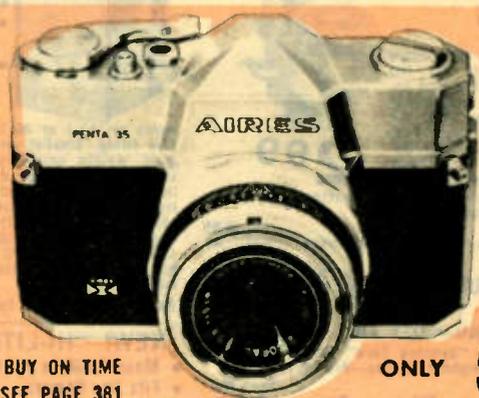
ONLY **28⁸⁸**

- 4 ELEMENT F2.8 COATED LENS! • COUPLED RANGEFINDER
- LUMINOUS BRIGHT FRAME VIEW-RANGE FINDER! • SINGLE STROKE RAPID FILM TRANSPORT! • NINE SHUTTER SPEEDS TO 1/300! • MX SYNCHRONIZATION
- F2.8 45mm COATED LENS! • HI-SPEED REWIND! • STANDARD PC FLASH TERMINAL! • DOUBLE EXPOSURE PREVENTION • BUILT-IN SELF TIMER!

Check the features — then compare Lafayette's price with any other brand. Fast F2.8 coated anastigmat lens and extra-wide lens aperture for brilliant, sharper full color or black and white even in poor light. Sight and focus through combined range-view finder. Fully synchronized at all speeds for class M and electronic flash. Speeds from 1 sec. to 1/300th. Rapid advance sets shutter, counts exposure and transports film. Built-in delayed action timer — automatic exposure counter and film stop. Hi-speed rewind with folding lever. Standard accessory shoe. All metal body with brushed chrome trim—black leatherette covering. 20 or 36 exposures on black and white or color 35mm film. PC flash terminal. Expertly made in Japan. Shpg. wt., 3 lbs. Use series 6 accessories.

- F-778L Less Case Net 28.88
- F-779L Leather Eveready Case. Shpg. wt., 1/2 lb. Net 3.95
- Special Combination Offer: Includes camera above—Eveready case—folding BC flash gun—and clip-on exposure meter. Shpg. wt., 4 lbs. Net 38.95
- F-780LM Net 38.95

NEW AIRES PENTA 35 REFLEX



BUY ON TIME
SEE PAGE 381

NO MONEY
DOWN

ONLY **54⁹⁵**

- 50mm 4-ELEMENT f 2.8 LENS
- EXCEPTIONALLY BRIGHT PENTA PRISM VIEWING WITH "BULLSEYE" SPLIT-IMAGE RANGE FINDER
- FULLY AUTOMATIC DIAPHRAGM
- 11 SHUTTER SPEEDS TO 1/500
- LVS SYSTEM—CROSS-COUPLED APERTURE AND SPEED SETTINGS
- FLASH SYNCHRONIZED AT ALL SPEEDS

A fine camera with professional capabilities and the ease of use the amateur requires. The large penta prism finder shows an unreversed, accurate color fidelity view of what will be recorded on the film. Unusually bright, clear to the corners. Parallax-free, "bullseye" image for simple focusing and centering. The automatic diaphragm allows full-aperture viewing and focusing; stops down to pre-set opening automatically, and returns to full open when film is advanced. Single-stroke lever advances film, cocks shutter and sets exposure counter. 10 speeds to 1/500th plus B. LVS system of cross-coupled aperture and shutter speed settings with one knurled ring. Fully flash synchronized, M and X. Built-in self-timer. Click-set shutter and aperture scales. All settings visible from top of camera. Accepts standard 20 or 36 exposure color or B & W film. Less case. Shpg. wt., 3 1/2 lbs.

- F-860L Net 54.95
- F-861L Leather Eveready Case Net 4.95

MATCHED FILTER AND HOOD SET



- 3 Most Needed Filters
- Matched Lens Shade & Retaining Ring

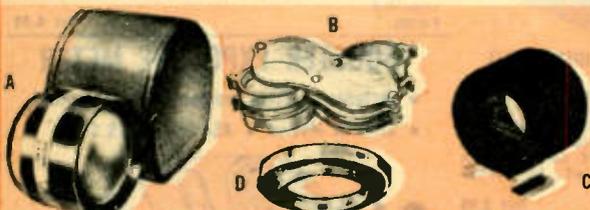
ONLY **14⁹⁵**

Matched set includes Type "A" conversion, Type "F" conversion, Type "80B" photoflood, adapter ring and lens hood. Complete with leather case with room for additional filters.

- F-781L Shpg. wt., 8 ozs. Net 14.95

AUXILIARY LENSES

- TELEPHOTO — TWICE AS CLOSE!
- WIDE ANGLE — 75% MORE CLOSE UP — DOWN TO 6 1/2"!



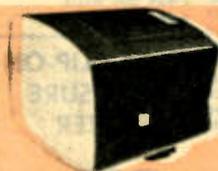
Telephoto shots—wide angle shots or extreme close ups. Easy as 1-2-3 with the new auxiliary lenses. Each lens is hard coated for maximum light transmission. Pre-focused and color corrected. No increase in exposure setting is necessary. Bring your subject twice as close with Telephoto—add 75% more area with the Wide-Angle. Close up lens kit consists of +1, +2, and +3 Proxar lenses—allows focussing down to 6 1/2" for amazing close-up results. Use with any color or black and white film. Auxiliaries and close-ups mount by means of adapter ring listed below. Shpg. wt. of each auxiliary lens approx. 6 ozs. Auxiliary lenses and view finder are imported.

- F-488L-AUX. TELEPHOTO LENS (A) Net 7.70
- F-489L-AUX. WIDE ANGLE LENS (A) Net 7.70
- F-294L-CLOSE UP SET (B) Net 8.50
- F-647L-VIEW FINDER FOR TELEPHOTO AND W-A LENS (C) Net 3.39
- F-490L-Adapter ring (for F-778L) close up set, filters and auxiliary lenses (D) Shpg. wt., 4 ozs. Net 2.33

PACKAGE DEAL: One each of the auxiliary lenses, close up set, adapter, and view finder. Shpg. wt., 1 1/2 lbs. F-491LM Net 27.66

NEW! TRANSISTORIZED ELECTRONIC STROBE FLASH

OPERATES FROM BATTERIES AND AC



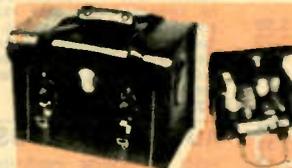
- LIGHTWEIGHT & COMPACT—NO POWER PACK NEEDED • FULLY TRANSISTORIZED • OPERATES ON 4 ECONOMICAL "Z" CELL BATTERIES
- FITS ANY CAMERA SHOE

ONLY **21⁵⁰** NO MONEY DOWN

Now you can have a high-powered, transistorized electronic flash that operates from standard AC house current or 4 economical "Z" cell batteries. Compact and featherweight—no power pack is required. Flash duration of 1/2000 sec. for fast pictures. Recycling time: 6-10 seconds; color temperature: 6000° Kelvin. Guide number dial for F stop on back. Complete with PC cord. Less batteries. Imported.

- F-827 Shpg. wt., 2 lbs. Net 21.50
- Batteries for above (4 required). Net each .095
- BA-155

NEW! DROPFRONT "PRO" BAG



- BIG 13"x7"x9 1/2"
- LUGGAGE-STYLE PROFESSIONAL BAG
- ACCEPTS ALL CAMERAS—FROM MOVIE TO PRESS-TYPE
- EXCEPTIONALLY RUGGED AND DURABLE

ONLY **9⁹⁵**

A heavy-duty professional bag with plenty of room for all your equipment. Zippered, for easy access. Luggage styled for easy, hand or over-the-shoulder carrying: Removable, adjustable straps snap on or off in an instant. Durable, chrome plated front snap-lock, feet and hardware. Handsome, heavy, rich looking, black simulated cowhide with leather and corduroy lining. Gussets prevent contents from falling out when front is open. Front tripod carrying straps. Measures 13" long x 7" wide x 9 1/2" high. Shpg. wt., 3 lbs.

- F-862 Net 9.95

CHROME "SNAKE" NECK CHAIN



Heavily chromed, super-flexible "Snake" chain, 39" long—positive, screw type catches. Holds any camera securely and ready for instant use. Shpg. wt., 4 ozs.

- F-653 Imported Net 1.29

PHOTO ACCESSORIES

LAFAYETTE AG FLASH GUN

Compact, palm size, dependable B-C operation. Made for the new AG flashbulbs. Fan-type reflector measures 2" in diameter when opened. Shoe fits all standard accessory clips. Features a Computer Dial for determining correct F stop. Test-light, and Bulb Ejector. Complete with cord. Operates on 15V battery (not incl.). Shpg. wt., 8 ozs. Imported.



2⁹⁹

F-899 Net 2.99
BA-11 15-Volt Battery for above. Imported Net .49

NEW! AG "SIXSHOOTER" BC FLASH

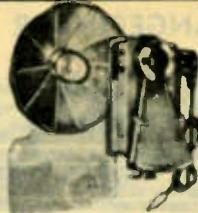


- Six-Shot Repeater
- Holds 6 AG Bulbs for Instant Use
- Efficient Reflector with Fresnel Lens

Holds six AG-1 or AG-1B flash bulbs for rapid, successive firing. Smaller and lighter than many single-lamp guns; weighs only 6½ oz. Maximum light output assured by a precisely designed 2" reflector and fresnel lens combination. Indicator shows number of bulbs left. Built-in exposure calculator, test light, flash shield. Bulbs and battery load easily from front. Fits any camera with standard accessory shoe. Replaceable standard cord with PC fitting. Uses long lasting 22.5v BC battery. Less battery. Imported. Shpg. wt., 8 oz. F-848 Net 5.95

BA-14 22.5v Battery for F-848 Net .59

FOLDING BC FLASH GUN



- Includes Battery and Leather Case
- Folds Like A Fan to 4"x2"!
- Efficient B-C Operation!

3⁹⁹

Efficient 4½" diameter metal reflector has pebbled finish to eliminate hot spots. B-C combination for sure-fire and hi voltage. Heavy molded battery case with built-in test lamp—bulb ejector—extension socket. Standard shoe with pressure adjust fits accessory clips. Uses standard bayonet base flash bulbs. Novel, useful exposure guide built in on rear of case. Complete with leather case, battery, condenser, PC cord and ASA adapter. Shpg. wt., 1 lb. Imported. F-209 Net 3.99

BA-12 Spare Battery for above Net .59

PHOTOFLOOD BULBS



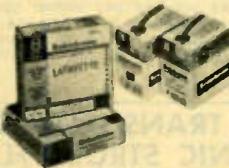
BUY IN QUANTITY AND SAVE

- "My-T-Myte" and "Synchro Sure" Photoflood Bulbs
- Standard Sizes—Highest Quality—Pre-Tested

| Stock No. | Lamp Type | Pkg. Quan. | Per Pkg. | Each Pkg. In Lots of 6 |
|-----------|-----------|------------|----------|------------------------|
| F-798 | AG-1 | 12 | 1.08 | .98 |
| F-870 | AG-1B | 12 | 1.17 | 1.05 |
| F-471 | M2 | 12 | 1.17 | 1.05 |
| F-472 | M2B | 12 | 1.35 | 1.20 |
| F-474 | SM | 12 | 1.62 | 1.48 |
| F-475 | 5 | 8 | .90 | .85 |
| F-476 | 5B | 8 | 1.08 | .96 |
| F-477 | 6 | 12 | 1.62 | 1.48 |

KODAK FILM WITH PROCESSING INCLUDED

- Slides Returned Mounted, Ready for Viewing or Showing!
- Rigid Processing Controls Assure highest Quality
- Convenient, direct-mail "mailers" in every roll
- A full number of Prints guaranteed for Kodacolor and black and white.



You get factory-fresh film plus a convenient direct-mail mailer. After the complete roll has been filmed, put it into the mailer, drop into a mailbox and in a few days your finished films are delivered postpaid to your door. You get 3½" square or 3½"x5" giant prints with Kodacolor and Black & White—and a full number of prints is guaranteed. Should you get less than the full number of prints of Kodacolor or Black & White printable negatives per roll, you will receive coupons for additional FREE prints. DO NOT MAIL FILM TO LAFAYETTE RADIO.

NEW! KODACHROME II COLOR MOVIE FILM

| | ASA Index Daylight 25, Indoor 40 | |
|--------|----------------------------------|------|
| F-794L | 8mm, 25 ft. roll Daylight | 3.50 |
| F-795L | 8mm, 25 ft. roll, Indoor | 3.50 |

NEW! KODACHROME II 35mm COLOR SLIDE FILM

| | ASA Index Daylight 25, Indoor 40. | |
|--------|-----------------------------------|------|
| F-796L | 35mm, Daylight, 20 Exp. | 2.95 |
| F-797L | 35mm, Daylight, 36 Exp. | 4.25 |

KODACOLOR COLOR SNAPSHOTS

| | | |
|--------|--------------------|------|
| F-584L | 127 Indoor/Outdoor | 3.50 |
| F-585L | 120 Indoor/Outdoor | 3.50 |
| F-586L | 620 Indoor/Outdoor | 3.50 |

KODAK BLACK & WHITE ROLL FILM

| | | |
|--------|-----------------------|------|
| F-587L | 127 Verichrome Pan | 1.25 |
| F-588L | 120 Verichrome Pan | 1.25 |
| F-589L | 620 Verichrome Pan | 1.25 |
| F-590L | 35mm, 20 Exp., Plus X | 2.35 |
| F-591L | 35mm, 36 Exp., Plus X | 3.45 |

POLAROID® PICTURE ROLLS 10 SECOND DEVELOPING TIME

32 and 42 are panchromatic types with an exposure index of 400 and 200 respectively. 37 and 47 have index ratings of 3000 and are used with the wink-light for indoor shots at normal room lighting levels. Shpg. wt., per roll, 5 ozs.

| Stock No. | Type | Camera Model | Net Per Roll | Net ea. in Lots of 3 |
|-----------|------|------------------------------|--------------|----------------------|
| F-712L | 47 | All Except 80B, 80A, 80 | 1.89 | 1.80 |
| F-713L | 42 | All Except 80B, 80A, 80, 166 | 1.77 | 1.68 |
| F-714L | 37 | 80B, 80A, 80 | 1.48 | 1.40 |
| F-715L | 32 | 80B, 80A, 80 | 1.38 | 1.30 |

NEW! "HI-LITE"™ MOVIE LIGHT

- Mounts Like a Flash Gun
- Fits Any Camera
- New Dual Reflector Lamp Folding Flex-Angle Bracket

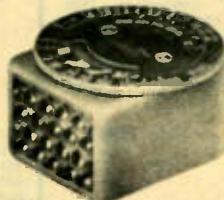


5⁹⁰

A completely new lamp design that creates a uniform, soft lighting effect that simulates sunshine. Evenly illuminates subject and background to give needed depth and roundness. The secret is in the dual reflector; one spherical and one elliptical surface, producing a broad beam of soft even light. The subject is bathed in a controlled, broad beam without uneven illumination or exaggerated effect. The quality of the light adds sparkle and aids texture. The beam angle is approximately 100°, average color temperature 3200°K. The flex-angle bracket adjusts to practically any desired angle. Convenient thumb switch is located for use while gripping the camera and light assembly. 500-watt, Dual Reflector lamp. For 110-120 V AC. Shpg. wt., 2 lbs. Imported. F-868M Net 5.90

NEW DUAL REFLECTOR PHOTOFLOOD LAMPS
F-854 500 watts Net 1.95
F-853 300 watts Net 1.65

"35" CLIP-ON EXPOSURE METER



395

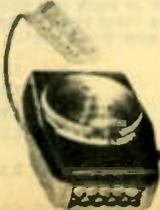
- FITS CAMERA ACCESSORY SHOE
- ASA SCALE 10 TO 1000
- MEASURES REFLECTED AND INCIDENT LIGHT

Exceptionally convenient exposure meter. Clips right on camera—quick easy reading. Gives better, more accurately exposed pictures with a minimum of effort. Speeds 1/1000 to 1 Sec. Lens aperture f:1.4 to f:22. Mounts on camera or may be hand held. Complete with leather case and instructions. Shpg. wt., ½ lb. Imported. F-351L Net 3.95

AUTO-DIAL EXPOSURE METER

799

Holds its reading indefinitely. Meter is aimed and dial stopper depressed. The dial then swings to correct reading and remains fixed when stopper is released. Ideal for widely variant light conditions. Color and black and white calibration with ASA speeds to 25,000. Reflected and incident light read on same scale. EVS 1 to 19. Lens: f/1.0 to f/32. Direct reading cine speeds 8-64 fps. Meter has zero adjust. Leather carrying case and neck strap. Imported. F-791L Shpg. wt., 1 lb. Net 7.99



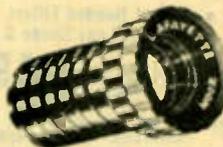
MOVIE & SLIDE PROJECTION LAMPS



Exact replacement projection lamps for most movie and slide projectors. Make your pictures sparkle with a new, efficient lamp. Imported. Avg. shpg. wt., 6 ozs.

| Stock No. | ASA Code | Watt | Base Type | Net Ea. |
|-----------|----------|------|-----------|---------|
| F-869 | DCA | 150 | 4-Pin | 2.70 |
| F-786 | DFA | 150 | Prefocus | 2.70 |
| F-741 | CLS | 300 | Bayonet | 1.49 |
| F-742 | CLX | 300 | Bayonet | 1.49 |
| F-743 | CMV | 300 | S.C. Bay | 1.49 |
| F-744 | CYC | 300 | S.C. Bay | 1.49 |
| F-750 | CWD | 300 | Prefocus | 1.69 |
| F-871 | CZA | 500 | 4-Pin | 2.49 |
| F-747 | EDK | 500 | Bayonet | 1.79 |
| F-745 | CZX | 500 | Prefocus | 1.79 |
| F-746 | DAK | 500 | Prefocus | 1.89 |
| F-748 | DDB | 750 | Prefocus | 2.15 |
| F-749 | DFD | 1000 | Prefocus | 2.90 |

LAFAYETTE ZOOM LENS

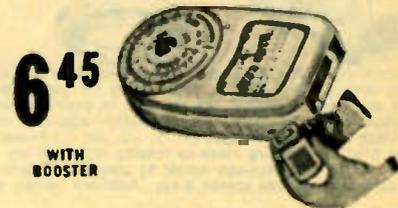


- Zoom to Dramatic Close-Ups!
- Fill the Screen From 12 to 15 feet—then ZOOM In!

The very latest in projection accessories for the movie fan. Coated, f:1.5, 15 to 25mm focusable zoom lens fits most popular priced projectors. Converts our own "Holiday" (F-526) into a modern, zoom projector. Adds realism and depth to old "reels". Fills a 30"x40" screen at 12' to 15'—then zooms in for exciting closeups. Show your movies at the size you want—without moving projector or screen. Shpg. wt., 6 ozs. Imported. F-690L Net 6.95

BOOSTER EXPOSURE METER

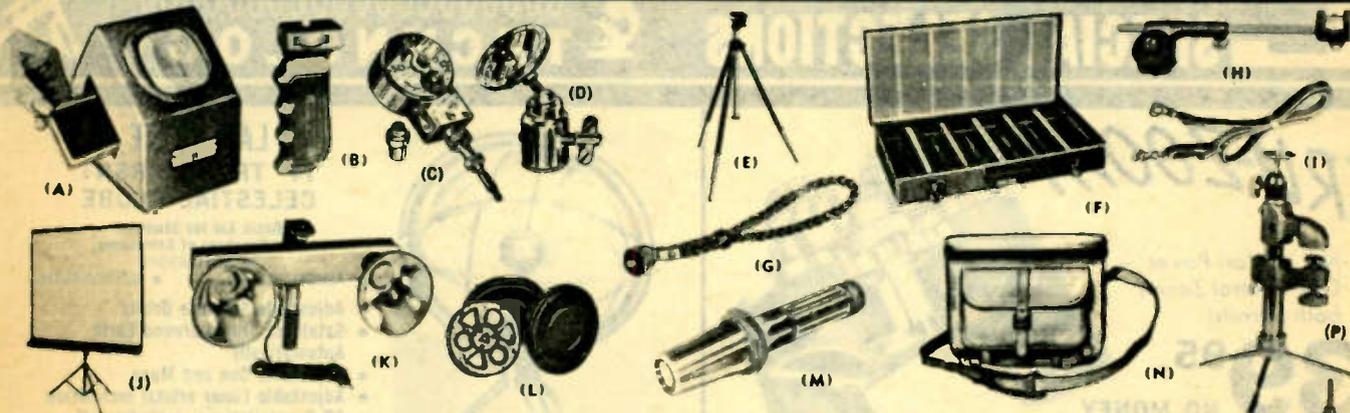
- Includes booster—Leather cases—neck cord
- Stills or Movies • ASA Scale—LVS Scale



6⁴⁵
WITH BOOSTER

Extremely versatile—extremely simple. Highly legible direct reading dial. Speeds from 4 sec. to 1/1000 sec. Lens aperture settings from f:1 to f:32. ASA scale 6 to 800. LVS scale 1 to 18. Cine scale 8, 16, 24 and 32 frames per second. Booster cell makes possible readings at extremely low light levels. Small-rugged-light-weight. Includes booster cell, leather cases, neck cord and instructions. Shpg. wt., 1 lb. Imported. F-349L Net 6.45

PHOTO FANS SHOP Lafayette FOR LOW COST ACCESSORIES



ELECTRIC SLIDE VIEWER (A)
Centers all slides for correct magnification. Transparencies illuminated and enlarged through a fine optically ground and polished lens. Electrically operated—equipped with bulb, socket, on-off switch, 6 ft. cord and plug. All steel construction.
F-26 Shpg. wt., 2 lbs. Net 3.75

PISTOL GRIP HANDLE (B)
Contoured construction, pre-set rubber platform—tripod socket in base. Hammer-tone finish. Standard fit.
F-549 Shpg. wt., 10 oz. Net 1.88

15 SECOND SELF-TIMER (C)
Fits in the cable release of all cameras. Special adapter for Leica-type release sockets. Plunger length adjustable to protect shutter. Retracts after picture has been taken. Set for 15 seconds or less. Imported.
F-25 Shpg. wt., 4 oz. Net 1.98

TILT-TOP (D)
Precision made—heavily chrome plated. All-angle "Tilt-Top" fits German and American Tripods and Cameras. Positive locking action at every possible angle. Imported.
F-160 Shpg. wt., 4 oz. Net 1.55

LOW COST ELEVATOR TRIPOD (E)
Five section. Extends to 45" — telescopes down to 12½". Elevator adds 9" to extended height. Fits all tripod sockets. Imported.
F-214 Shpg. wt., 2½ lbs. Net 3.29

35mm SLIDE FILE (F)
Portable all steel 35mm slide file. Store 150 2x2 glass slides or 300 2x2 cardboard slides. Includes index card, and numbered strips for quick, easy identification. Finished in platinum gray enamel. Shpg. wt., 3 lbs.
F-161 Net 1.69

BRAIDED WRIST STRAP (G)
Fine quality braided leather wrist strap. Sliding safety lock. Metal clamp links strap to tripod screw. Rubber non-slip surface prevents accidental unscrewing. For movie and 35mm cameras. Shpg. wt., 4 ozs. Imported.
F-639 Net .79

BOUNCE FLASH BRACKET (H)
Particularly suited to Single-lens Reflex cameras. Permits bounce flash with any clip on Flashgun. Mounts in standard tripod socket. Adjustable length, rotating-swiveling head. Shpg. wt., 6 ozs. Imported.
F-620 Net 1.05

LEATHER NECK STRAP (I)
Heavy leather camera carrying strap. Positive lock, swivel grips. Adjustable to 36 inches. Heavily chromed metal parts. Shpg. wt., 4 ozs. Imported.
F-640 Net .95

FOLDING TRIPOD PROJECTION SCREEN (J)
Fine grain glass beading for extra brilliance, excellent viewing. Heavy-duty folding tripod adjustable to various heights. Large 30" x 40" size. Shpg. wt., 10 lbs.
F-536 Net 6.95

2 LIGHT BAR (K)
Holds still or movie cameras. Grip-handle prevents light bar from turning. 6 ft. cord. (Bulbs not included).
F-537 Shpg. wt., 1½ lbs. Net 2.50

PHOTOFLOOD BULBS, 300-watt, reflector type.
F-539 Shpg. wt., 1 lb. Net ea. .95

8mm REEL AND CAN (L)
400' reel runs true without wobble or binding, for lasting service. Can keeps film safe from dust and scratches.
F-538 Shpg. wt., 14 oz. Net .95

FLASHLIGHT SCREEN POINTER (M)
An excellent lecture tool. Points out subject material without creating shadows. Adjustable arrow focus. Black hood prevents light spread. With cells. From W. Germany.
F-792 Shpg. wt., 12 oz. Net 5.25
BA-156 No. 2 cell for above (2 req.) Net .13

GENUINE PIGSKIN GADGET BAG (N)
Full 10x8x4". 20" zipper top. Outside pouch with strap and buckle. Brass hardware. Shoulder strap and pad. Imported.
F-320 Shpg. wt., 1 lb. Net 4.95

NEW! CLAMP TRIPOD (P)
● World's Most Versatile Tripod
An indispensable photographic accessory. Combines in one small unit, a clamp, tilt top, and table top tripod. Legs stored in shaft. Will clamp to trees, pipes, light stand, car, window, etc. Supplied complete with zipper case. Shpg. wt., 1 lb.
F-654 Net 5.98

PAN-HEAD TRIPOD

● LIGHTWEIGHT — STURDY — LOW COST

4 49



Five section, chrome plated, brass tripod. Extends to 46"; telescopes down to 13". Weighs only 20 ozs. Tension adjust screws for each leg. Camera retaining screw on panhead rotates—makes turning camera unnecessary. Pans and tilts with a single motion. Handle is detachable. Pans 360° — tilts 145°. A "must" to take the "jiggle" out of those special shots. Imported.
F-295 Shpg. wt., 2½ lbs. Net 4.49

"PRO" ELEVATOR TRIPOD

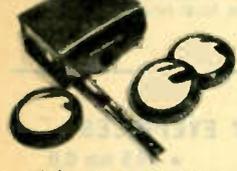
- Holds Heaviest Equipment
- Velvet Smooth Panning Action
- Extends to 46½" — Elevator Adds 10" — Closes to 22"

11 95

All aluminum construction. Gear drive elevator with positive lock. Large, cushioned pan head fits any camera. Head pans 360°—tilts 180°. Legs lock at any height. Lock and unlock with a half twist. Completely rigid, even when fully extended. Long section construction for maximum stability. Oversize thumb locks and handle for ease of use. Velvet smooth action in all planes of motion. Positive leg stops prevent overspread. Rubber tipped feet for solid footing on any surface. Satin black and aluminum finish — chrome trimmed.
Shpg. wt., 4 lbs.
F-850 Net 11.95



POLAROID® CLOSE UP KIT



Focus as close as 6 inches from your subject. Take portraits — small still lifes — do photocopyping. Includes 3 snap-on close up lenses, leather case and built-in tape for accurate focusing. Shpg. wt., 8 ozs.
F-721L for all except 110B, 110A, 110, J66 Net 7.25

REPLACEMENT KIT FOR POLAROID® WINK-LITE

1 67

Kit contains both battery and bulb for replacement in Polaroid WINK-LITE. Manufacturer recommends both battery & bulb be replaced together to insure well lighted shots. Shpg. wt., 1 lb.
BA-320 Net 1.67

ELEVATOR TRIPOD

- Folds to 16"
- Extends to 47" PLUS 7" Elevator!
- Tri-Tilt head—

For any small camera — 35 mm — reflex — or movie. Professional quality for professional results. Strong — steady — lightweight. Pencil slim, chrome plated, brass legs. Lock securely in place — fold down readily. Single action tilt-pan — and swing over for taking pictures in vertical or horizontal format. Geared elevator centerpost with positive lock and folding crank. Weighs only 31 ozs. All the most wanted features in one tripod. Shpg. wt., 2½ lbs. Imported.
F-339 Net 8.59



NEW! CLAMP-POD

- Portable Camera Support
- Clamp And Tilt-Top Combined

A valuable addition to any camera bag. Prevents needless camera jitter—clamps to most anything. Lightweight and compact, yet extremely strong, it will support most cameras easily. Double-ball-point head with lock permits an infinite variety of camera mounting angles. Clamp also accepts standard tripod mounting. Clamp opens to 1¾". Will not mar wood or other fine finishes. Chrome and enamel finish. Shpg. wt., 1 lb.
F-834 Net 3.49



MANSFIELD 300-WATT 35MM PROJECTOR

Self-Contained Case

- Brilliant 300-Watt Turbo Blower Cooled
- 4-Inch, f3.5 Coated, Corrected Lens
- Designed for Easy Operation

NO DOWN PAYMENT

● For All 35 mm, 2 x 2 and Super Slides

Compact, convenient, semi-automatic, plus big-picture, 300-watt brilliance. Takes all 2x2 inch slides—35mm 828 (bantam) and 127 (super-slides). Semi-automatic "Presto-Matic" changer, one push-pull movement picks, shows and replaces 36 slides in sequence. Self-contained storage for over 100 slides. Die-cast aluminum. Self-contained case. All optics hard coated. Designed for optimum projection brilliance. For 110-120V. AC/DC. Shpg. wt., 12 lbs.
F-667 Net 28.95



LAFAYETTE SPECIAL SELECTIONS

SCIENCE TECHNOLOGY

TRU-ZOOM™

- Not a "Vari-Power"—One Control Zooms both barrels!

39⁹⁵ NO MONEY

*Add 10% Fed. Tax **DOWN**

BUY ON TIME
SEE PAGE 381

- 7X to 12X— or any Power in Between
- Center Focus—Right Eye Adjust—Plus Single Synchronous Zoom Control! • The Perfect Power For Any View!



Sensational Zoom action holds even fast-moving subjects in perfect view. Slight in any subject at 7 power—then Zoom up to 12 power (or any four inbetween) for closeup viewing. Full 40mm. objective lenses, hard coated achromats. Field of view is 290 feet at 1000 yds. at 12 power (5.5°). Prisms clamped in shock-resistant mounts. Lightweight alloy frame and body. Sealed against dust and moisture. Includes plush-lined, hard leather case and straps. Shpg. wt., 5 lbs. Imported F-793

Net 39.95*

LAFAYETTE BINOCULARS

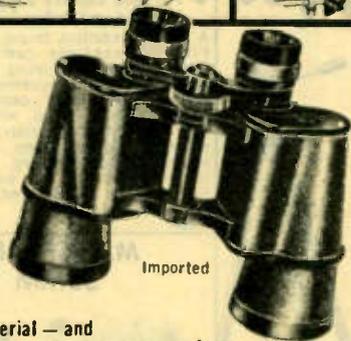
LOWEST PRICES • HIGHEST QUALITY



1795

7X 35
CENTER
FOCUS

EASY BUDGET PLAN
SEE PAGE 381



Imported

Precise design — quality material — and expert workmanship. All lenses are hard coated — prisms clamped in lightweight alloy frame and body — sealed against dust and moisture — properly collimated and aligned. All are center focus with adjustable right eyepiece. Hard leather case and neckstraps included.

7X35 Popular, versatile, all purpose binoculars. For the sportsmen—hunter—bird watcher—vacationer. High luminosity. Compact design. Shpg. wt., 3 lbs. F-183 Net 17.95

7X35 Wide Angle. Top performance—highest quality. Almost twice the field of view of ordinary 7x35 binoculars. Spots and holds a moving target faster and easier. Oversize oculars and prisms. Shpg. wt., 3½ lbs. F-184 Net 27.50

7X50 Navy style night glasses. Favored for marine use. The choice of professionals because of exceptionally high light gathering power. Superior image brightness. Shpg. wt., 3½ lbs. F-164 Net 21.95

20X50 King of the long range. Hunters, mountain climbers, plane spotters, forest rangers—any long distance viewing and observation requirement. Shpg. wt., 4½ lbs. F-185 Net 27.50

Add 10% Fed. Tax to the above prices.



LAFAYETTE 14" TRANSPARENT CELESTIAL GLOBE

Basic Aid for Students and Teachers of Astronomy

- NAVIGATORS
- AERONAUTICS
- ASTRONAUTICS
- Adjustable Satellite Orbits
- Satellites Travel around Earth Automatically
- Adjustable Sun and Moon
- Adjustable Lunar orbital inclination
- 80 Constellations—including all stars of 1st, 2nd, 3rd and 4th Magnitude
- Similar devices used by the Navy—Air Force—and Marines

The Lafayette celestial sphere may be defined as a sphere of infinite radius with its center located at the center of the earth. This system of geocentric coordinates will illustrate the true geographic zeniths of the sun and stars at any time of any day. All systems of astronomical spherical coordinates, such as the equatorial, galactic, ecliptic, etc., which are based on the celestial sphere, rotate with the sphere. The apparent contra-rotation of the stars, actually due to the earth rotating about an axis is clearly demonstrated. The sphere will illustrate how the sky will appear at any hour—on any date—from any point on earth. With it you can tell time by the stars—learn to tell time by the sky—clearly illustrate and help solve navigational problems. Traces the orbits of man made satellites and finds their overhead positions. Serves as a superb star chart. Sun and moon positioned by external controls. Artificial satellites automatically circle around the terrestrial globe. The various stars, constellations and their identifications are permanently molded—not printed—on the celestial sphere. The celestial globe is 14" in diameter with the terrestrial globe centered within. Equipped with horizon ring—time ring—fixed meridian ring—swinging meridian ring—sun and moon pointers—fixed ecliptic—detachable "planet" indications—universal base—and complete instructions. Shpg. wt., 15 lbs. Imported F-400WX

Net 49.50



VIEWFINDER 'SCOPES

These are the same fine viewfinders used on Lafayette's refractor telescopes. All have coated, achromatic objectives and eyepieces. Equipped with mounting brackets, and centering screws for collimation. Imported

(A) 30 mm (1.2"), 6X: Duraluminum tube finished in white enamel. Draw tube focusing. Eyepiece is interchangeable, 24mm (.97") O.D. Single mounting bracket, as shown with the Polaris, F-342. Shpg. wt., 2 lbs. F-629

Net 6.95

(B) 32 mm (1.6"), 25X: Air spaced objective. 500 mm focal lengths. Dual mounting brackets, as shown on the Arcturus, F-385. Suitable for use as a small celestial and/or terrestrial telescope. Duraluminum tube, finished in white enamel. Standard rack and pinion focusing. Chrome plated brass draw tube. 20 mm eyepiece supplied can be interchanged with eyepieces of other focal lengths. Shpg. wt., 8 lbs. F-628

Net 17.95



ACCESSORY EYEPIECES

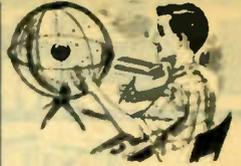
- Highly Corrected
- Hard Coated
- 24.5 mm O.D.
- Finest Quality

Manufactured to extremely close tolerances by one of world's leading manufacturer's of optical accessories. These oculars allow you to obtain maximum performance from your refractor or reflector. You can determine the magnification possible by dividing the focal length of the eyepiece into the focal length of the telescope objective lens. All are hard coated. The 24.5 mm O.D., (.97") fits most telescopes currently available. Imported

| Stock # | Description | Net, ea. | Stock # | Description | Net, ea. |
|---------|-----------------------------|----------|---------|--|----------|
| F-391L | 4mm Orthoscopic | 8.95 | F-396L | 26-32mm Combination Kellner-Achromatic | |
| F-392L | 6mm Huygenian-Mittenzwey | 5.45 | F-397L | 22mm Kellner Huygenian | 9.45 |
| F-393L | 9mm Huygenian-Mittenzwey | 5.45 | F-398L | Sunglass—for above oculars | 7.95 |
| F-394L | 12.5mm Huygenian-Mittenzwey | 5.45 | F-399L | Moonglass—for above oculars | 1.25 |
| F-395L | 20mm Huygens | 5.75 | | | 1.25 |



LAFAYETTE TELESCOPES for SCIENCE and TECHNOLOGY



269.50
NO MONEY DOWN

189.00
NO MONEY DOWN

79.50
NO MONEY DOWN

Arcturus
• 454x with Barlow Lens
3" EQUATORIAL REFRACTOR

- Ultra Precise Helicoid Focusing • 7 Coated Eyepieces Plus Barlow Lens • 76.2 mm Clear Aperture
- Most Advanced Equatorial Mount • 25x, 42 mm Finder Scope

79-mm hard coated, air-spaced Fraunhofer achromat of 910-mm focal length with 3" clear aperture, focal ratio of f/12 and resolving power of 1.6". Seven coated eyepieces provide magnifications of 227x, 152x, 101x, 73x, 35x, 18x and 25x through viewfinder. Helicoid focusing by means of a massive wheel and helical gear. Finder Scope, with rack and pinion focusing, features a 1.6 inch clear aperture objective of 500-mm focal length. Micro-motion controls with extended flexible shafts and compression locks in all axes. Accessories: include three sunglasses, moon-glass, sun diagonal, two star diagonals, sun projection screen, erecting prism, heavy extensible field tripod, brace, accessory shelf, separate wooden cases for telescope and mount. Shpg. wt., 100 lbs. VIA EXPRESS ONLY.

F-385WX Net 269.50

Galactic
• 454x with Barlow Lens
**RESEARCH QUALITY
3" EQUATORIAL REFRACTOR**

- Viewfinder Scope 25x, 42-mm • 910 mm Focal Length • 76.2 mm Clear Aperture • Micromotion Controls for Declination and Right Ascension • Resolving Power 1.6 • Barlow Lens Included

The objective lens is a 79-mm, hard coated, air spaced Fraunhofer achromat with a clear aperture of 76.2 mm (3"). Focal length 910 mm, focal ratio f/12, resolving power 1.6". Seven coated eyepieces provide magnifications of 227x, 152x, 101x, 73x, 45x, 35x plus 25x through the viewfinder. Barlow lens add ranges of 454x, 304x, 202x, 146x, 90x, 70x and 50x. Focusing by means of micro-precision rack and pinion drive. The viewfinder scope has a 42-mm (1.6 inch clear aperture) objective—500mm focal length—rack and pinion focusing—and will accommodate various eyepieces. Finely calibrated hour and declination circles for rapid finding and setting. Body tube of white enameled aluminum. Accessories include three sunglasses, moon-glass, two star diagonals, sun diagonal, erecting prism, sun projecting screen, extensible field tripod, chain brace, accessory shelf, wooden cabinet. VIA EXPRESS ONLY.

F-384WX Shpg. wt., 60 lbs. Net 189.00

Polaris
• 320x with Barlow Lens
2.4" EQUATORIAL REFRACTOR

- Eyepieces for 160x, 88x, 40x, Barlow Lens gives 320x, 176x, 80x • 800 mm. focal length • 62-mm objective • Micromotion adjustments on both axes
- Coated optics throughout • Equatorial mount

Objective: Fraunhofer-type achromat, hard coated, 62.5-mm., 800-mm. focal length. Collects about 75 times as much light as the naked eye, resolving power 2 seconds, faintest discernible star 10.7 magnitude. Eyepieces are hard-coated Huygenians. 160x (5-mm), 88x (9-mm), 40x (20-mm). Barlow Lens included give ranges of 320x, 176x and 80x. Finder scope is 6x, 30-mm. Tripod head with latitude adjustment. Clamp lever for declination and inclination. Accessories include sunglass, star diagonal, erecting prism, sun projection screen, field tripod, wooden case, rack-and-pinion focusing. Heavy plating to prevent rusting.

F-342WX Shpg. wt., 30 lbs. Net 79.50
F-391 4-mm. orthoscopic eyepiece for 200x (400x with Barlow Lens) Net 8.95

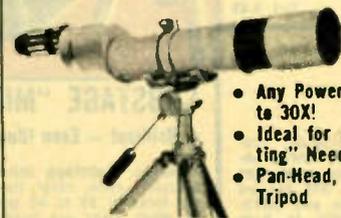
ACHROMATIC BARLOW LENS
495

- Makes Any Good Telescope Better!
- Doubles Your Telescope's Power!
- Provides Greater Eye Relief!
- Improves Definition!
- Greater Illumination—Wider Field!

The Barlow Lens is a negative (diverging) lens which can increase the range of magnification of any given set of eyepieces. Greater eye relief is provided—even on short focal length eyepieces. Sharpens definition and reduces image deterioration by permitting use of low-power eyepieces to achieve high magnification. This also provides for greater illumination and a wider field. By increasing the effective focal length of the objective—and reducing its relative aperture—it greatly reduces aberrations present in poorly corrected eyepieces. Lafayette's Barlow lens will make any good telescope perform like a much larger one. Fits all Lafayette telescopes except F-330 Explorer. Accepts eyepieces of 24.5 mm (.97") O.D. and fits draw tubes of that size. Shpg. wt., 1 lb. imported.

F-423 Net 4.95

ZOOM SPOTTING SCOPE



- Any Power from 15X to 30X!
- Ideal for any "Spotting" Need!
- Pan-Head, elevator Tripod

True Zoom action—finger tip control—from 15 power to 30 power. Choose the right power for any "spotting" or viewing need. Brilliant image at any power. 50mm objective, hard coated for maximum light gathering power. Prismatic system greatly reduces length—only 15" overall. Precisely machined, all metal body. Lightweight scope alone weighs only 2 lbs. May be hand held or used with tripod supplied. Precision finger-tip focusing with oversized, milled ring. Aluminum and chrome-brass tripod adjustable from 12" to 18". Locking pan-head swivels and tilts to any angle. Optical train is fully hard coated. Shpg. wt., 5 lbs. F-685 Imported Net 39.95

STAR SPECTROSCOPE WITH 3 EYEPIECES



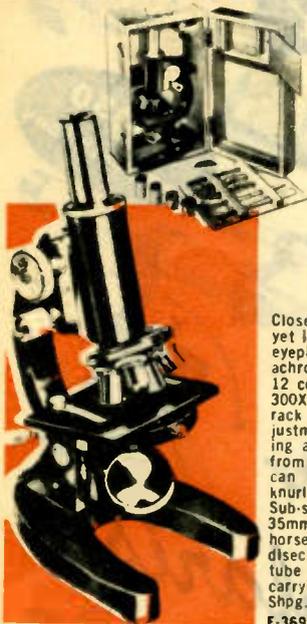
- Observe the spectra of stars of magnitudes — 1 to 3
- Identify Fraunhofer lines from C to G
- Drawtube focus arrangement
- Fits threads of 25.4 mm O.D. and 24.5 mm O.D. eyepieces

The Star Spectroscope (Amici-prism type) is excellent for visual observations of the spectra of bright stars, comets, and novae. The spectroscope consists of a 5-piece prism assembly, threaded ocular tube adaptor and 3 cylindrical-lens eyepieces. These widen the star spectrum for easier recognition of details. Use this direct vision spectroscope on medium-size telescopes to observe stars as faint as magnitude 3. The dispersion angle between the Fraunhofer C line (wave length 6600 angstroms) and the G line (4300 angstroms) is 9°. The resolution is enough to separate the yellow D lines of sodium. Body is made of black-coated brass. Fits Lafayette telescopes F-342, F-384 and F-385. All in plush-lined case. Shpg. wt., 8 oz. F-569 Imported Net 29.95

LAFAYETTE MICROSCOPES



For Student RESEARCH



1200X "RESEARCHER"

- 25X to 1200X in 12 Ranges
- Full Range Fine Focus Adjustment
- Integral Mechanical Stage
- Rotating Diaphragm

44⁵⁰

Closely parallels the "Society" grade microscope, yet is available at a very low price. Four Huygenian eyepieces: 5X, 10X, 15X, P20X combine with four achromatic objectives: 5X, 10X, 40X, 60X to yield 12 combinations: 25X, 50X, 75X, 100X, 150X, 200X, 300X, 400X, 600X, 800X, 900X, 1200X. Dual knob rack and pinion coarse focusing with tension adjustment for slow motion. Micro-motion fine focusing adjustment. Spring loaded to prevent objective from driving through slide. 85mm x 85mm stage can be moved in any direction, with slide, by 2 knurled screws while looking through the eyepiece. Sub-stage has rotating, 5-position diaphragm and 35mm plano/concave reflecting mirror. Stable horseshoe base. Complete with set of 5 basic dissecting instruments, 10 slides, pack of cover slips, tube of mounting fluid. All in a dovetailed wooden carrying case with handle and four rubber feet. Shpg. wt., 10 lbs. Imported from Japan

F-369

Net 44.50

MICROTOME *TEKNIKIT*™

- Sections to 10 Microns (0.00039 inch)
- Micro-Pitch Screw Drive

10.95

Essential tool for free hand sectioning of biological specimens. Equally suitable for the serious hobbyist and student as well as lab applications where the accuracy of a hand operated feed is sufficient. The micro-line pitch screw feed is graduated in 10 micron intervals. The dense, composition stage is absolutely flat, 75 mm in diameter. "Straight razor" type micrometer knife of surgical quality steel. Ground and tempered to take and hold a keen cutting edge. Supplied with micrometer knife, pitch and compartmented wooden storage cabinet. Shpg. wt., 2 lbs. Imported from Japan

F-603

Net 10.95



900X "MICROBE HUNTER"

- The only Microscope in its class featuring GRADE A optics!
- Power Range 25X, 50X, 75X, 100X, 150X, 200X, 300X, 400X, 600X, 900X
- Full Range Fine Adjustment
- Safety Stop on Coarse Adjustment

34⁵⁰

Made to rigid design specifications—has wide usage in schools, laboratories and law enforcement agencies. All of the most needed features for diversified micro-studies. Power range from 25X to 900X in 12 possible combinations. Gearing rack and pinion coarse focusing. Micromotion fine focusing—12 complete revolutions. 36mm (plano/concave) mirror. Fixed square stage, 70mm x 80mm. Rotating 5-hole, disc diaphragm. Three Huygenian eyepieces of 5X, 10X and 15X. Four achromatic objectives of 5X, 10X, 40X and 60X. Oversize base insures stability. Body perfectly balanced at any angle. Complete with upright, wooden carrying case. Shpg. wt., 8 lbs. Imported from Japan

F-338

Net 34.50



MICROSCOPE MECHANICAL STAGE

- WITH GRADUATED SCALES
- VERNIER TO 1/10th mm

Attaches to any square microscope stage 70 mm x 80 mm or larger. Accommodates slides up to 75 mm x 50 mm. Both lateral and front-to-back movement by rack and pinion. Adjustment scales are graduated in single millimeters with verniers reading to 1/10th mm. Essential accessory for all high magnification examination. Permits relocating any portion of a slide or charting the entire slide. Spring clip automatically accommodates slides of varying dimensions. Shpg. wt., 12 ozs. from Japan

F-613

Net 6.95



6.95

NEW! MICRO-SLIDE PREPARATION *TEKNIKIT*™

- Complete — Compact — Portable
- Suitable for Advanced Studies

Preselected slide preparations, instruments and apparatus. All the necessary implements for dissecting, staining and mounting micro-subjects on slides. High quality dissecting instruments, plated and polished. 25 professional size glass slides (1" x 3") including well slides for five specimen observation. 50 cover glass slips. 50 blank identification labels. Mounting pins, balsam mounting fluid, methylene blue staining fluid. Dissecting instruments include tweezers, chuck type probe, blunt end scissors, pipette, scalpel, spatula and magnifying glass. All in a fitted compartmented wooden case. Shpg. wt., 1 1/2 lbs. Imported from Japan

F-659

Net 3.49



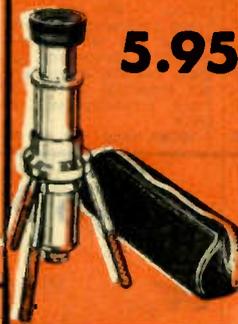
PORTABLE FIELD MICROSCOPE

- 20x — 40x — 80x
- POCKET SIZE — FOR FIELD OR LAB
- ACHROMATIC — COATED LENSES

One of finest precision optical imports Lafayette has ever offered. Unparalleled for "rockhounds" prospectors, industrial, coin and stamp collectors, students and hobbyists indispensable for examination of gross and opaque subjects. Highly polished — finely machined chromium plated brass tubes, mount and tripod legs. Sliding draw tube permits focusing on objects from flat surface to 1 3/4" high. Ideal for inspecting large specimens—small parts—surfaces of large places. Size collapsed is only 4 3/8"—fully extended 6 1/2" less tripod. Includes soft leather case and tripod legs. Perfect portability. Shpg. wt., 1 lb. Imported from Japan

F-37

Net 5.95



5.95

LAFAYETTE MICROLITE

- USE WITH ANY MICROSCOPE
- FURNISHES BRIGHT, EVEN LIGHT

2.95

Specially designed for microscope illumination. Provides a bright, evenly lighted field of view. Controlled intensity, by means of focusable condenser lens. Lamp may be raised or lowered to any desired height on its 4 1/2" swanclon. Inclination and elevation joint permit swinging through 360° in both horizontal and vertical plane. Fully adjustable for transparent or opaque specimens, direct or indirect illumination. Invaluable where oblique light is necessary. Operates on 110-120 volts AC/DC. Lamp is easily replaced. Self contained switch, cord and plug. Lamp body is 5 1/2" long, stand is 5 1/2" high including base. Shpg. wt., 1 lb. Imported from Japan

F-268

Net 2.95

F-764 Replacement Bulb for F-268

Net .39



SUBSTAGE "MICRO-LUMINATOR"

- Brilliant — Even Illumination

Versatile, substage microscope illuminator provides brilliant, even, color corrected light. Mounts in mirror forks of 35 to 40 mm (1 3/8" to 1 1/2"). Mirror forks of other sizes are readily spread or compressed to fit. Well ventilated—reasonably cool operating—110 volt, 10 watt clear glass, high intensity bulb. Blue filter glass corrects light to proper color for micro-illumination. Suitable for use with Lafayette F-338 "Microbe Hunter", F-369 "Researcher", F-602 "Micro Standard" and similar microscopes. Complete with 5 1/2 ft. cord, plug, switch and spare bulb. For 110-120V. AC/DC. Shpg. wt., 8 ozs. Imported from Japan

F-612

Net 2.89

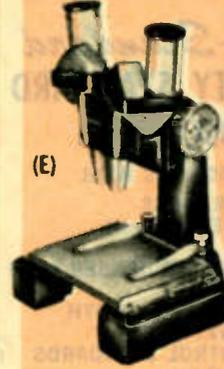
F-765 Replacement Bulb for F-612

Net .39



LAFAYETTE MICROSCOPES

For **BEGINNERS & INTERMEDIATE STUDENTS**



(A) 500X "MICRO-MECH" MICROSCOPE
 • BUILT-IN MECHANICAL STAGE!
 • 100X-200X-300X-500X
 • QUADRUPLE REVOLVING TURRET **595**

For the student — hobbyist — or budding scientist. Featuring a built-in, micro-drive mechanical stage. Permits the micro-movement necessary to properly examine micro objects. Promotes learning through ease of operation. Four achromatic objective lenses giving magnifications of 100X, 200X, 300X and 500X. Complete with wooden carrying case and slides. Imported. F-357 Shpg. wt., 4½ lbs. Net 5.95

"MICRO-MECH" LAB KIT: Consists of F-357 500X "Micro-Mech" microscope and F-454 Micro-Lab Kit, with accessories and cabinet plus latest edition of "Hunting with the Microscope." F-622 Shpg. wt., 12 lbs. Net 13.90

(B) 600X "BI-OCULAR" MICROSCOPE
 • NEW-TWIN LENS "BI-OCULAR" TURRET!
 • BUILT-IN SUB-STAGE MICRO-LITE!
 • 600X-400X-300X-200X-120X-80X! **849**

Bi-Ocular turret permits instant variation of magnification without disturbing subject set-up. Triple objective click-stop turret in concert with 10X and 15X "Bi-Oculars" give six ranges of magnifications. "Micro-Lite" with automatic on-off switch. Dual knob, rack and pinion focusing, 8½" high overall. All optics are achromatic. Ocular lenses are Huygenian type. Includes sub-stage mirror for viewing by reflected light. Dovetailed wooden carrying case and sample slides. Shpg. wt., 5 lbs. F-334 Less batteries Net 8.49

BA-155 Battery (2 required) Net ea. .095
 BI-OCULAR MICRO-LAB KIT: Complete portable laboratory kit. Consists of F-454 Micro Lab Kit, with all accessories and cabinet, F-334 600X Bi-ocular Microscope, 2 batteries and latest edition of "Hunting with Microscope." F-621 Shpg. wt., 13 lbs. Net 16.50

MICRO-LAB TEKNIKIT™



880

A carefully preselected assortment of the most often used lab items for biology, botany, anatomy, zoology, microscopy, etc. Perfectly complements the many inexpensive microscopes already in use. The instruments and accessories are of excellent quality. The cabinet will accommodate any microscope of no more than 8¾x5x3" overall (such as our F-334 "BI-OCULAR" and F-357 "Micro-Mech") and contains the following accessories: 15 slides, slide labels, slide covers, vial of balsam, dissecting scissors, probe, scalpel, tweezers, spatula, applicator rod, eyedropper, magnifier, 5 test tubes with stoppers, 6 laboratory jars, alcohol burner, polishing cloth. All in fitted drawers. Imported. F-454 Shpg. wt., 7½ lbs. Net 8.80

(C) NEW! 1200X "MICRO-TECH" MICROSCOPE
 • 80X to 1200X in 8 Ranges • Built-in Sub-Stage Illuminator • Dual Knob Lever Type Fine Focus • Complete Set of Dissecting Instruments **1995**

Perfect for the intermediate student or hobbyist. Huygenian eyepieces, 10X and 20X, 4 achromatic objective lenses. Magnifications of 80X, 100X, 160X, 200X, 400X, 600X, 800X and 1200X. Rack and pinion, coarse focus and lever type fine focus. Stage includes optical condenser, 5 aperture diaphragm. Sub-stage illuminator mirror or reflection for direct, incandescent illumination or reflected illumination. Spring loaded rack prevents damaging objective. Includes 2 prepared slides, 4 blank slides, spatula, scalpel, probe, scissors, tweezers and magnifying glass. Wooden case with carrying handle. Illuminator operates on pen-light cells or house current, by means of transformer. Less batteries. F-700 Shpg. wt., 6 lbs. Imported Net 19.95

F-701 Replacement bulb for F-700 Net .11
 BA-155 Battery (2 required) Net ea. .095
 Transformer: Permits use of house current for illumination of F-700 "Micro-Tech" microscope. F-761 Shpg. wt., 8 ozs. Net 1.80

(D) NEW! 900X "ZOOM" MICROSCOPE
 • 100X to 900X with Zoom Action
 • Built-in Substage Illuminator
 • Zoom Ratio 1 to 1.5 For Maximum Resolution **995**

An excellent value for the beginning student or hobbyist. Features advanced zoom type micro-optics. Zoom action permits smooth, vibration-free, variable magnification without disturbing stage or specimen. Four hard coated objectives set in a revolving "click stop" turret give magnifications of 100X, 150X, 200X, 300X, 450X, 600X, and 900X. Zoom Action permits choosing multiple magnifications without changing eyepiece or objective. The eyepiece zooms smoothly from: 10X to 15X. Illuminator operates with batteries or house current, by means of transformer listed below. Round hole disc diaphragm controls illumination. Includes instructions, sample slides and wooden carrying case. F-855 Less Batteries. Shpg. wt., 5 lbs. Net 9.95
 BA-155 Batteries (2 required) Net .095
 Transformer: Permits use of house current for illuminating F-855 Microscope. F-761 Shpg. wt., 8 oz. Net 1.80

NEW! THE VISIBLE PUMPING HEART

• Real Pumping Action
 • Accurate-Detailed
 —Educational
 • Easily Assembled **269**

Continuous, life-like action in a real working model of the human heart. See the fascinating movement of the blood flow through the transparent chambers of the heart to the "body" and back again. The first "live-action" heart model available to the hobbyist, student, club or classroom at a price within everyone's reach. Accurate detailing — suitable for educational and professional use. Simple fingertip pressure pumps the blood continuously through the system. Designed for ease of assembly and simplicity in use. Molded in fine detail of Superlon life-time plastic. Finished model is 9" high and 11" wide. AP-97 Shpg. wt., 2 lbs. Net 2.69

(E) NEW! 50X STEREO-SCOPE
 • STEREOSCOPE BINOCULAR MICROSCOPE
 • WIDE FIELD—3 DIMENSION VIEW
 • VERTICALLY ERECT IMAGE **1495**

Indispensable for the examination of surface features of gross objects. Excellent hobby aid for the coin and stamp collector. Prismatic, binocular head with interpupillary adjustment. Ground glass stage, 3¼x2¾". Heavy modified horseshoe base. Overall height 8". Complete with wooden carrying case. Imported. Shpg. wt., 5 lbs. Net 14.95

Earth-Science Combination. Includes 50X Stereo-Scope (F-752) and 96 selected specimens, named, tagged and classified. (Vol. I and Vol. II Mineral Teknits.) F-763 Shpg. wt., 8 lbs. Net 17.76

(F) 50X-100X "MAGNI-SCOPE JR."

Direct viewing "projection" microscope affords viewing ease to small groups. Less tiring than viewing through a conventional microscope. The image is projected onto a self contained, translucent glass screen. Finger tip control switches from 50X to 100X. Thumb wheel focus for sharp definition. Projects the full colors present in the slide or specimen. Illumination by means of a battery powered, pre-focused bulb. Requires 2 standard flashlight batteries (not included). Overall size 4½x3x6½". Supplied with bulb and three prepared slides. Imported. F-760 Shpg. wt., 1½ lbs. Net 5.29
 BA-157 Batteries (2 required) Net ea. .13

HOW TO DISSECT

Exploring with Probe and Scalpel



Dissection as a tool for scientific research. Equipment, Techniques. Dissecting the digestive, reproductive, nervous, circulatory and structural systems of the earthworm, crayfish, grasshopper, starfish, squid, shark, frog, gladiolus. Also perch, lobster, octopus, snail, moths, barnacles, etc. **Special projects:** behavior of earthworms, food and oxygen in space ships, juvenile hormones, remote control of heartbeats, regeneration, microdissection, camouflage, marine aquariums, etc. 128 pages. 82 photos and drawings. BK-1443 Post paid in U.S. Net .89

HUNTING WITH THE MICROSCOPE



How the microscope works. How to prepare and study cultures—set up a microscope zoo and garden—grow micro organism—perform micro surgery. Profusely illustrated with photographs and drawings. BK-1440 Post paid in U.S. Net .89

SLIDE PREPARATION KIT

• 30 Large Blank Slides

.98



30 glass slides, 3" x 1". In a fitted, sturdy cardboard container. Slotted guides hold slides upright for easy indexing. Includes slide covers and vial of mounting fluid. Shpg. wt., 1 lb. F-533 Imported Net .98

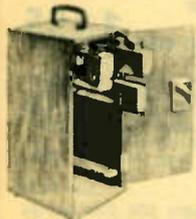


LAFAYETTE

The "Micro-Standard Mark II" 1500X SOCIETY STANDARD MICROSCOPE

CLINICAL AND ADVANCED ACADEMIC MODEL

- 25X to 1500X in 12 RANGES
- 4 ACHROMATIC OBJECTIVES IN ROTATING TURRET
- VARIABLE SUBSTAGE CONDENSER WITH IRIS DIAPHRAGM
- STANDARD SOCIETY OPTICS, BOTH OBJECTIVES AND EYEPIECES
- RIGID QUALITY CONTROL STANDARDS
- PAR FOCAL WITHIN 0.1mm



89⁹⁵

NO MONEY DOWN
BUY ON TIME
SEE PAGE 381

An unusually fine optical instrument designed especially for precision viewing requiring high magnification with an oil immersion lens. The outstanding features of great range and engineered versatility, optimum clarity and great magnification are usually found in microscopes costing much more.

OPTICAL SPECIFICATIONS: Three Huygenian eyepieces—5x, 10x, 15x. Four achromatic objectives—5x, 10x, 40x, 100x (oil immersion). FOCAL LENGTH: 170 mm. Monocular. **FOCUSING:** Coarse focus with adjustable tension. Fine focus vernier adjustment. Par-Focal within 1/2 rotation of fine focus control (0.1 mm). Spring loaded safety device prevents objective going through slide. **STAGE:** Square stage: 95 mm x 95 mm. Integral mechanical stage, adjustable in any direction. Stage clips. **SUBSTAGE:** Focusing condenser with variable iris diaphragm. 41 mm plano/concave mirror. Tilting Base. Black and chrome finish. Overall 12" high, 6 1/2" deep, 4 1/2" wide. Includes fitted wood cabinet with lock and key, 3 slides, bottle of cedar oil.

F-829WX Shpg. wt., 1 1/2 lbs. Imported Net 89.95
Sample available on approval to universities and industrial laboratories.

"MICRO'DAPTER"®

- Micro-photography! • Astro-photography!
- Inexpensive — accurate — easy to use
- Use any camera/microscope or camera/telescope setup
- Photo-record your observations



19⁷⁵

The MICRO'DAPTER permits the use of any camera — even movie cameras — with practically all microscopes and telescopes. May be used with all color and black and white film. No need to remove the camera lens. All exposures are made with the camera set at infinity. You view the specimen — choose the field of view — and focus while sighting through the MICRO'DAPTER's viewing telescope. Cross hairs are superimposed on the image for centering. The telescope is focusable for diopter variations. The viewing image is automatically in focus for the camera when viewed in focus through the MICRO'DAPTER. A special prism arrangement allows 15% of the light to pass through the viewing telescope for easy focusing. The camera shutter is operated in the normal fashion. Accessory sleeves permit the MICRO'DAPTER to be used with other than Society size microscopes. The MICRO'DAPTER may be used with any telescope by attaching to eyepieces of 29mm (1 1/8") maximum diameter. Complete with lateral viewing telescope, accessory sleeves and fitted case. Shpg. wt., 1 1/2 lbs. Imported from Japan.

F-506 Net 19.75

Optiscope

Optiscope—Wide Field Stereoscopic
Binocular Microscope

189⁰⁰

NO MONEY DOWN

- 10X — 90X
- Six paired, wide field eyepieces
- Six paired objectives
- Universal mounting device



BUY ON TIME
SEE PAGE 381

Unique design permits examination of opaque or gross specimens in any plane as well as use of standard stage and hand rests. The Optiscope reveals an extremely wide field, has a high eyepoint and long working distance. The image is not inverted or reversed; all movements appear in their actual direction. Engineered versatility for use in laboratory, industrial, and general research. Exceptionally fine optics produce

the most brilliant resolution. Fine stereoscopic (3-dimension) vision—wide flat field with exceptional depth of focus. Unexcelled optical and mechanical design.

OPTICAL SPECIFICATIONS: Six paired, achromatic, coated objectives, 2X, 4X, 6X, interchangeable by means of a dovetail slide. Six paired widefield eyepieces. Coated and corrected for chromatic aberration and field curvature. Two each 5X Huygenian, 10X Kellner and 15X Kellner.

BODY: Inclined 90°, coated prism system for maximum light transmission, interpupillary adjustment 55mm to 75mm, eyepiece diopter adjustment.

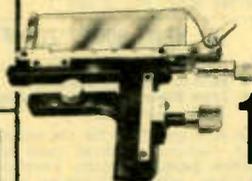
STAGE: 90mm x 100mm removable stage. 70mm flush top glass plate, long spring clips, removable hand rests.

FOCUSING: Rack and pinion focusing mechanism with 3" excursion of the rack. **STAND:** Universal mounting base clamps on any flat surface up to 2 1/2" thick. Maximum vertical travel of Optiscope on universal stand is 4 3/4". Affords 10" clearance from work surface to objective lens. Horizontal excursion is 4". Rotation through 360° in two axis. Includes fitted cabinet of fine grained oak. Shpg. wt., 25 lbs. Imported from Japan

F-443WX Net 189.00

MICRO-STANDARD

- LOCATES ANY SPOT ON A SLIDE, "ON THE NOSE"
- SMOOTH ACTION-HORIZONTAL AND VERTICAL
- FOOL PROOF CO-ORDINATE SYSTEM



19⁹⁵

Graduated mechanical stage attaches to any "Society" size microscope stage such as F-367 Medica, F-368 Micro-Plex and F-602 Micro-Standard. Adjustable holder takes any slide up to 90 mm x 50 mm. Essential for methodical examinations such as is required under an oil immersion lens or in blood counting. Locates and relocates portion of the slide quickly and easily. Vertical movement by rack and pinion — horizontal movement by worm gear. Machine engineered scales, graduated in single millimeters with vernier reading to 1/10th mm. All slides can be charted by means of the co-ordinates of these scales. Spring clip automatically fits the slide into proper position. Supplied with fitted wooden case. Shpg. wt., 1 lb. Imported from Japan

F-362L Net 19.95

NEW! MICRO PHOTOMETER

- Highly Sensitive Exposure Meter
- Suitable for use in Astro-photography
- For Photomicrography and Macro-photography



44⁹⁵

NO MONEY DOWN

EASY PAY PLAN
SEE PAGE 381

An exceptionally sensitive exposure photometer. Specifically designed for use in laboratory and clinical photomicrography, photomacrography and astro-photography. Sensitivity range in three scales from 0.1cp to 176.4cp. Shutter speed range to 1/5000 sec. Three scale ranges: 0-10, 0-100, and 0-1000. Each scale is subdivided in increments of 50 for maximum accuracy. Applies directly to the eyepiece of the microscope or telescope. Complete with all necessary fittings and instructions. Uses 4 penlight cells (not supplied). Shpg. wt., 3 lbs.

F-849L Net 44.95
BA-155 (Burgess Z type batteries) Net ea. .095

RESEARCH EQUIPMENT

FOR SCIENCE AND TECHNOLOGY



Micro-Plex

—Binocular-Monocular
Research Microscope

- 20X to 2000X • Interchangeable Binocular/Monocular Tubes
- Vernier calibrated mechanical stage • Eight paired eyepieces
- Quadruple revolving nosepiece



345⁰⁰

BUY ON TIME
SEE PAGE 381

An outstanding instrument with features of construction and design that will, without reservation, be appreciated by competent experts.

OPTICAL SPECIFICATIONS: Four achromatic, coated objectives 4X/0.15 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. Eight paired eyepieces. Two each 5X Huygenian, 10X Huygenian, 15X peri-planatic, 20X Kellner. Dust proof quadruple revolving nosepiece.

FIELD SIZE: Field area in millimeters is from 4.7 to 2.0mm for the 20x to 80x range, 1.88mm—0.8mm for 50x—200x, 4.7mm—2.0mm for 200x—800x, 1.88mm—0.8mm for 500x—2000x. Field size taken at 170mm focal length.

BODY: Interchangeable Binocular tube inclined 45°, graduated interpupillary adjustment, left eyetube adjusts for refractive difference between two eyes. Monocular tube is extendable, graduated in mm from 140mm to 190mm. Parfocal at 170mm.

STAGE: Square stage 125mm x 130mm. Mechanical stage with 30mm x 70mm range of movement with vernier accurate to 0.1mm. Slides of practically every shape and size, including petri dishes, can be used.

FOCUSING: Coarse focus by means of coaxial rack and pinion drive on dovetail slide. Fine focus by coaxial micrometer slow motion Meyer's type adjust. Graduated 1 division equals .002mm (2 micron intervals). Spring loaded action prevents driving through subject.

SUBSTAGE: Rack and pinion drive. Double lens bright field condenser (interchangeable) 1.2 n.a. iris diaphragm. Filter holder, stop against overwind, 50mm plano-concave mirror.

Satin black baked enamel finish. Chrome trim. 13 1/4 x 8 1/2 x 5 1/4" overall. Net weight 34 lbs. Includes fitted cabinet of fine grained oak with lock and key, 5cc of cedar oil, spring clips, spanner, blue filter. Shpg. wt., 42 lbs. F-368WX Imported Net 345.00

UNIVERSAL MICROSCOPE ILLUMINATOR

- Transformer with Dimming Control



Universal
Microscope
Illuminator with
Iris Diaphragm

35⁰⁰

NO MONEY
DOWN

Provides an intense, relatively cool light. Designed for use with stereoscopic microscopes (incident light), vertical illumination and as a general laboratory light source. Excellent for use as a "Millikan oil drop" experiment illuminator. Mounted on a heavy base, the lamp can be adjusted for any angle of above or below stage illumination. Size of the illuminated field is controlled by iris diaphragm. Ventilation openings are baffled to confine stray light. Focusable from an image of the filament to a broad field. The variable transformer permits continuous variation of light intensity. Supplied with a 6.5 volt, 25.5 c.p., clear glass bulb, blue glass filter and variable transformer. Shpg. wt., 10 lbs. F-445 Imported from Japan Net 35.00

F-755 Repl. Bulb for F-445 Net, ea. .69

MICROSCOPE STAGE MICROMETER

- GRADUATED TO 1/100 MM

395

Measures microscope field sizes—used for calibrating and standardizing micrometer eyepieces. Fine polished glass slide, 75 mm x 25 mm, has a 1.0 mm scale with 100 graduations (0.01 mm) ruled directly on it. Each fifth and tenth calibration is a larger line to aid in measurement. The lines are stained black and protected by a cover glass. Complete in hinged case. Shpg. wt., 6ozs. F-448 Imported from Japan Net 3.95



Medica II

—Medical-Bacteriological
Microscope

- Standard Society Size
- 20X to 1500X
- Vernier calibrated mechanical stage
- Extendable Monocular Tube
- Par-focal at 170mm tube length

Outstanding design—features unexcelled optically and mechanically—and priced far below any equivalent instrument.

OPTICAL SPECIFICATIONS: Four coated achromatic objectives. 4X/0.10 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. Three eyepieces, 5X Huygenian, 10X Huygenian, and 15X peri-planatic.

BODY: Extendable, monocular tube. Graduated from 155 mm to 200 mm. Parfocal at 170 mm. **STAGE:** Square stage 120mm x 125mm. Graduated mechanical stage with 50mm x 80mm range. Vernier accurate to 0.1 mm.

FOCUSING: Coarse focus by means of rack and pinion drive on dovetail slide. Fine focus by coaxial, lever type, micro-motion. Full 16 revolutions for 3mm travel. Spring loaded safety device prevents driving through subject. Focusing tension adjustable.

SUBSTAGE: Ring type, rack and pinion drive. Double lens bright field condenser (interchangeable) 1.2 n.a., iris diaphragm, filter holder, stop against overwind, 50mm plano-concave mirror.

12 1/2 x 8 1/2 x 5 1/4" overall. Net weight 21 lbs. Includes fitted cabinet, 5cc of cedar oil, spanner, spring clips, blue filter. Shpg. wt., 29 lbs. F-367WX Imported Net 179.00

179⁰⁰

EASY PAY PLAN
SEE PAGE 381



SUBSTAGE ILLUMINATOR



- Standard society size

850

Provides brilliant, even, illumination generally unobtainable with ordinary substage lamps. Well-ventilated—cool operating—110 Volt, 15 watt clear glass bulb. Mounts in any mirror fork that holds 50mm mirror, such as the Micro-Plex (F-368) or Medica (F-367). Has both diffuser lens and ground glass blue filter. Complete with 2 spare bulbs and wooden case. Shpg. wt., 1 1/2 lbs. Imported from Japan F-438 Net 8.50

F-754 Repl. Bulb for F-438 Net, ea. .39

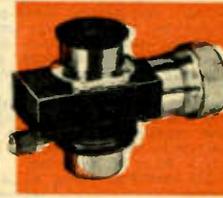
"MICRO-FILAR" SCREW MICROMETER EYEPIECE

- MAKES 1 MICRON (0.001MM) MEASUREMENTS

5450

NO MONEY
DOWN

Precisely constructed micrometric eyepiece required for extremely precise measurements. 10X focusing Ramsden eyepiece. When used with a 100X (oil) objective, permits measurements of 0.001mm (1 micron). Fixed scale, 8mm long, with 1.0mm numbered graduations. Movable glass slide engraved with cross hair and 1/10 division (0.1mm) of fixed scale. The micrometer screw drum is graduated in 100 parts. Each graduation is equal to 0.01mm. One complete revolution of the drum moves the cross hair and 1/10 division 1.0mm across the field. Complete with hardwood case. Shpg. wt., 1 lb. Imported from Japan F-447 Net 54.50



WIDE FIELD 10X EYEPIECE

1050

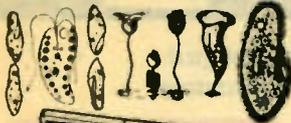


Coated Kellner 10X widefield eyepiece for all standard, society size (23mm ocular tube) microscopes. A positive achromat with a large eye lens and a high eyepoint. Offers a considerably wider field of view, and far greater eye relief than a standard Huygenian eyepiece. Invaluable aid to prolonged research and study. For use with such microscopes as our F-829, F-368 and F-367. F-830L Shpg. wt., 8 oz. Net 10.50

LAFAYETTE

TEKNIKITS FOR STUDENTS OF SCIENCE AND TECHNOLOGY

MICRO-SLIDE TEKNIKIT T.M.



AS LOW AS
89¢
PER SET

- SPECIALLY SELECTED MICRO-SUBJECTS
- ADD TO THE ENJOYMENT OF YOUR MICROSCOPE
- PROFESSIONALLY PREPARED

Specially selected slides of universal interest. Carefully prepared — cleaned, dissected, embalmed, stained, mounted and covered. Slides are professional size. Set includes 12 prepared slides and slotted, covered box for filling and storing. Shpg. wt., 8 oz. Imported

| | |
|--|----------|
| F-123—Parts of Insects | Net 1.39 |
| F-124—Spiders and Disease Carriers | Net 1.39 |
| F-125—Tiny Creatures found around House | Net 1.39 |
| F-126—Sea Life | Net 1.39 |
| F-128—Structure of Blood | Net 1.15 |
| F-130—Life cycle of Insects | Net 1.39 |
| F-131—Bacteria | Net 1.79 |
| F-132—Pond, Marsh and Sea Life, Plankton | Net 1.59 |
| F-134—Micro-Animals | Net 1.25 |
| F-135—Micro-Organisms | Net 1.29 |
| F-136—Substance of Cells | Net .89 |
| *—Set of 6 slides | |

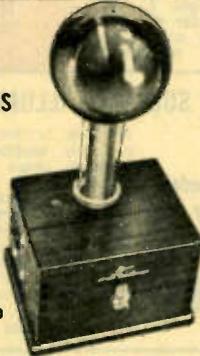
MICROSCOPE SLIDE TEKNIKIT T.M.

- 12 BLANK SLIDES

A complete slide preparation kit for 3" x 1" slides. Contains 6 blank single well slides and 6 blank double well slides plus 20 cover slips and a vial of neutral red solution. Sturdy cardboard container with slotted guides to hold slides upright for easy indexing. F-691 Shpg. wt., 8 oz. Imported Net 1.29

NOVATRON A SCIENTIFIC INSTRUMENT FOR THE EXPERIMENTERS

- POWERFUL, 110 VOLT AC/DC MOTOR
- MINIATURE ATOM SMASHER
- PRODUCES 75,000 VOLTS
- ABSOLUTELY SAFE



COMPLETELY WIRED (NOT A KIT)

In no sense of the word a toy or gadget. This machine is a scientific instrument capable of producing 75,000 volts —makes sparks up to 2" long—yet is absolutely safe because the current is infinitesimal. The science teacher —science lover—or hobbyist can perform experiments to astound students—friends—family. Makes smoke disappear—defy gravity—turns propellers at a distance—transforms atomic energy into light—makes artificial lightning—smashes atoms—demonstrates ionic space ship drive—and many other experiments. Will hold an audience spellbound as it performs trick after amazing trick. Includes an experiment kit and illustrated experiment manual. Manual explains the "how" and "why." You will invent many new experiments of your own. A fine research tool that will give years of beneficial service to the institution or individual who owns one. 110 V. AC or DC. Imported.

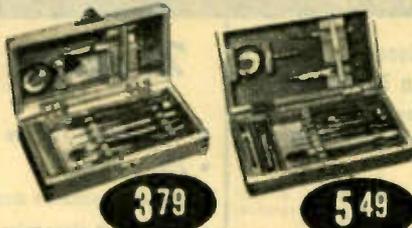
F-371 Assembled—Shpg. wt., 4 lbs. Net 11.95

"ROCKHOUNDS" PROSPECTING PICK 189

All Steel—Cushion grip

Forged steel—one piece prospecting hammer. Rubber covered, cushion grip handle. Non-slip 30 oz. hefty, rugged prospectors prime tool. 100% drop-forged steel. HD-726 Shpg. wt., 3 lbs. Imported Net 1.89

DISSECTING INSTRUMENT TEKNIKIT T.M.



379

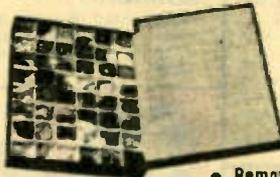
549

- Suitable for Advanced Studies

Carefully chosen kit of most often used dissecting instruments in biology, botany, zoology, anatomy. All of the instruments are high quality. All metal parts plated and polished. Scalpels are of properly tempered, nickel plated steel. Dissecting probes have adjustable chucks and replaceable needles. Kit contains the following 14 pieces: Scalpel—all metal 1½" fine tip blade. Scalpel—all metal—1¾" half blunt blade. Spatula—2" x ¾" blade. Dissecting needle, chuck type, curved. Dissecting needle, chuck type, straight. Dissecting forceps, medium point, straight. Dissecting forceps, medium point, curved. Probe with eye, 6" long. Blow pipe, 5½", I.D. 3mm to 1 mm. Small magnifier. Dissecting scissors, sharp points. Dissecting scissors, bandage type. Syringe, 2cc., with slip on needle. Set of pins. Complete in fitted wooden case. Shpg. wt., 1½ lbs. Imported

| | |
|--|----------|
| F-450 | Net 5.49 |
| Same fine quality as F-450. Contains 2 scalpels, spatula, 2 dissecting needles, 2 dissecting forceps, blowpipe, magnifier, scissors, pins. Smaller set contains only the essentials needed for general dissecting work. Instruments exactly as described in F-450. Complete with fitted wooden case. Shpg. wt., 1 lb. Imported | |
| F-451 | Net 3.79 |

MINERAL "TEKNIKIT" T.M., VOL. I



- 48 Carefully Selected Specimens
- Named—Tagged—and Classified

- Removable for Study

Forty-eight specimens—pre-selected to illustrate such physical characteristics as cleavage, hardness, color, luster, specific gravity, crystal form, etc. Contains specimens of ore—organics—fossils—elements—Plutonics—oxides—volcanics—hypabyssals—effusives crystals—common and uncommon minerals. An aid in the study of mineralogy, petrology, structural geology, physiography, economic geology. Each specimen is tagged and removable from its compartment. Each compartment is correspondingly tagged and named. All are named as well as classified. An excellent introduction to rock and mineral identification. Handy reference for the advanced "rock hound." Shpg. wt., 1 lb. Imported F-566 Net 2.95

NEW! MINERAL TEKNIKIT T.M. VOL. II

- 48 Additional Specimens!
- No Two Alike!
- Many Uncommon Minerals!

Volume 2 of Lafayette's popular Mineral TEKNIKIT has been as carefully pre-selected and packaged as its predecessor. Includes specimens of Carbonates—Tantaline—Phosphates—Gemstones—as well as additional Plutonics—Volcanics—Sulphides—Metamorphics—Silicides—Oxides and many others. Specimens are tagged, compartments identified and the entire collection is indexed for type and classification. Shpg. wt., 1 lb. Imported F-676 Net 2.95

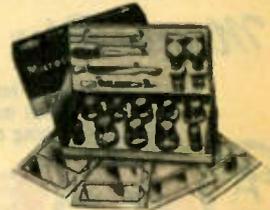


COLLAPSIBLE ILLUMINATED MAGNIFIER

Collapsible lens pulls out, automatically lighting flash-light. Magnifies work 5 times. Ideal for examination of coins, stamps, etc. Size 4¼x1¾". Shpg. wt., 6 oz. Lot of 3 Imported ea. .98 Burgess Z battery (2 required for above) ea. .85 BA-155 ea. .095

MICROSCOPY TEKNIKIT T.M.

- PORTABLE BIOLOGICAL LABORATORY
- QUICK-EASY MICRO-SLIDE PREPARATION



395

A completely self-contained lab kit for staining, preparing and mounting micro-subjects. Carefully chosen selection of all the necessary accessories for the proper preparation of micro-slides. Contains equipment for collecting—fixing—dyeing—dehydrating—clearing—mounting—finishing—labeling—drying and storing subjects. The kit contains 24 1" x 3" slides, cover slips, labels, tweezers, scalpel, dropper, probe, rod, 2 collecting vials, 2 small dishes, 4 bottles of dehydrating fluid (70%, 80%, 90%, 100% alcohol), bottle of acid alcohol, xylol clearing fluid, Gates' fixing fluid, Canada balsam mounting fluid, 2 vials of dyeing fluid (acid fuchsin and gentian violet). Supplied with complete instructions. Shpg. wt., 2 lbs. Imported F-604 Net 3.95

MICRO-SLIDE STAINING TEKNIKIT T.M.

179

Compact staining kit containing liquid stains suitable for both temporary and permanent preparations. Suitable for staining chromosomes, protozoa, tissue, nuclei, animal and vegetable cellular structure, insects, plankton, etc. Permits observations unobtainable in an unstained specimen. Each vial is a "dropper" type for direct application of stain to specimen. Kit consists of one vial each of Safranin, Methylene Blue, Fuchsin, Gentian Violet, Eosin and First Green. Supplied with complete detailed instructions. Shpg. wt., 8 oz. Imported F-605 Net 1.79

ADVANCED STAINING TEKNIKIT T.M.

Contains three additional dyeing fluids. Suitable for staining blood smears, spirochaetes, bacteria, etc. Supplied in "dropper" type vials complete with instructions. Shpg. wt., 6 ozs. Imported F-624 Net 1.69

3½" STAND MAGNIFIER



366

- Free Use of Both Hands
- Broad, Flat Field
- Legs Fold for Compact Storage

Allows free use of both hands—ideal for close tolerance work by engravers, watchmakers, etc. The crystal-clear cross cylinder, magnifying lens rotates a full 360°. The large, colorless, 3½x1¾" lens mounts in a chromed brass stand. Legs fold for storage. Shpg. wt., ½ lb. F-551 Folding Magnifier Imported Net 3.66

PORTABLE ILLUMINATED MAGNIFIER

- EXTREMELY BRIGHT FIELD
- 5X MAGNIFICATION
- COMPOUND LENS TYPE
- 2" FIELD!

295



A fine, fixed-focus illuminated magnifier—magnifies work 5 times. Field of vision is 2" at 1¼" working distance. Magnified area easily accessible through cut out. Invaluable in hobbies such as stamp or coin collecting, photography, entomology—mineralogy, etc. Excellent map reader. Completely portable—uses two No. 2 cells for power. Weight ¾ lb. Length 8½" overall. Shpg. wt., 1½ lbs. F-193 Imported Net 2.95 BA-157 Battery (2 required) Net ea. .13

LAFAYETTE

PRECISION SCIENTIFIC INSTRUMENTS
for RESEARCH

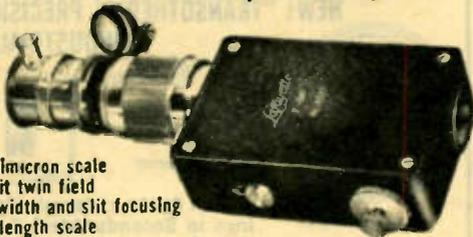
SCIENCE TECHNOLOGY

Direct Vision Precision Spectroscope

76⁵⁰

BUY ON TIME
SEE PAGE 381

- 400 to 800 millimicron scale
- Horizontally split twin field
- Adjustable slit width and slit focusing
- Focusable wavelength scale



This instrument is the most precise spectroscope available in the hand held type. It is especially recommended for differentiating between hemoglobin derivatives and for rapid detection of carbon monoxide poisoning. Containing most of the features of fine standard laboratory instruments, this direct vision spectroscope can be used to assay dyes and chemicals, chart the spectra of substances in metallurgical furnaces, give quantitative analysis of most elements and many compounds, examine the emission spectrum of illuminating tubes such as sodium, cadmium and mercury lamps. The unit features an adjustable, focusable 400 to 800 millimicron scale, with a "lock-in" device to fix the scale with relation to known spectral lines. Highest quality optical train yields a broad dispersion field of high intensity and resolves the closest spectral lines into two distinct lines. A simple twist of a knurled collar produces a horizontally split field wherein a comparison can be made of two light sources simultaneously. In emission spectrum analysis, qualitative chemical analysis, metallurgical analysis, qualitative analysis of absorption spectra, color and dye chemistry, blood chemistry, clinical medicine, criminology. Complete with test tubes for aqueous solutions, fitted storage case and instructional data. Shpg. wt., 1 1/2 lbs. Imported

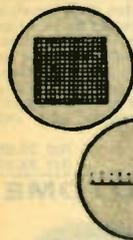
F-361L

Net 76.50

OCULAR MICROMETER RETICLES

Convert your microscope into a precise, "quantitative" measuring instrument. Use these reticles to measure with extreme accuracy the length of, or the area occupied by, the smallest micro-sized specimens. Excellent for measuring dispersion and distribution of microscopic life in their media. Reticles mount in the ocular of the microscope; yield perfectly clear field. Made of the finest type of engraving on optically flat glass discs which may be easily cleaned before installation. Each disc in a plastic case. Reticle Diam.—19 mm. Imported

- F-363L—10mm—100 divisions Linear Scale Net 1.95
- F-364L—5mm—100 divisions Linear Scale Net 1.95
- F-365L—10x10mm—400 squares—0.25mm² Min. Net 1.95
- F-366L—5x5mm—100 squares—0.25mm² Min. Net 1.95



LAFAYETTE OPTICAL MICROMETER

- Pocket sized Comparator
- Linear scale in inches
- Direct measurements to .005"l
- Measures Diameters - Radii - Angles

High quality optical micrometer using a triplet lens system of approximately 7 power. Triplet system affords a wide flat field of view. Extremely accurate reticle of etched glass. Unaffected by changes in temperature and humidity—Impervious to oil, solvents and scratches. 0.5 inch linear scale calibrated to .005 inch. 10 mm scale calibrated to .2 mm. Hole diameters from 1/4" to 3/4" and from .005 to .05". Thickness scales from 1/4" to 3/4" and from 1/4" to 3/4" and angles from 0 to 90°. Measures instantly—without adjustments. Accurate to edge of 1" field. Adjustable focus. Reticle removable for use as highpower magnifier. Infinite uses in lab and industry. Complete with leather case.

F-376L Shpg. wt., 6 oz. Imported Net 79.5



79.5

SPECIAL MICROMETER RETICLES

Extremely accurate, etched glass reticles for use with F-376 Optical Micrometer or other comparators of equal quality. Unaffected by changes in humidity and temperature — resistant to scratching — oils — and solvents. All reticles measure 1 1/4" (27 mm). Imported

Particle measuring grid 0.4x0.3" subdivided to .005". Hole diameters from 0.1 mm to 3.0 mm. Radii from 1 mm to 10 mm. Angles from 0 to 90°. 10 mm linear scale calibrated to .2 mm. Shpg. wt., 4 ozs.

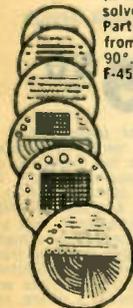
Radial and angle scales. 180° protractor scale, 0 to 90° in 1° increments. Radius scale, concentric 0.5 mm to 10 mm with .5 mm subdivisions. Shpg. wt., 4 ozs.

Thickness gauge. 15 scales consisting of parallel lines — measures from .002 to .016 inches. Shpg. wt., 4 ozs.

Particle measuring grid and diameters. 10 mm square grid of 0.5 mm squares. Subdivided with 0.1 mm increments. Diameters from 0.1 mm to 2.5 mm in 0.1 mm increments. Shpg. wt., 4 ozs.

Complete comparator. All five reticles and magnifier. With leather case. Shpg. wt., 8 ozs.

F-460L Net 16.95



DIRECT VISION SPECTROSCOPE

- Superior to grating 'scopes
- Adjustable Slit—focusable field

19⁵⁰



A simple, accurate instrument for the spectroscopic analysis of emission spectra from light sources, vaporized chemical salts, solids, liquids and the Solar Spectrum. Most convenient for experimental and student use. A broad dispersion field of high intensity is obtained from several dispersing prisms of matched glass, while a high grade optical system yields good resolution, sufficient to separate 5769.6Å from 5790.6Å in the spectrum of a fluorescent lamp. The slit has adjustable width and can be focused sharply by means of an eye piece draw-tube, assuring easy viewing and establishment of Fraunhofer lines of the Solar spectrum or bright lines of the emission spectra. Metal parts are made of chrome-plated, corrosion-proof brass. Supplied in fitted case. Shipping wt., 9 oz. Imported

F-359L

Net 19.50

LAFAYETTE ILLUMINATED OPTICAL MICROMETER

- Takes Direct Measurements To 1/200"

ONLY 5⁹⁵



A quality optical micrometer which illuminates both the reticle and the object to be examined. Lens system magnifies work 10 times. This instrument makes precision measurement of diameters, radii and angles without eyestrain. Extremely accurate etched glass reticle of 1" dia. Measures: Hole Diameters from 1/4" to 3/4" in 64ths and from .002" to .05"; Radii from 1/4" to 3/4" in 32nds; Angles from 0° to 90° calibrated every 5° plus 29°, 55°, 60° and 118°. Two Direct Measurement scales, 1/4" in 1/4ths and and 1/2" in 1/200ths. Size: 6 3/4" overall. Uses two "C" flashlight cells (not supplied). Imported.

F-846 Shpg. wt., 9 oz. Net 5.95
BA-156 Batteries for above (2 req.) Net ea. .13
PL-33 Extra bulb for above Net .11

IMPROVED BRINNELL MICROSCOPE

32⁵⁰

- Reads direct to 0.0005 inch
- Magnification 100X
- Self illuminated



Directly measures the size of Brinnell hardness impressions, or any object, down to .0005 in. Built in eye piece reticle is .05" long divided into 100 parts. Each 200th inch is numbered for direct read-out. Helicoid focusing of eyepiece corrects for diopter variations. Focusing of main tube by extremely fine rack and pinion. Illuminated by a pen light attached to an adjustable arm. Portability, rugged construction and high light efficiency make this an excellent general purpose industrial unit. Suitable for field work as well as lab and shop. Eye relief of approximately one inch permits use while wearing glasses. 60X interchangeable eyepiece available for lower power applications. Complete with adjustable arm, penlight and fitted case. Shpg wt., 2 1/2 lbs. Imported

F-625 Net 32.50
60X Eyepiece: interchangeable eyepiece for F-625 Brinnell Microscope. Reticle is 0.08" long graduated in single divisions of 0.001". Shpg. wt., 4 ozs. Imported
F-626 Net 15.50

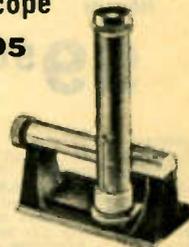
LAFAYETTE Measuring Microscope

- Dual Scale-inch and Millimeter
- Fine Pitch Screw Micro Drive

12⁹⁵

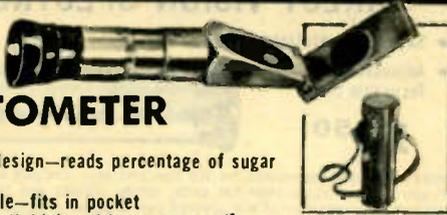
A small, portable microscope specifically designed for inspection of opaque materials. Variable system magnifications, 40X to 60X, ensures accurate inspection at the desired magnification. The perfect microscope for examining mesh and wire net for imperfections. Scale is calibrated in inches (1/16" divisions) and also in millimeters (1 millimeter per division). It is possible to use either of the calibrated scales on the unit simply by adjusting the position of the optical section. The optical section can be moved right or left, 1" from center, by means of a fine pitch worm gear with a two inch travel. One complete revolution of the vernier knob moves the scope 1/4" to the right or left. This enables the user to examine a certain portion of a specimen without moving the microscope or specimen. May be used in either vertical or horizontal position. Mechanism consists of: An aluminum, gray, frost-coated base; a chrome plated brass supporter; chrome-plated brass dial plate with calibrated scales: 40X to 60X microscope and a wooden carrying case. Overall Size: 3 3/4" L x 2 1/4" W x 5 1/4" H. Shpg. wt., 1 1/2 lbs.

F-617 Imported Net 12.95



LAFAYETTE CLINICAL & LABORATORY EQUIPMENT

SUGAR REFRACTOMETER

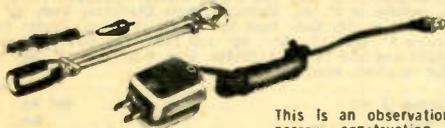


- A modified Abbe design—reads percentage of sugar in solution
- Completely portable—fits in pocket
- Four units cover both high and low range readings
- Accuracy $\pm 0.2\%$ for low range instruments— $\pm 0.5\%$ for high range.

An exceptionally well made, highly accurate hand sugar refractometer. Designed for accurate measurements of the percentage of sucrose or dissolved solids in solution. Particularly suited to the sugar industry. Permits accurate measurements, in the field, of sugar percentage in fruits and vegetables. Equally suitable for use in the "juice" industry, by sugar growers, in canning plant lab, candy, chocolate and jelly industries, soft drink plants, breweries, agricultural as well as in other phases of chemistry and clinical pathology. Extremely simple in operation—no moving parts except the focusing eyepiece. Completely color corrected optical train, perfectly clear field. Range of 0.32% to 0.2%, easily estimated reading to 0.1%. Accuracy $\pm 0.2\%$. Includes adjusting screw driver, temperature correcting tables, leather carrying case and straps. Shpg. wt., 1 1/2 lbs. Imported

| | | |
|--------|-----------------------------|-----------|
| F-358L | | Net 29.95 |
| F-431L | Range 28 to 62% $\pm 0.2\%$ | Net 33.95 |
| F-430L | Range 45 to 82% $\pm 0.5\%$ | Net 41.90 |
| F-432L | Range 58 to 90% $\pm 0.5\%$ | Net 41.90 |

"INTER-VUE" ILLUMINATED INSPECTION SCOPE



29⁵⁰

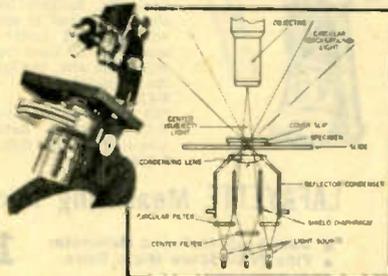
This is an observation magnifier whose long, narrow construction and small illuminating lamp make it ideal for viewing the inner surfaces of objects. Employs a right-angle prism, an objective lens, two intermediate lenses, and an eyepiece. Total magnification factor of 6. Since the inspection scope transmits the image through a right angle, it can be an invaluable aid in dental examinations. Can also be inserted into miniature equipment to "see around corners" and provide the magnification necessary for close examination. May be submerged in water or other fluid which is not an alcohol. The field of view is a circle, 3/8" in diameter, and the entire length of the instrument is 7 3/4". A small adapter (included) with a 6 ft. cord is plugged into a 117VAC outlet and the inspection scope is connected to the adapter through another 6 ft. cord. Unit is supplied with 3 replacement illuminating lamps, plus fitted wooden case.

F-766L Shpg wt., 2 lbs. Net 29.50

NEW! "COLCON"—COLOR CONTRAST

MICROSCOPY APPARATUS

- Dyes LIVING Specimens Optically
- 36 Levels of Light Intensity

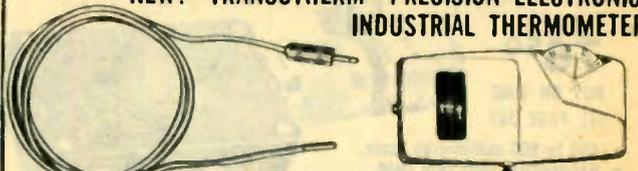


99⁵⁰

The "Colcon" color contrast apparatus represents a complete departure in the "staining" of specimens. Specimens of inherently low contrast can be "dyed" optically while maintaining striking contrast to the field background. The "Colcon" will also provide "Bright Field" illumination by means of critical (parallel) light, "Monochromatic Bright Field" illumination by the use of its special, long focus (n.A.O.8) reflecting condenser, "Inclined" (high resolution) illumination by means of offset filter, extremely stable and exceptionally versatile illumination for photo microscopy. The "Colcon" is suitable for use with any standard, Society size microscope. The "Colcon" and the microscope then become one versatile functional unit, in perfect, mutual alignment. The "Colcon" consists of the color contrast substage apparatus and a variable transformer power supply. The substage apparatus is composed of a long focal length (n.A.O.8) reflector/condenser of unique design, two separately adjustable revolving turrets containing eight colored filters, concentric light source containing seven lensatic bulbs and removable covers. The lower (axial light) turret contains four filters of daylight, blue, green and violet colors. The upper (background light) turret contains four filters of red, yellow, green and violet. Each light source is independently variable from "off" through six positions of intensity. The variable transformer power supply contains the individual switches and controls. Uses 110V A.C. at 24 watts and delivers 4 to 12V A.C. at 2 amps. Supplied complete with power cords, spare bulbs and wooden storage cabinet. Shpg. wt., 10 lbs. Imported

F-615 Net 99.50

NEW! "TRANSOTHERM" PRECISION ELECTRONIC INDUSTRIAL THERMOMETER



*Reg. Trademark
E. I. Dupont

A 20th Century Marvel—Temperature Readings in Seconds. Ideal For Hospitals, Laboratories, Industrial Plants, Photographic Darkrooms.

39⁹⁵

- Direct Reading—Large Easy-to-Read Dial
- Portable—Use It Anywhere • Unbreakable Corrosion Resistant Stainless Steel Probe
- Teflon* Insulated Cable • Light Weight—Only 4 1/2 oz.
- Accurate to $\pm 2^\circ\text{F}$ • Battery powered—Lasts up to 5 years! • Fully Guaranteed for 6 Months

An advanced space age device which is infinitely superior to ordinary glass or metal thermometers and rivals similar units costing two to five times as much. The perfect temperature instrument for a variety of industrial and laboratory uses such as viscosity, calorimetric, distillations, cloud chambers etc. Gives accurate readings in less time than it takes you to read this paragraph! The fantastic accuracy of $\pm 2^\circ\text{F}$ is achieved through its 65° to 115°F range by individually calibrating each probe during manufacture. The non-corrosive stainless steel probe is integrally attached to a highly flexible teflon cable. This construction makes the cable inert to almost all chemicals and solvents except molten alkali metals and fluorine at certain elevated temperatures. Readings are unaffected by vibration which is useful with checking stirrers or blowers. Unlike other electronic thermometers, the accuracy of the Transotherm is not affected by battery fatigue or meter precision eliminating the need for periodic recalibration or battery replacement. The long life mercury power cell will actually last up to five years! Fully guaranteed service at no charge, is available for 6 months. Contained in rugged, hi-impact plastic case. Size: 4 3/4" x 2 1/4" x 1 1/4". Includes compartmented case and instructions. Shpg. wt., 3 1/4 lbs. Allow 30 days for delivery.

| | | |
|--------|-------------------------------|-----------|
| F-836L | 65°F to 115°F | Net 39.95 |
| F-824L | Clinical Thermometer 94-108°F | Net 39.95 |

SIMPLEX CYLINDER MICROTOME

- Graduated in 10 micron intervals
- Surgical Steel Knife
- 75mm ground glass stage



19⁹⁵

Small, accurate microtome for freehand sectioning. Suitable for school use as well as lab applications where a hand operated feed is sufficient. Extremely well made to very close tolerances. Micrometer feed screw is graduated in 10 micron intervals. The ground glass stage is 75 mm in diameter. The microtome knife is of surgical steel, ground and tempered to produce and retain a keen cutting edge. Complete with knife and wooden storage case. Shpg. wt., 2 lbs. Imported

F-442 Net 19.95

NEW! "ULTRA-LUMINATOR" LENS



- Unique Vertical incident light system
- 12X, 24X, 48X and 120X illuminating objective lenses
- Light does not pass through objective

139⁵⁰

A "vertical" illumination system designed for observation and photographing of opaque and semi-opaque specimens. Designed for the study of metals—minerals—oils—textiles—chemicals and ceramics. Equally advantageous in the biological and medical fields observing plankton, living specimens, tissues, dust and smog. The objective assembly consists of a circular array of 6 lensatic miniature lamps, a specifically designed lens system and a conical reflector tube. A prime advantage in this system is that the light does not pass through the objective lens. This prevents "scattering" and reflections from the lens surfaces and maintains a higher degree of contrast in the image. The power source is a compact, variable transformer affording a broad range of light intensity. The "Ultra-Luminator" objectives will fit the turret of any standard, Society size microscope. Supplied complete with 4" Ultra-Luminator objectives, 12X, 24X, 48X and 120X (oil immersion) 5 filters, red, yellow, green, blue and frosted (diffusion), 6 spare bulbs, variable transformer for 115 volts, 60 cycle, AC., cords and instructions. Imported

| | | |
|--------|-----------------------|------------|
| F-614L | Shpg. wt., 6 1/2 lbs. | Net 139.50 |
| F-657L | Polarizing Filter Set | 5.95 |

LAFAYETTE Portable Phonographs - Stereo & Monaural

4 SPEED MONAURAL RECORD PLAYERS



"LEADER" 4-SPEED MANUAL (Fig. A)

Plays up to 12" monaural records at 16 2/3, 33 1/3, 45 or 78 RPM. A single lever selects any speed. The lightweight pickup arm is equipped with a single all-purpose needle for all records. Has volume control with on-off switch. Retractable 45 RPM chuck. Fine quality Alnico 5 PM speaker. Attractive leatherette covered case. For 110-120 volts, 60 cycles. Size 11 3/4 x 10 1/2 x 5". Shpg. wt., 9 lbs. **PH-160W** Net 13.95

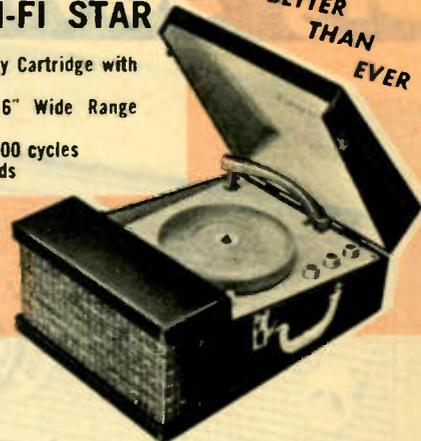
STANDARD 4-SPEED MANUAL (Fig. B)

With this portable phonograph you can play any record up to 12" size at 16 2/3, 33 1/3, 45 or 78 rpm. Has retractable 45 RPM chuck. A single lever selects any speed. The lightweight pickup arm is equipped with a turnover cartridge with dual sapphire stylus. Has both tone control and volume control with on-off switch. Has jack for adding extension speaker. Fine quality Alnico 5" PM speaker. Attractive 2-tone leatherette covered case. Color: Charcoal linen and gray airbrush with matching grill cloth. For 110-120 volts, 60 cps. AC. Dimensions 12 1/2 x 10 1/2 x 7 1/2". Shpg. wt., 10 lbs. **PH-161W** Net 18.45

LAFAYETTE HI-FI STAR

BETTER THAN EVER

- GE Reluctance Triple Play Cartridge with 2 Sapphire Needles
- Dual Speaker System: 6" Wide Range and 4" Tweeter
- Frequency Range 50-15,000 cycles
- Plays all Monaural Records



No Money Down

37⁵⁰

FOR BUDGET TERMS
SEE PAGE 381

The famous Lafayette "Star" now incorporates an extended-range speaker system with 50 to 5,000 cps. response. The 4-speed phonograph plays all record sizes up to 12" and has the famous GE variable reluctance "triple play" cartridge with two sapphire tipped needles. With retractable chuck for 45 rpm records. Separate bass and treble tone controls and volume control. The 2 speakers produce a real feeling of "presence." Size 19 9/16 x 16". Covered in your choice of charcoal or light tan shadow branch parchment leatherette. For 110-120 volts, 60 cps AC. Shpg. wt., 15 lbs.
PH-155W Charcoal Black Net 37.50
PH-156W Luggage Rust Net 37.50

OUR FINEST PORTABLE PHONO

- Garrard Fully Automatic 4-Speed Intermix Changer
- Fully Compatible - Plays Stereo or Monaural
- Two Powerful 10 Watt Amplifiers
- 6 Tubes Plus 750 Mil Selenium Rectifier
- 3 Speakers • Detachable Wing Speaker with 9 Ft. Cord
- Frequency Response 50-12,000 cps
- 4 Controls

89⁵⁰

No Money Down



BUY ON TIME
SEE PAGE 381

A complete portable and compact stereo phonograph in one convenient case. System uses the well-known Garrard High-Fi, 4-speed stereo changer which features true intermix of 12" and 10" records in any order with instant selection of either automatic or full manual operation. Automatic shut-off and arm return at end of last record. Uses a stereo turnover cartridge to play all your records—whether monaural or stereo. Two powerful 10 watt amplifiers provide a frequency response of 50 to 12,000 cps. Controls included: Master Volume; Remote speaker volume; Master treble; Master bass. Detachable front speaker cabinet houses a 6x9" speaker with 9 ft. extension cord. Main unit houses two speakers—one 6x9" woofer and one 4" tweeter. Tubes: 4-12AQ5, 2-12AX7 plus selenium rectifier. Phonograph has easy-grip handle on attractive smart-looking Pyroxylin covered case. For 110-120 volts 60 cycle AC. Size: 23x16x9 1/4". Shpg. wt., 40 lbs. Available in choice of 2 attractive coverings.
PH-162WX Charcoal Silver Net 89.50
PH-163WX Luggage Rust Net 89.50

LAFAYETTE AUTOMATIC STEREO PHONOGRAPH

52⁵⁰

- Garrard 4-Speed Automatic Intermix Changer
- Compatible - Plays Both Stereo and Monaural



Attractively styled stereo-monaural phonograph featuring Garrard 4-speed automatic intermix record changer with stereo crystal cartridge and dual sapphire styli; Automatic shut-off and arm return at end of last record. Free floating motorboard. Takes all record sizes, plays all 4-speeds: 16 2/3, 33 1/3, 45 and 78 RPM. Has separate volume controls for each channel and dual channel tone control. Both main unit and removable cover have 5" Alnico 5 PM speakers. 8 ft. cable supplied for placement of second speaker. Covered in Charcoal Hammetone with White Trim. Tubes: 2-50C5, 1-12AX7 and 35W4 rectifier. For 110-120 volt 60 cycle AC. Size 19 1/4 x 15 1/2 x 8 1/4". Shpg. wt., 23 lbs. **PH-164WX** Net 52.50

LAFAYETTE DELUXE AUTOMATIC STEREO PHONOGRAPH

67⁵⁰

No Money Down



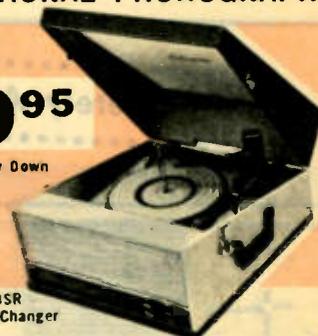
- Garrard Changer
- 3 Speakers
- 4 Controls
- 4 Tubes plus Rectifier

Deluxe phonograph with Garrard Automatic 4-speed Intermix stereo-monaural changer. Turnover Cartridge with dual sapphire styli. Plays all sizes, all speeds. Automatic shut-off and arm return. Separate volume controls for each channel, treble control for wings, and bass control for center. Main case has 6" speaker with 2.15 oz. Alnico 5 magnet, each wing has 5" Alnico 5 speaker. Wings detachable. Tubes: 2-35C5, 1-12AX7, 1-50E5 and 35W4 rectifier. For 110-120 volt, 60 cycle AC. Color: charcoal with silver motif. Size 20x15 1/2 x 9". Shpg. wt., 29 lbs. **PH-165WX** Net 67.50

LAFAYETTE AUTOMATIC MONAURAL PHONOGRAPH

39⁹⁵

No Money Down



- British BSR 4-Speed Changer

Automatically plays all sizes and speeds of monaural records. Intermixes sizes of same speed. Plays 12" records with lid closed. Has tone and volume controls and on-off switch on changer. Automatic motor shut off and arm return after last record. Turnover Cartridge with dual sapphire styli. 5" Alnico V speaker. Beaded case in charcoal and white with matching silver-flecked Grill. Tubes 25C5, 6C4 and selenium rectifier. For 110-120 volt 60 cycle AC. Size 15 1/4 x 16 1/4 x 8 1/4". Shpg. wt., 20 lbs. **PH-166WX** Net 39.95

Big Savings in Table Radios!



• Exceptionally Sensitive

More for
Your Money,
ONLY

8⁹⁵

- Powerful 5-Tube Circuit
- Efficient Printed Circuit Chassis
- Long Range, Hi-Q Ferrite Antenna
- Electrical Safety Interlock, UL Power Cord

LAFAYETTE AM RADIO

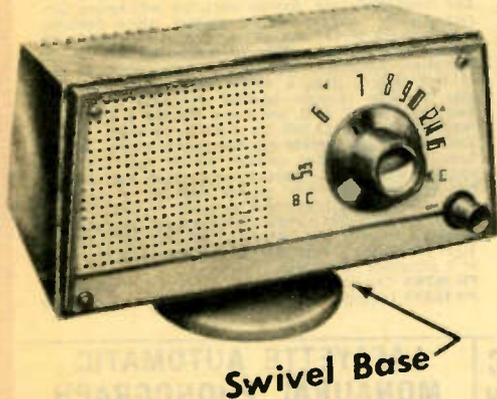
With **BIG SET POWER**
Fine, Full Tone

Double your listening pleasure by adding this as a "second" set in your home. Gives big set performance. Dependable built-in Hi-Q Ferrite antenna provides exceptional reception even in difficult reception areas. A 3 1/2" permanent dynamic speaker produces rich, full room tone. Sensitive direct drive tuning dial makes it easy to tune in your favorite AM programs. Convenient on/off volume control. Attractive impact case will not chip, crack or fade under normal conditions. Back completely enclosed with addition of safety interlock to prevent shock hazard. Convenient size — contemporary design. Tubes: 12BE6, 12BA6, 12AV6, 50C5, 35W4. Measures only 8Wx4 1/2Hx3 1/2"D. For 105-120 volts AC or DC. Shpg. wt., 2 1/2 lbs. Imported.

FS-254 Net 8.95

"CONTEMPORARY" AC/DC RADIO

Distinctive Style — Highest Quality — Incredible Price



Swivel Base

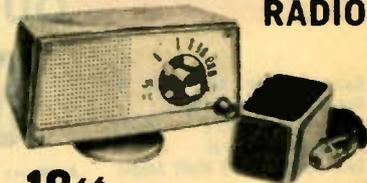
10⁹⁹

- Advanced Handwired Chassis
- Fingertip Tuning
- 5 Tubes For Peak Performance!
- Electrical Safety Interlock

A "better" 5 tube radio — engineered and styled to last. Petite, contemporary design maintains clean, good looks and peak performance. 5 tubes (2 dual purpose), plus a Hi-Q ferrite rod antenna pulls in more distant AM stations. 3 1/2" P.M. speaker, properly baffled in a sturdy, vented cabinet for clear tonal quality. Muted colors to match any color-scheme; gold trim. Pedestal base swivels for sound and reception directivity. Cabinet measures 8 1/2x4 1/4x4" overall. Tubes: 35W4, 50C5, 12AV6, 12BA6, 12BE6. For 117 V. A.C./D.C. Shpg. wt., 3 lbs. Imported.

Net 10.99

NEW! HOUSE N' CAR RADIO



18⁶⁶

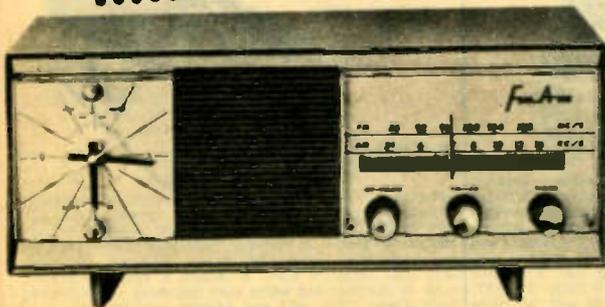
- Plays in Any 12V. Car or Boat or on 117V AC/DC
- No Installation — Just Plug in Lighter
- Needs No Outside Antenna
- Complete With Generator Condenser and Noise Suppressor

Play this radio anywhere! In the home — car — boat — trailer! Any place you can obtain a 12 V D.C. or 117 V AC/DC supply! The radio (our FS-233) and the new Dynamo Inverter form a customized package to suit a wealth of needs. You can even run your shaver in your car or boat! Shpg. wt., 5 lbs.

SP-229M Net 18.66

Completely Automatic!

LAFAYETTE FM/AM/CLOCK RADIO



Priced Below Many
AM only Clock Radios!

- Automatic Telechron Clock
- Wake-to-Music Plus Alarm
- Sleep-Switch; Lulls you to Sleep
- 600 Watt Appliance Outlet
- Electrical Safety Interlock
- Shielded To FCC Requirements

39⁹⁵

NO MONEY
DOWN

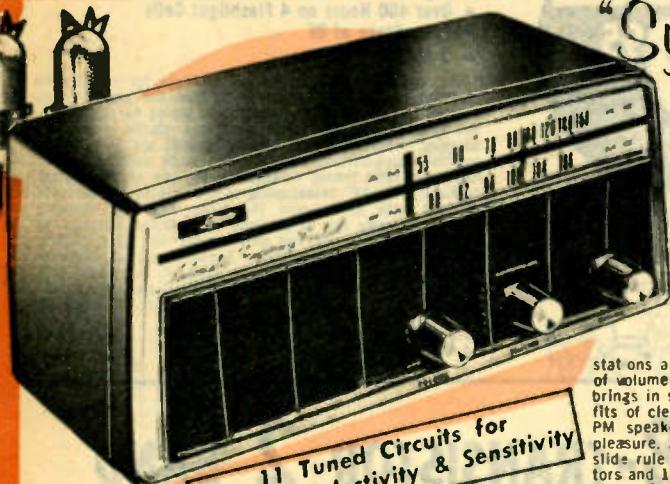
Combines a fully automatic Telechron clock with luminous hands and a superb FM/AM broadcast radio. Handy sleep-switch permits you to slowly drift-off to dreamland while the radio shuts itself off at a preset time. A buzzer alarm is included. In addition to a standard AM broadcast radio, a quality FM radio will expand your listening pleasure; has a 600 watt appliance outlet—useful to turn on the coffee pot, light, etc. Slide rule dial for easier tuning. Beautiful low boy plastic cabinet in antique white with gold trim. Tubes: 50C5, 12AU6, 12AL5, 12BA6, 12BE6, 17EW8 plus selenium rectifier. Size 14 3/4Wx6 1/4Hx6"D. 100-120v. 60 cy. AC only. Imported.

FS-239 Shpg. wt., 8 lbs. Net 39.95

HEAR the Quality—HEAR the Power in Lafayette FM/AM TABLE RADIOS



"Symphonette" Super Sensitive FM/AM TABLE RADIO



11 Tuned Circuits for
Superior Selectivity & Sensitivity

JUST
COMPARE
29⁵⁰
NO MONEY
DOWN
BUY ON TIME
SEE PAGE 381

- Drift Free Automatic Frequency Control
- 6 Tubes, 3 Diodes for 10-Tube Performance
- Latest Advanced Electronic Engineering
- Ultra-Sensitive Space Age Circuitry
- 3 Gang Tuning with RF Stage on AM & FM
- Built-in Hi-Q Antenna • Provision for Extension Speaker • Balanced 300 Ohm Antenna Input Terminal
- Shielded to Meet FCC Radiation Requirements

The Lafayette "Symphonette" is a complete AM/FM table model radio. Incorporating features found only in more expensive units, it brings the luxury of FM reception right to your fingertips. Improved AFC Action—by capacity variable diode, locks in stations and assures drift-free operation. Automatic Volume Control softens any sudden blasts of volume and makes tuning stations of different levels a cinch. A super-sensitive AM antenna brings in stations clearly while reducing unwanted noise. An FM wire antenna assures all benefits of clear, pure reception. Built-in input terminals for external 300 ohm FM antenna. The 4" PM speaker produces rich sound from low to high range to enhance your music-listening pleasure. A stylish polished plastic cabinet in distinctive black and white has an easy to read slide rule dial with an on-off neon indicator light. Contains 6 tubes, 1 varicap, 2 diode detectors and 1 silicon diode rectifier. An output jack on the rear of the radio permits simple plug-in connection of an extension speaker. For 110-120 volts, 60 cps AC or DC. Size: 10Wx5Dx5 1/2"H. Shpg. wt., 5 lbs. Imported
FS-221A

Net 29.50

NEW! LAFAYETTE "DUETTE" DUAL SPEAKER FM/AM TABLE RADIO



TOP
VALUE!
39⁵⁰
NO MONEY
DOWN

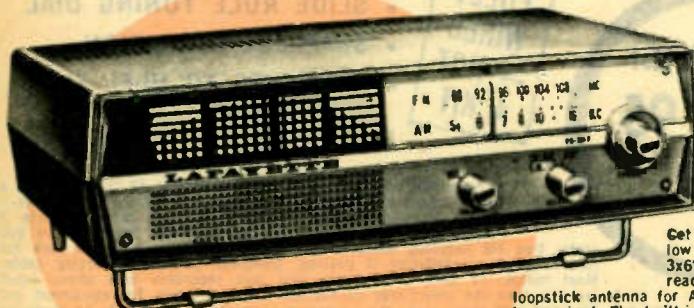
- Two 4-Inch PM Speakers for Full Dynamic Range
- 6 Tubes Plus 3 Diodes for Console Performance
- Built-in Hi-Q Antenna
- Beautiful, Oiled Walnut Fine Furniture Cabinetry
- External 300-Ohm Antenna Input Terminals
- AFC, AGC and RF Stage on FM and AM
- Provision for Extension Speaker

Here is a top quality FM/AM table radio. Dual, 4-inch PM speakers, in an acoustically correct cabinet, produce rich full-frequency sound on both FM and AM. Features improved AFC action which "locks-in" FM stations for drift-free reception; Automatic Volume Control to soften any sudden volume blasts and to make tuning stations of different levels easier. A super-sensitive AM antenna brings in distant stations clearly while reducing unwanted noise. An FM wire antenna is provided to assure all benefits of clear, pure FM reception. An external 300-ohm FM antenna can be attached to built-in input terminals for improved reception of distant stations. Beautifully finished Oiled Walnut cabinet and easy-to-read slide rule dial with an on-off neon indicator light. Contains 6 tubes, 1 varicap, 2 diode detectors and 1 silicon diode rectifier. Meets FCC requirements for radiation shielding. A receptacle on the rear of the radio allows easy, quick addition of an extension speaker. For 110-120 volts, 60 cps AC or DC. Size 17 1/2Wx7 3/4Hx 5 3/4"D. Shpg. wt., 8 lbs. Imported.
FS-246

Net 39.50

★ You'll Know It's The BEST
— The Moment You Hear It!

NEW! LAFAYETTE "MINUETTE" FM/AM Table Radio



TOP VALUE!
24⁵⁰
NO MONEY
DOWN!
EASY PAY PLAN
SEE PAGE 381

- 7 Tubes and 2 Diodes
- Tuned RF Stage — AFC — AVC
- 3x6" Oval Speaker — As Big As In Most TV Sets!
- "Private Listening" Earphone Jack
- 1 Watt Audio Output
- Low, Slim Appearance — Only 5 3/8" High

Get excellent reception and superb reproduction on both FM and AM from this low priced table radio. Tunes regular Broadcast Band and FM Band. Features a 3x6" oval speaker for rich, full sound. Large slide rule tuning dial is easy-to-read for accurate tuning. AFC provides drift-free reception on FM. Has built-in loopstick antenna for AM, and an integral FM antenna is provided—no unsightly external antenna is required. The built-in speaker is shut off when the external earphone (not supplied) is used for personal listening. Attractive contemporary ivory and black plastic cabinet. Tubes: 2-12DT8, 2-12BA6, 1-12BE6, 1-12V6, 1-35C5 plus 2 diodes. For 110-117 volts, 60 cps AC or DC. Size: 14 1/2Wx5 3/8Hx9"D. Shpg. wt., 9 lbs. Imported
FS-247
MS-591 Earphone. Shpg. wt., 8 oz.

Net 24.50
Net .79

ONLY 5 3/8" HIGH!

9-TRANSISTOR FM/AM PORTABLE RADIO with pushbutton controls



3 ANTENNAS

SENSATIONAL LOW PRICE

39⁹⁵

NO MONEY DOWN

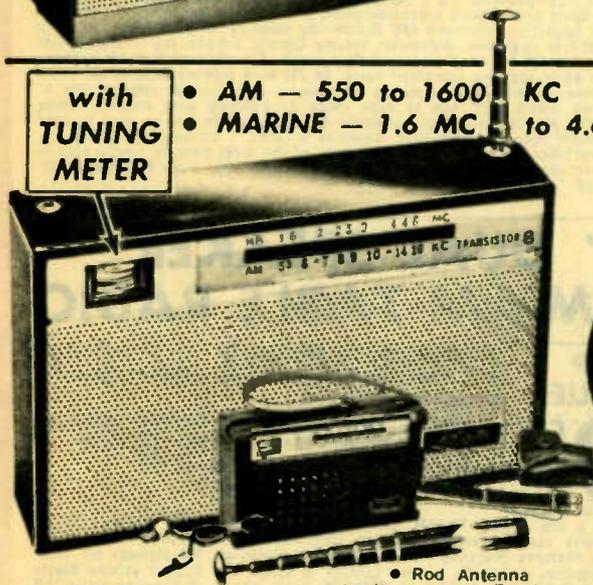
- 9 Transistors — 4 Diodes — 1 Varistor
- Big Tone 3x5" PM Speaker
- Over 400 Hours on 4 Flashlight Cells
- Extra Stage of RF
- 3 Antennas

This superb Lafayette radio will recreate for you all the glorious tones of thrilling, static-free FM programming as well as standard AM broadcasts. Styled for tomorrow, the FS-245 features a beautiful black plastic case with carrying handle. Off, FM, and AM modes are selected by positive push-buttons. A precision slide rule dial with high gear ratio tuning makes this set one of the easiest to tune. Two 22" telescoping antennas pull in most FM stations with ease while the large 3x5" PM dynamic speaker assures you of glorious tone. Other features include, built-in ferrite rod antenna for AM, tone control and 2 earphone output jacks. Sensitive circuit incorporates 9 transistors, 4 diodes, 1 varistor, automatic gain control. Four inexpensive "C" type cells power the unit. Complete with batteries and earphone. Size: 9 1/4"Wx5 3/4"Hx 2 1/2"D. Imported.
 FS-245L Shpg. wt., 4.5 lbs. Net 39.95
 BA-156 Extra Batteries for above. Net ea. 13
 (4 Required)



with TUNING METER

- AM — 550 to 1600 KC
- MARINE — 1.6 MC to 4.6 MC



8-TRANSISTOR 2 BAND AM/MARINE PORTABLE RADIO

ONLY **23⁹⁵**
NO MONEY DOWN

- Highly Sensitive Rod-Antenna Plus Built-in Ferrite Core Antenna
- Strong and Shock Resistant Plastic Case
- Covers .55 — 4.6 Mc
- Specially Designed Tuning and Battery Energy Indicator
- Earphone for Private Listening
- Practical Leather Case

This fine transistorized portable covers both the general broadcast band plus the 1.6-4.6 mc marine band. Your perfect listening companion even when at sea. A built-in antenna is used for the broadcast band and a telescoping antenna for the marine band. The telescoping antenna is readily detachable and may be carried in the same manner as a pocket pen. The receiver circuitry utilizes 8 transistors, 1 diode, and 1 Varistor Superheterodyne system with A.G.C. Also includes a specially designed tuning and battery energy indicator which allows you to check the strength of the batteries to assure maximum performance. The built-in speaker can be shut off by inserting an external earphone (supplied) for personal listening. Operates on 4 inexpensive Z cells giving up to 3 times longer life than ordinary 6 volt batteries. Comes complete with telescoping antenna, carrying case and earphone. Measures 5 1/2"x3 1/2"x1 1/2".
 FS-244L Shpg. wt., 2 lbs. Imported Net 23.95
 Replacement cells for FS-244L, 4 required. Shpg. wt., 4 oz.
 BA-155 Z cells Net ea. .095

LOWER PRICED THAN MANY AM ONLY 8-TRANSISTOR RADIOS

NEW! LAFAYETTE FM TUNER

with MULTIPLEX OUTPUT JACK



COMPARE!
16⁹⁵

FULLY WIRED — NOT A KIT

- SLIDE RULE TUNING DIAL
- SIMPLEST OPERATION
- CONNECTS TO HI-FI, TV or RECORDER

A Lafayette low cost exclusive! The Model FS-234 Tuner is a real compact beauty. Ideal for use as a "second" FM Tuner—perfect for Students and Teenagers. Just one cable connects it to your Hi-Fi amplifier, TV or tape recorder input to give you static free FM listening enjoyment. Features a built-in multiplex jack for future adaptor installation if desired. Complete with 1 connecting cable. Most radios, TV sets, phonographs and tape recorders have phono input jacks to take the shield-plug connection from the tuner. For equipment not provided with input jack, the necessary connections can easily be made by any serviceman. SPECIFICATIONS: Tuning Range: FM 88 to 108 MC. Controls on/off—volume, Tuning. Antenna: Provision for external twin lead antenna. Power: 110-125 VAC, 30 watts. Tubes: (2) 12BA6, 12DT8, 12AL5 and Silicon Diode. Size: 6 1/2"Wx4 1/4"Hx5 1/4"D. Imported
 FS-234 Shpg. wt., 4 lbs. Net 16.95

Deluxe "Super-6" Transistor Radio

Our BEST 6-Transistor Radio!

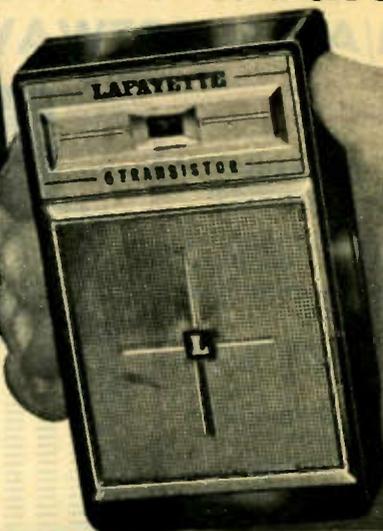


Complete with
Carrying Case
Earphone and
Battery

FABULOUS VALUE!

12⁹⁵

SUPER ECONOMY
— Play hours for 1c



★ **Tiny, Terrific — Take it Everywhere**

- 6 Transistors, 1 Diode, 1 Thermistor
- Lightweight and Compact
- 2 1/4" Speaker
- Earphone for Private Listening

This low-cost, attractively designed 6-transistor radio will give many hours of listening pleasure from a single 9v battery. Uses a 2 1/4" PM speaker for full distortion-free sound. Extremely lightweight (just 6 1/2 oz.) and compact, it can be carried anywhere. Has built-in ferrite bar antenna and trouble-free printed circuit board. Housed in an attractive black and gold plastic case. Comes complete with soft black leather carrying case, battery and earphone for private listening. Measures only 4Hx2 3/4Wx1"D. Shpg. wt., 1 1/4 lbs. Imported.

FS-248L Net 12.95
BA-2 Replacement Battery. Shpg. wt., 3 oz. Net .21

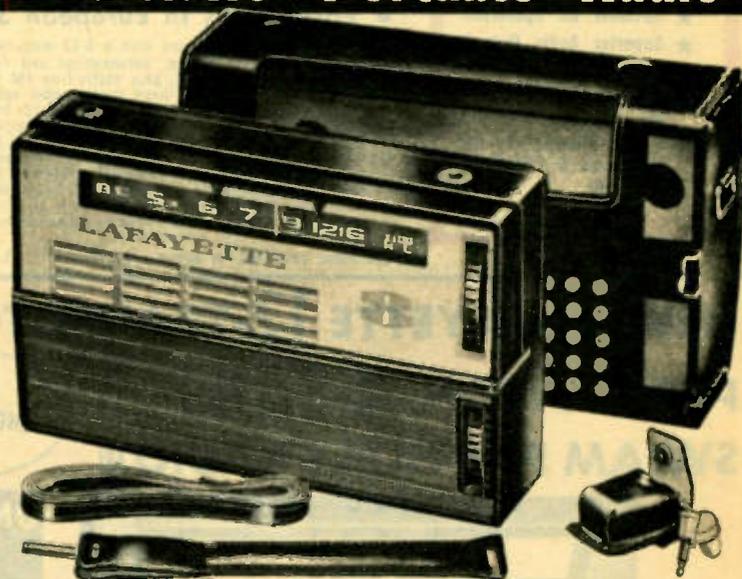
NEW! "GREAT-8" Deluxe Portable Radio

**More Pulling Power —
Better Sensitivity —
Clearer Reception**

Big 2 3/4" Dynamic Speaker for True Tonal Quality

- 8 Transistors, 1 Diode, 1 Thermistor
- Super-Sensitive Compact Portable
- Built-in Antenna plus Telescoping Antenna
- Complete with Leather Carrying Case with Strap, Antenna Case, Magnetic Earphone, Batteries

ONLY
15⁴⁴



Lafayette combines compactness, power and long-distance reception to give you hours of AM listening pleasure everywhere you go. The big 2 3/4" permanent dynamic speaker offers fine tonal quality and faithfully reproduces sound of music and voices. 8 transistors, 1 thermistor and 1 diode give you power to spare. Built-in ferrite bar antenna and 5-section telescoping antenna bring in the weaker stations. Plays on 4 inexpensive penlight batteries (included). Earphone jack with earphone for private listening. Complete with leather carrying case, 4 batteries, telescoping antenna with case, and earphone. Size: 3 3/4x1 3/4x5 3/4".
FS-253L Shpg. wt., 2 lbs. Imported Net 15.44
BA-155 Replacement Penlight Batteries (4 required) Net ea. .095

"TENSTAR" 10-TRANSISTOR PORTABLE RADIO

True Space Age Engineering with Sky-High Power

- 10 Perfectly Matched Transistors, 2 Diodes, 1 Thermistor
- Powerful Performance — Oversize Ferrite Antenna • Big Set Tone — 2 3/4" Speaker Acoustically Matched and Balanced • Batteries, Earphone, Leather Case Included

ONLY
22⁹⁵



**When Only
The Best Will Do!**

NO MONEY DOWN

A remarkable achievement in compact design. 10 transistors and 2 diodes provide brilliant performance—equal to table model sets. This means more stations, greater selectivity and sensitivity. Large, dynamic 2 3/4" speaker gives you big tone, indoors, outdoors—wherever you go. Plays for hours on 4 penlite cells carefully encased to protect set against battery acid corrosion. Fine quality leather cases are

included for the radio and separate earphone. Two controls for simplicity; volume-off and Tune. Easy-to-read vertical slide rule dial. Complete with batteries and earphone. Size: 3 1/4Hx6 1/2Wx1 3/4"D. Imported.
FS-129L Shpg. wt., 1.5 lbs. Net 22.95
Additional batteries for above.
BA-155 (4 required) Net ea. .095

LAFAYETTE 12-TRANSISTOR FM/AM/SHORTWAVE PORTABLE RADIO

NEW!

**COMPARE
the FEATURES!**

- ★ 12 Transistors — 4 Diodes — plus Varistor
- ★ 3 Bands FM-AM — SW (4-12 MC)
- ★ 3x5" Speaker — As Large As in Many TV Sets
- ★ High Efficiency—Space age Circuitry
- ★ Tuned RF Stage
- ★ Hi-Q Long Range Antennas
- ★ FM/AFC—Locks in Stations
- ★ Tone Control plus AGC
- ★ Optional AC operation
- ★ Superior Audio Output — more than 300 mw
- ★ Precise Sliderule Tuning
- ★ Plays Hundreds of Hours on 6 Flashlight Batteries



**ONLY
49⁹⁵**

**NO MONEY
DOWN**

- SAVE BATTERIES!
- Can be operated on AC House Current with Adapter (optional)

• Easily Pulls in European Stations!

Triple your listening pleasure with a 4-12 megacycle shortwave band which can pick up amateur (40 Meters), Police, aeronautical and Foreign stations; exciting programming from all parts of the world, plus static-free FM programs providing life-like music and voice comparable to many large table model radios. Receives AM too, gets excellent reception where lesser portables fail. The 12 Transistor 4 diode plus varistor super-heterodyne circuit with 7 section 29½" monopole FM antenna has extra sensitivity to bring in those distant stations. Heavy magnet 3x5" speaker provides rich full tone. Separate Tuning and Volume controls permit easy adjustment to individual taste. FM circuit has AFC switch to "lock-in" stations. Tone Control switch provides desired listening quality for voice or music on all bands and a Band Selection switch. Economical to operate—plays on 6 standard "C" cells or AC with adapter (optional at slight extra cost). Includes earphone and batteries. Dimensions: 9½"Wx5¼"Hx2¾"D.

Additional Batteries For Above. BA-156 "C" cell, 6 required Net 49.95 Net ea., .13

7⁹⁵



**LAFAYETTE
AC ADAPTER**

Rugged long-life design prolongs battery life by allowing set to be operated from 117V 60 cycle AC line. Can be used with both radios on this page. Size: 2¾"Wx2½"Hx5¼"D. Shpg. wt., 2½ lbs. Net 7.95

NEW! LAFAYETTE 12-TRANSISTOR PUSHBUTTON 4-BAND SW/AM PORTABLE RADIO

4 BANDS!!
AM BROADCAST
SHORTWAVE 1 : 1.6 — 4.5 MC
2 : 4.5 — 12 MC
3 : 12 — 24 MC



**ONLY
49⁹⁵**
NO MONEY DOWN

**SAVE BATTERIES
CAN BE OPERATED ON
AC HOUSE CURRENT
with ADAPTER (optional)**

- 2 Speakers • 3 Built-in Antennas — 2 Ferrite Rods plus Chrome Telescoping Whip • Tuned RF Stage • Big Easy-To-Read Slide Rule Dial • Fine Tuning Control • Tone Control • Complete with Batteries and Dynamic Earphone

★ Hear Europe! Ship-to-Shore! Aircraft! Police!

A really superb shortwave portable with more sensitivity and pulling power than many table model SW receivers. Four bands: Pushbutton selected AM Broadcast and 3 Shortwave Bands blanket the airwaves with the world's most interesting programs. Listen to Police, Maritime, Mobile Phone, WWV, 75, 40, 20 and 15 meter Amateur, Aircraft, and all the exciting and informative International Shortwave broadcasts from most anywhere in the world! Powerful shortwave broadcasts are beamed from every country in the world, many of them in the English language. Keep up-to-date with this super-set, 12 transistors, 2 diodes and a varistor comprise the main circuit elements of this well designed portable. Two dynamic speakers give fine tone for voice or music. Deluxe Controls include fast pushbutton band selection for all four bands, Main Tuning, Fine Tuning, Volume Control and Tone Control Switch. Includes 7 section 29 ½" chrome shortwave monopole antenna, ferrite AM antenna, ferrite booster antenna, earphone for private listening and six "C" batteries. Battery life can be greatly extended if set is run on standard AC house current (117v, 60 cycles) when used indoors. An adapter designed for this purpose is available at slight extra cost. Size: 10Wx4¼Hx2¾"D. Imported FS-252L Shpg. wt., 5 lbs. Net 49.95 Additional Batteries For Above. BA-156 "C" cell, 6 required Net ea., .13



Buy the EASY-WAY with EASY-PAY

NO MONEY DOWN

... up to 24 MONTHS TO PAY with **LAFAYETTE'S**

3-IN-1 EASY-PAY CREDIT PLAN

ONE OF THESE 3 PLANS SUITS YOU BEST:

- REGULAR PLAN.** No Money Down. Monthly payments as low as \$5. (See Easy-Pay Schedule below).
- E-X-T-E-N-D-E-D PLAN.** No Money Down, Up to 24 Months to Pay. (See Easy-Pay Schedule below).
- ALTERNATE 60-DAY PLAN.** No Credit Service Charge. Select the Regular or Extended Plan. Make your first payment within 30 days as scheduled. Pay the full balance if any remains, within 60 days of shipment and you automatically convert to the Alternate 60-Day Plan and **SAVE THE ENTIRE CREDIT SERVICE CHARGE.**

Lafayette's Easy-Pay Plan Makes It Easier For You To Buy Now . . .

10 TIMES EASIER

- IT'S EASY TO OPEN AN ACCOUNT.** Just fill in the agreement on the back of any order blank.
- IT'S EASY TO ORDER.** Use any regular Lafayette order blank. First order may be as low as \$20.
- NO DOWN PAYMENT.** Whether you pay within 60 days, or 24 months, you pay no money down.
- ONE LOW MONTHLY PAYMENT** buys anything Lafayette sells. (Pre-recorded tapes, records, and items intended for resale excepted.)
- IT'S EASY TO MAKE "ADD-ON" PURCHASES FOR ANY AMOUNT AT ANY TIME.** No need to pay your current balance in full before making "add-ons" . . . just add them to your account. No down payment, no minimum order, and in many cases no increase in monthly payments.
- IT'S EASY TO REDORDER AT ANY TIME.** Once your credit has been established you can re-order at any time . . . no minimum, no down payment.
- UP TO 24 MONTHS TO PAY.** No need to wait—buy what you want NOW, up to 24 months to pay.
- LOW CREDIT SERVICE CHARGES.** Easily and quickly seen on schedule below.
- SEND NO MONEY FOR 30 DAYS.** First instalment payment is not due until 30 days after shipment.
- NO WAITING FOR MONTHLY STATEMENTS.** You always know the exact amount of your balance.

Here's How To Open Your Easy Pay Account

Use the regular Lafayette order blank (more will be supplied upon request). Complete both sides of the form carefully, following the step-by-step instructions and illustration. Accuracy will speed handling of the form from the moment of receipt and permit immediate shipment upon approval of credit. Be sure to sign the agreement and indicate which Easy-Pay Plan you prefer — the liberal Regular or special Extended.

For both Plans, minimum order is \$20 and first instalment is not due until 30 days after shipment.

No Credit Service Charge for the alternate 60-Day Plan. For the Regular and Extended Plans, you are privileged to prepay the balance in full at any time to obtain a partial rebate of normal credit service charges.

Easy-Pay privileges are available to qualifying U.S. citizens or residents of all 50 States, Puerto Rico, Canada, and U.S. territories having comparable postal and express facilities. Any responsible individual over 21 years old with a steady source of income can apply.

"DOLLAR POWER PLUS"

You Get "DOLLAR POWER PLUS" with Lafayette's 3-IN-1 Easy-Pay Plan. One Low Monthly Payment Buys More For You.

| Monthly Payments FOR ONLY | Unpaid Balance (Total amount less down payment - if any) YOU CAN BUY UP TO |
|---------------------------|--|
| \$ 5 | \$100.00 |
| 6 | 120.00 |
| 7 | 140.00 |
| 8 | 160.00 |
| 9 | 180.00 |
| 10 | 200.00 |
| 11 | 225.00 |
| 12 | 250.00 |
| 14 | 275.00 |
| 15 | 300.00 |
| 17 | 350.00 |
| 19 | 400.00 |
| 22 | 450.00 |
| 24 | 500.00 |

For monthly payments on balances over \$500, please write us.

"EASY PAY PLAN" PAYMENT SCHEDULE

| If Unpaid Balance Is | Standard Plan | | Extended Plan | |
|----------------------|-----------------------|-----------------|--|-----------------|
| | Credit Service Charge | Monthly Payment | Credit Service Charge | Monthly Payment |
| UP to 20.00 | 2.00 | | | |
| 20.01 - 30.00 | 2.00 | 5.00 | Available only on orders with unpaid balances over \$50.00 | |
| 30.01 - 40.00 | 4.00 | | | |
| 40.01 - 50.00 | 5.00 | | | |
| 50.01 - 60.00 | 6.00 | 6.00 | 7.00 | 5.00 |
| 60.01 - 70.00 | 7.00 | 7.00 | 8.00 | |
| 70.01 - 80.00 | 8.00 | 8.00 | 9.00 | |
| 80.01 - 90.00 | 9.00 | 8.00 | 11.00 | |
| 90.01 - 100.00 | 10.00 | 9.00 | 13.00 | 6.00 |
| 100.01 - 110.00 | 11.00 | 10.00 | 15.00 | |
| 110.01 - 120.00 | 12.00 | | 17.00 | |
| 120.01 - 130.00 | 13.00 | | 19.00 | 7.00 |
| 130.01 - 140.00 | 14.00 | 11.00 | 21.00 | |
| 140.01 - 150.00 | 15.00 | 12.00 | 23.00 | 8.00 |
| 150.01 - 160.00 | 16.00 | 12.00 | 24.00 | |
| 160.01 - 180.00 | 18.00 | 13.00 | 27.00 | 9.00 |
| 180.01 - 200.00 | 20.00 | 14.00 | 30.00 | 10.00 |
| 200.01 - 225.00 | 22.50 | 15.00 | 34.00 | 11.00 |
| 225.01 - 250.00 | 25.00 | 16.00 | 38.00 | 12.00 |
| 250.01 - 275.00 | 27.50 | 17.00 | 42.00 | 14.00 |
| 275.01 - 300.00 | 30.00 | 19.00 | 45.00 | 15.00 |
| 300.01 - 350.00 | 35.00 | 21.00 | 51.00 | 17.00 |
| 350.01 - 400.00 | 40.00 | 24.00 | 58.00 | 19.00 |
| 400.01 - 450.00 | 45.00 | 27.00 | 66.00 | 22.00 |
| 450.01 - 500.00 | 50.00 | 30.00 | 73.00 | 24.00 |

On orders over \$500.00 credit service charge and payments will be in proportion to amounts shown on schedule.

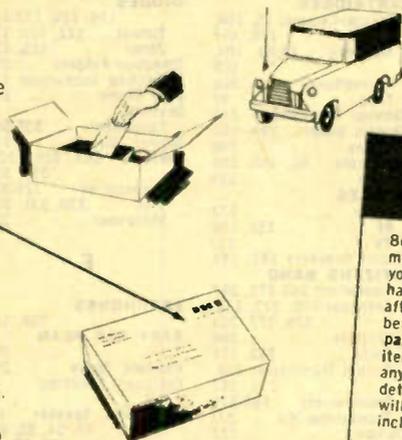
HOW TO RETURN MERCHANDISE

(Merchandise Returned Must be in New Condition)

We want you to be completely satisfied with every item you purchase from us. If there is an irregularity in your shipment and you find it necessary to return an item to us, follow these instructions:

PARCEL POST SHIPMENTS

- 1) Place all order papers, invoices, correspondence and your instructions in an envelope inside your package.
- 2) On the outside of your package, mark "First Class Mail Enclosed" (directly below the postage) and add an additional 4c postage. Do not send the letter separately; it will delay our speedy adjustment handling.
- 3) Pack the merchandise securely and send to:
Customer's Service Dept. LAFAYETTE RADIO
111 Jericho Turnpike, Syosset, Long Island, N. Y.
- 4) For your protection, report damaged receipts to your postman and enclose his report with your papers.



BY EXPRESS OR TRUCK

If your shipment is received damaged, obtain a report from your express agent or trucker, and mail to us. Wait until you receive our instructions on how to return. (NOTE - Merchandise not regularly stocked that has been ordered for you is NOT returnable for refund or exchange).

IF IT IS NECESSARY TO WRITE US:

Before writing, please compare papers or invoices with merchandise received. You will find explanations on your order papers about how your order has been handled. Sometimes merchandise arrives before or after order papers. Please wait until you have both papers concerning the order. Please give names of items, catalog numbers, quantity, color, price, and any special information you think necessary. The more details you give us, the more quickly your adjustment will be made. On Easy Payment orders, be sure to include your EP account number.

ORDERS FOR EXPORT SHIPMENT

Carefully fill out our order blank. Enclose with your order, check or draft; or remit International Postal Money Order or confirmed, irrevocable Letter of Credit. All payments should be in U.S. Dollars payable at U.S. Bank. Foreign currencies will be accepted at prevailing exchange rate when converted. Full payment should accompany order. Include 20% above merchandise value to cover international postage, insurance, consular fees and other export shipping costs, and crating charges when necessary. Slightly more should be allowed for heavy items and ocean

or air freight shipments. We credit your account for every cent not used, or refund balance upon request. Merchandise supplied packed in heavy, reinforced, corrugated cartons. All prices F.O.B. our Warehouse and subject to change without notice. We reserve the right to route order by the best method where order does not indicate routing or when method suggested is not possible or impractical. Items marked "Postpaid" refer only to shipments made to points within the eight U.S. Postal Zones.

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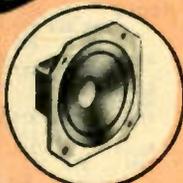
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