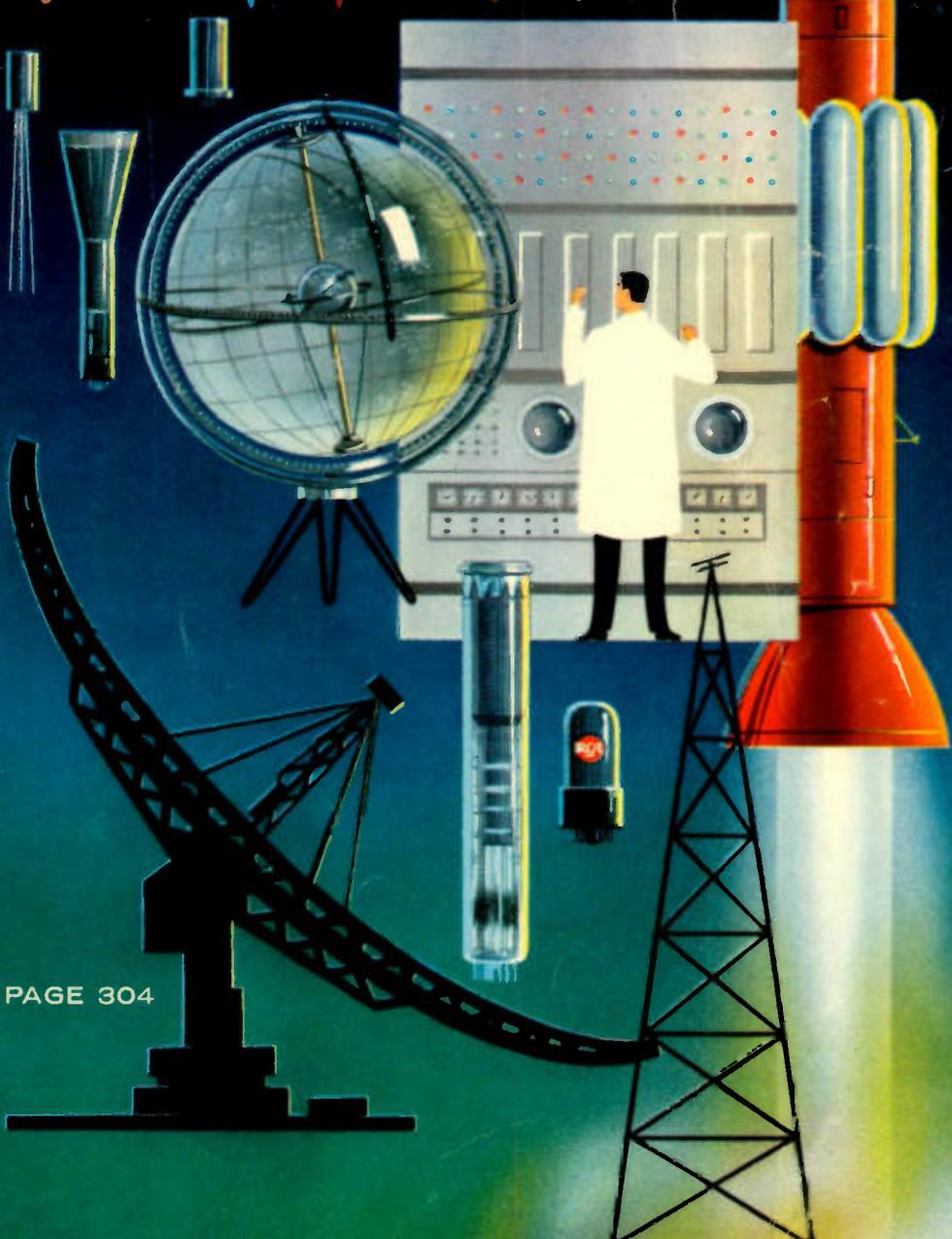


# LAFAYETTE *Electronics*

1960 CATALOG 600



OUR 39th YEAR



## *Lafayette* *Radio*

NEW MAIL ORDER AND SALES  
CENTER IN NEW YORK CITY

**165-08 LIBERTY AVENUE  
JAMAICA 33, NEW YORK**

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

### OTHER LOCATIONS

#### **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.

#### **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 6-718  
Open THURSDAY 'til 8:45 P.M.

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# A NEW WORLD OF SOUND..



Model LA-250 50 WATT

## The Lafayette "Stereo 250"

50 WATT INTEGRATED STEREO AMPLIFIER

- ★ Two 25 Watt channels—50 Watt Monophonic
- ★ Response 17 to 21,000 Cycles
- ★ Full Range Of Controls And Inputs
- ★ New, Handsome Styling

Lafayette's newest and most impressive stereo amplifier—the Model LA-250. Simplicity, versatility and handsome styling have been integrated by careful engineering in this moderately priced unit. It is a fine stereo preamplifier and 50 watt stereo amplifier combined, with all the necessary controls and inputs required to provide the utmost in listening pleasure in any stereo situation. And, because of its flexibility, you are also assured of the finest reproduction of monophonic sources—your built-in protection for your investment in monophonic records. Whether you use it as a stereo amplifier delivering 25 watts per channel or as a powerful 50 watt monophonic amplifier, you can be sure of true high fidelity reproduction—with no hum, noise or distortion to mar your pleasure. Check the features . . . compare . . . see why the LA-250 is worthy of a place in your high fidelity system.

### DELUXE FEATURES

**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.

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

**Mode Switching**—Two slide switches provide Normal Stereo-Reverse Channel-Man A (Channel A reproduced through both channels)—Man 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 far

reversed phase recordings sometimes found commercially.

**3 Pairs of High Level Inputs**—For connection of Crystal or Ceramic phono, Tuner, and auxiliary equipment.

**2 Pairs of Low Level Inputs**—For connection of magnetic 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 settings.

**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.

**Dramatic New Styling**—Attractive beige vinyl laminated steel cabinet. Handsomely designed brass anodized aluminum front panel. Sierra brown molded legs and matching knobs with polished brass inserts.

### ADVANCED AUDIO CIRCUITRY

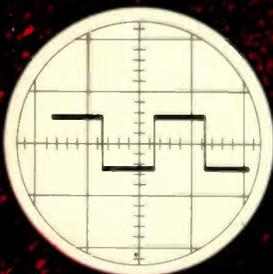
- DC applied to all preamplifier and tone control tubes for hum-free operation
- Correct RIAA equalization on phono inputs
- NARTB tape equalization on tape head inputs
- Individual bias and balance controls
- Hum balance control
- Excellent DC power supply regulation provided by silicon diodes
- Total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

### SPECIFICATIONS:

**POWER OUTPUT:** 25 watts per stereo channel (speech music rating), 50 watts monophonic. **FREQUENCY RESPONSE:** 17-21,000 cps  $\pm 1$  db (at normal listening level). **HARMONIC DISTORTION:** Less than 0.25%, 1M DISTORTION: Less than 1%. **HUM AND NOISE:** (At full volume). High Level—74 db below rated output, Low Level—54 db below rated output. **CHANNEL SEPARATION:** Better than 50 db. **SENSITIVITY:** For full output; high level inputs .7v, low level inputs 4 mv. **OUTPUT IMPEDANCE:** Dual 4, 8 and 16 ohm. **AUXILIARY OUTLET:** 1, switched. **TUBE COMPLEMENT:** 4-6CW5/EL86, 2-7199, 3-12AX7, 3 silicon diodes. **DIMENSIONS:** 14 1/2" w x 12 3/4" d x 5 1/2" h (with legs and knobs). **Shpg. wt., 26 lbs. LA-250WX—50 Watt Stereoa Amplifier.....Net 89.50**

89.50

COMPARABLE  
VALUE  
179.50



ENGINEERED  
FOR SUPREMACY BY

*Lafayette*

# THE MODERN MIRACLE OF STEREO!

Guaranteed Best Stereo System Buy

**A NEW COMPLETE STEREO SYSTEM BASED ON THE SUPERB LA-250... breathtaking performance at a price that only Lafayette can offer.**

**MATCHED COMPONENTS**

LAFAYETTE LA-250 50-WATT STEREO AMPLIFIER . . .	89.50
GARRARD RC121/11 STEREO CHANGER . . . . .	41.65
NEW GE VR-22 (.7 MIL) DIAMOND STEREO CARTRIDGE	24.45
LAFAYETTE WOOD CHANGER BASE . . . . .	3.95
2-LAFAYETTE SK-58 FAMOUS FREE EDGE 12" COAXIAL SPEAKERS at 29.50 EACH . . . . .	59.00

Regular Catalog Price ~~218.55~~

17.45 Down  
12.00 Monthly

**You Save  
44.05**

**174.50**

**T**his superb system will add a new dimension in living to your home with all the excitement and realism of a live concert. The new Lafayette LA-250 50-watt stereo amplifier (25 watts each channel) forms the heart of this outstanding stereo hi-fi phonograph music system—the features, versatility and advanced circuitry of this unit are second to none—all the necessary inputs and outputs are provided if you wish to add stereo tape and stereo FM/AM later. A unique blend control allows continuously variable channel separation—from full monaural to full stereo. Also included is the famous Garrard RC121/11 intermix 4-speed automatic record changer with full manual or automatic operation supplied with your choice of stereo cartridges—the new GE VR-22 (.7 mil) diamond stereo cartridge, Pickering 371.7D (.7 mil) diamond stereo cartridge, Shure M7D (.7 mil) diamond stereo cartridge or the new Electro-Voice 31MD7 (.7 mil) diamond stereo cartridge. Supplied with the Lafayette wood base cut for the RC121 in your choice of finishes.

These outstanding components are coupled with the 2-famous free-edge Lafayette SK-58 12" Coaxial speakers with built-in crossover network and brilliance level control. System supplied with plugs, cables and simple instructions. Shpg. wt., 67 lbs.

**HI-FI STEREO PHONO SYSTEM** with choice of cartridge and mahogany, walnut or blond changer base (please specify).

HF-681 WX 17.45 Down Net 174.50

**STEREO AM-FM-PHONO SYSTEM:** Same as HF-681 but including the new Lafayette LT-50 stereo tuner. Shpg. wt., 85 lbs.

HF-682 WX 25.75 Down Net 287.50

Same as HF-681, but with choice of 2-Lafayette Eliptoflex Series Bookshelf Enclosures or 2-Lafayette CAB-6 Series Resonator Enclosures (please specify cabinet model and finish). Shpg. wt., 143 lbs.

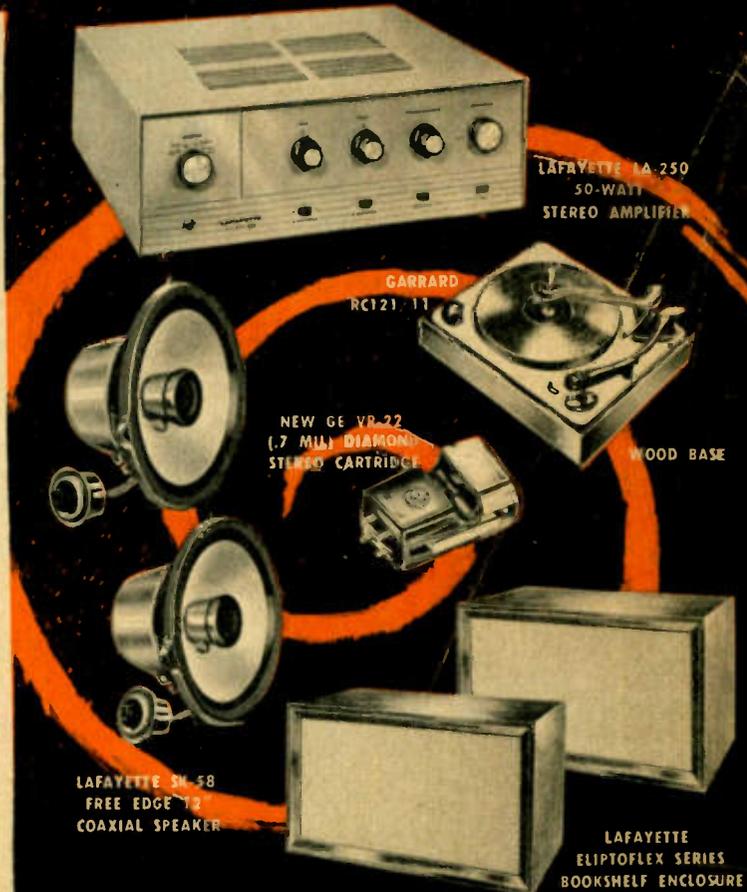
HF-683 WX 23.00 Down Net 229.95

Same as HF-681, except speakers furnished are 2-University 312. 12" 3-way speakers. Shpg. wt., 67 lbs.

HF-684 WX 23.75 Down Net 237.50

Same as HF-684, but with choice of 2-Lafayette Eliptoflex Series Bookshelf Enclosures or 2-Lafayette CAB-16 Series Resonator Enclosures (please specify cabinet model and finish). Shpg. wt., 143 lbs.

HF-685 WX 29.45 Down Net 294.50



LAFAYETTE LA-250  
50-WATT  
STEREO AMPLIFIER

GARRARD  
RC121/11

NEW GE VR-22  
(.7 MIL) DIAMOND  
STEREO CARTRIDGE

WOOD BASE

LAFAYETTE SK-58  
FREE EDGE 12"  
COAXIAL SPEAKER

LAFAYETTE  
ELIPTOFLEX SERIES  
BOOKSHELF ENCLOSURE

# LAFAYETTE extends helpful

... in stereo high fidelity



## TALK TO OUR EXPERTS

Are you suffering from "component confusion?" Do you need some sound advice on stereo? Whatever your problem, Lafayette can and will arrive at the solution — either by recommending separate components or complete systems. Our qualified consultants weekly answer thousands of high-fidelity questions — many similar to yours. Why not take advantage of this free, friendly service to get the best solution to your *specific* problem.



## LISTEN ... COMPARE

If you are in the area, a visit to Lafayette's sound studios for comparative component listening, is time well spent. This control panel—into which dozens of different components are wired—enables you to carefully, accurately match those components which will form the ideal system for your needs. This service pioneered by Lafayette—is your assurance that your system will be all you expect it to be.

## WRITE FOR SYSTEM-PLAN PRICES

If you wish to assemble a music system made up of components of *your own choice*, let Lafayette "price" the high-fidelity system you select. Just send us a list of the components you desire, and a special, money-saving package price will be sent to you promptly. Write today to our Audio Division, specifying the makes and models of the components you want priced. No charge or obligation, of course.

## 15-DAY HOME TRIAL

Whether you select one of the suggested complete Lafayette high-fidelity systems or a single component . . . whether you choose amateur equipment, precision scientific instruments, public-address systems, optical goods or tape recorders, you can be sure you're getting the best value in the industry . . . for two good reasons: *First*, Lafayette *guarantees* everything it sells. If for any reason you are not completely satisfied with your purchase once you get it home, you can return it within 15 days and get your full purchase price returned to you, less only transportation charges; *Second*, the price you pay is equal to or better than the lowest prevailing market price . . . and you can check to make sure.

# hands to serve you better

*... in everything electronic*



## THE FINEST ... THROUGH RESEARCH ... ENGINEERED BY LAFAYETTE

When you buy a Lafayette high-fidelity component or scientific instrument, you are getting outstanding equipment that incorporates the best features of units costing much more. These savings — without sacrificing quality — are made possible through the efforts of Lafayette's Research and Development Department ... a group of engineers and technicians whose constant search for perfection, whether in audio kits or telescopes, is but another reason why individuals and schools everywhere look to Lafayette for the finest in scientific equipment — at lowest cost.



## COMPLETE STOCKS ... COMPLETE COVERAGE

The tremendous Lafayette warehouses stock over 38,000 different parts, components and instruments. In addition to the usual transformers, capacitors, resistors and tubes, hard-to-get electronic parts and unique scientific instruments — and of course, everything in high fidelity — are available from this one great supply house. Whether you need a carton or a carload, send your order to Lafayette first!

## Better Service Is An Endless Quest at Lafayette

Finding ways to serve you better has been our never-ending task during the thirty-nine years we've been in business. We've learned a lot in that time. Just as the Lafayette salesman behind the counter in one of our stores attends to your requests carefully and cooperatively, so the man who fills your mail orders in our warehouse keeps your interests in mind. That's why when you buy at Lafayette, you get the neat, quick and economical efficiency of a scientific "supermarket". Start saving today ... the Lafayette way. Use this valuable catalog as your buying guide.



**ONE-DAY SERVICE** We believe that the main reason why you and customers like you keep coming back again and again is our understanding of your need for fast service. That's why we make sure your order is shipped within 24 hours! Every modern device to speed picking, packing and shipping of your order has been installed in our warehouse. We watch the clock for you.

# Lafayette STEREO SOUND

GIVES *NEW DIMENSION*

**UNCOMPROMISING QUALITY!**

## Lafayette STEREO 235

**35 WATT STEREO AMPLIFIER  
17½ WATTS PER CHANNEL**



**GUARANTEED  
ONE FULL YEAR**

**SUPER VALUE**  
\$ **69**<sup>50</sup>  
6.95  
Down  
**COMPARABLE  
VALUE 109**<sup>50</sup>

### *OTHER OUTSTANDING FEATURES:*

- **DUAL CONCENTRIC SEPARATE BASS AND TREBLE CONTROLS**
- **CLUTCH-OPERATED VOLUME-BALANCE CONTROLS**
- **HIGH SENSITIVITY FOR USE WITH NEW STEREO CARTRIDGES**
- **VARIABLE BLEND CONTROL ELIMINATES EXAGGERATED CHANNEL SEPARATION**

Superior in concept, design and performance, the new Lafayette LA-235 represents a new standard in stereophonic amplifiers. Every outstanding feature you could ask for in an amplifier has been provided—Completely versatile, this instrument may be used as a dual 17½ watt stereo amplifier or as a single monophonic 35 watt amplifier.

Engineered to deliver the finest performance under all conditions, an exclusive blend control has been incorporated, providing continuously variable channel separation from full monophonic to full stereo, thus insuring the correct degree of stereo separation for individual listening tastes and room acoustics. Concentric clutch-operated volume-balance controls provides individual or simultaneous level control for both channels.

Bass and treble are adjusted by means of separate dual-concentric controls for independent tonal control of each channel. Function switch provides Aux, Tape (high level) Tuner and Phono. Simple slide switches are provided for Power on-off, Phase Reverse, Channel Reverse.

**SPECIFICATIONS:** 17½ watts per channel, ±1 db, 35 watts ±1 db monophonic; Harmonic Distortion: Less than 1% at rated output; IM Distortion: Less than 2%. Frequency Response: 20 to 20,000 cps ±1 DB (at normal listening level); Tone Control Range: Treble ±10 db at 10 kc; Bass ±10 db at 50 cps. Sensitivity: For full power—High level inputs 0.5v. Mag. phono 4 mv at 1 kc. Hum and Noise: Volume control at max.—High level inputs 65 db below rated output. Mag. phono 55 db below rated output. Channel Separation: Greater than 40 db. Total: 10 Inputs 2 Aux, 2 Tape (high level) 2 Tuner, 2 Mag. Phono, 2 Crystal Phono; Total 4 outputs, 2 Tape Out, AC convenience outlet located on rear. Dual 8 and 16 ohms speaker outputs. Total of 9 tubes consisting of 4-EL84, 2-7199, 2-12AX7 and 1-GZ34. For 117 volts, 50/60 cps AC. Attractively styled in a rich brown vinyl cage with brass plated escutcheon and Ivory and gold knobs. Dimensions: 14"W x 4½"H x 9"D. Cover and legs may be removed for panel mounting. Shpg. wt., 22 lbs.

**LA-235WX** ..... 6.95 Down ..... **Net 69.50**

ENJOY A NEW REALISM IN SOUND WITH LAFAYETTE STEREO HI-FI

TO THE *MUSIC OF THE MASTERS!*

# Lafayette COMPLETE STEREO PHONO SYSTEM

Bring the full beauty, and realism of stereo sound into your home with these matched Lafayette components—Carefully selected and matched by experts, rigidly engineered and manufactured to the most exacting specifications . . . . each component has been completely evaluated by comparative laboratory and listening tests in order to provide the utmost in flexibility, quality and value.

- Heart of the system is the new LA-235 35 watt stereo amplifier which acts as a complete stereo control center. Designed with the future in mind all necessary inputs are provided if you wish to add stereo tape and/or stereo FM/AM later.
- The famous Garrard RC 121 4-speed automatic record changer is supplied with an attractive wood base in your choice of finishes.
- The new GE VR-227 stereo cartridge insures perfect reproduction throughout the full audio range from 20-17,000 cps.
- Two of Lafayettes new SK-128 Ultra-Linear famous full range 8-inch dual speakers featuring the most advanced speaker design available, complete this excellent system.

## COMPONENTS

● LAFAYETTE LA-235 35 WATT STEREO AMPLIFIER	69.50
● GARRARD RC 121 4-SPEED RECORD CHANGER	41.65
● NEW GE VR-22 (.7 MIL) DIAMOND STEREO CARTRIDGE	24.45
● WOOD BASE FOR RC121 (SPECIFY FINISH)	3.95
● 2-LAFAYETTE SK-128 FULL RANGE 8" DUAXIAL SPEAKERS	39.00

Regular Catalog Price **178.55**

**You Save 38.60**

Sk-128

**ALL MATCHED COMPONENTS**

**\$139<sup>95</sup>**

13.99 Down



Complete Stereo phono system as listed above. Shpg. wt., 46 lbs.  
**HF-725WX** . . . . .13.99 Down . . . . .Net **139.95**

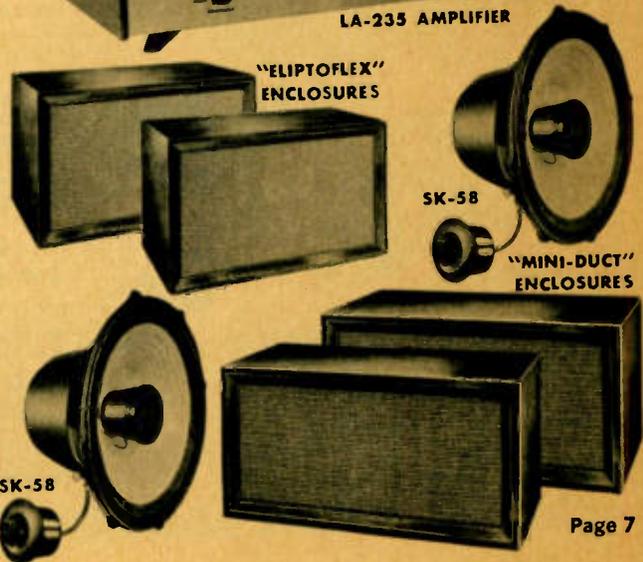
Same as HF-725 WX, with the addition of 2-Lafayette amazing "Mini-Duct" Bookshelf Enclosures (Specify Enclosure Finish' Shpg. wt. 92 lbs.  
**HF-726WX** . . . . .18.25 Down . . . . .Net **182.45**

Same as HF-725WX, but with 2-Lafayette Famous SK-58 Free Edge 12" 2-way speakers. Shpg. wt., 58 lbs.  
**HF-727 WX** . . . . .16.30 Down . . . . .Net **162.95**

Same as HF-727WX, with the addition of 2-Eliptoflex Bookshelf Enclosures (Specify Enclosure Finish) Shpg. wt., 106 lbs.  
**HF-728WX** . . . . .21.30 Down . . . . .Net **212.95**



● **SELECT YOUR OWN CARTRIDGE** ● You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

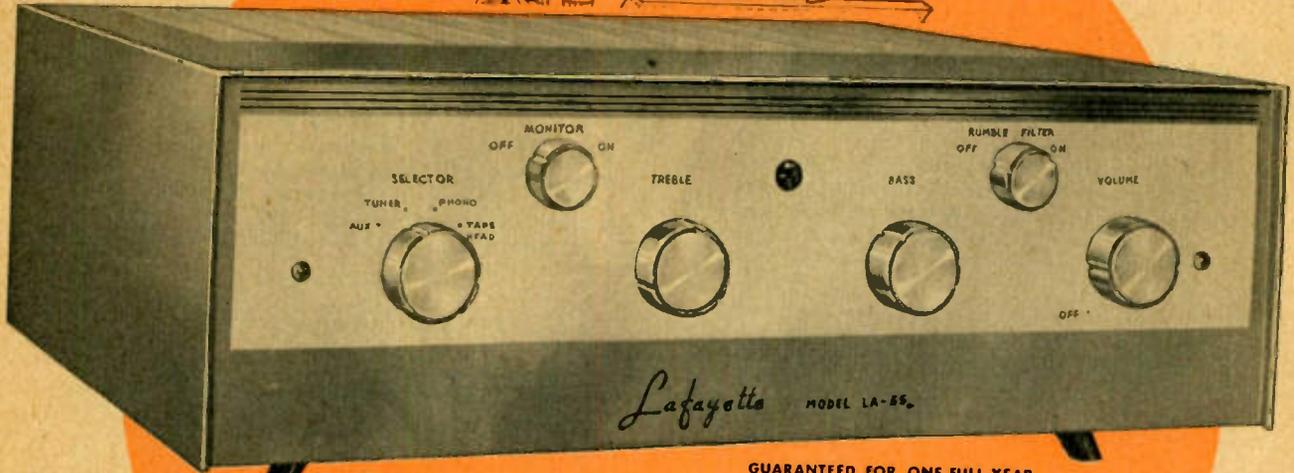


# New! LAFAYETTE LA-55 15 WATT MONAURAL AMPLIFIER

- FREQUENCY RESPONSE: 20-20,000 CPS
- POWER OUTPUT 15 WATTS
- SENSITIVITY: 3 MV MAG. PHONO
- HUM 65 DB BELOW RATED OUTPUT
- HARMONIC DISTORTION LESS THAN 1%



- 5 INPUT CHANNELS
- RUMBLE FILTER
- EL84 OUTPUT TUBES IN PUSH-PULL
- BEAUTIFULLY STYLED



GUARANTEED FOR ONE FULL YEAR

## The Most Extraordinary Hi-Fi Value Ever Offered

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 monofonic 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 making a worthwhile contribution to hi-fi reproduction . . .

**39.50**  
COMPARABLE  
VALUE **69.50**

LOOK AT THESE SPECIFICATIONS AND FEATURES: Power Output 15 watts (speech and music rating); Frequency Response 20-20,000 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 1%. 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-AU6, 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 $\frac{1}{2}$ " W x 4" H x 8 $\frac{3}{4}$ " D. Knobs extend  $\frac{1}{4}$ " in front of panel. Shpg. wt., 20 lbs.

Net 39.50

5.00 DOWN  
5.00 MONTHLY

## 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 COMPETE AMPLIFIER	39.50
NEW GE VR-22 (.7 MIL) DIAMOND CARTRIDGE FOR BOTH STEREO AND MONAURAL RECORDS	24.45
WOOD BASE FOR RC 121 (Specify Finish)	3.95
GARRARD RC-121 4-SPEED RECORD CHANGER	41.65
LAFAYETTE SK-128 FULL RANGE 8" DUAXIAL SPEAKER	19.60

Regular Catalog Price ~~129.45~~

LAFAYETTE SYSTEM PRICE **99.50** YOU SAVE **29.65**

9.95 DOWN  
8.00 MONTHLY

Complete monaural phono system as listed above. Shpg. wt., 39 lbs.  
**HF-719WX** . . . . .9.95 Down . . . . .NET 99.50  
 Same system as HF-719WX, with the addition of Lafayette's Amazing "Mini-Duct" Bookshelf Enclosure (Specify Finish). Shpg. wt., 62 lbs.  
**HF-720WX** . . . . .11.95 Down . . . . .NET 119.50  
 Same system as HF-719WX, but with famous Lafayette SK-58 free-edge 12" 2-way speaker. Shpg. wt., 45 lbs.  
**HF-721WX** . . . . .10.95 Down . . . . .NET 109.50

Same system as HF-721WX, with the addition of the revolutionary "Elliptaflex" Bookshelf Enclosure (Specify Finish). Shpg. wt., 69 lbs.  
**HF-722WX** . . . . .13.90 Down . . . . .NET 139.00  
 Same system as HF-719WX, with the addition of the Lafayette LT-80 FM Tuner. Shpg. wt., 56 lbs.  
**HF-723WX** . . . . .14.70 Down . . . . .NET 147.00  
 Same system as HF-721WX, with the addition of the Lafayette LT-80 FM Tuner. Shpg. wt., 80 lbs.  
**HF-724WX** . . . . .15.70 Down . . . . .NET 157.00



LAFAYETTE LA-55



GARRARD RC-121



LAFAYETTE SK-128 8" DUAXIAL SPEAKER

LAFAYETTE "MINI-DUCT" BOOKSHELF ENCLOSURE



LAFAYETTE LT-80



GE VR-22 (.7 MIL) DIAMOND CARTRIDGE

**AMAZING  
VALUES!**

*Lafayette*

**FM-AM  
STEREO TUNER**

**MODEL LT 77**

*Truly a triumph of engineering skill*

... Simplicity, flexibility and superb styling have been carefully integrated in this quality instrument. Offering tremendous versatility, the LT-77 will receive the new simultaneous FM-AM stereophonic broadcasts or since the FM and AM sections are completely independent, the tuner may also be employed for FM or AM reception separately. Designed with the future in mind . . . a multiplex output has been included for the new stereo FM. Each unit has been hand wired and individually laboratory tested.

Controls provide for every tuner function. On-off power switch; Separate AM/FM flywheel tuning; Individual AM/FM volume controls; Choice of AM, FM, FMAFC or stereo reception. FM circuitry features Armstrong grounded grid low noise front end and triode mixer coupled with tuned dual limiters, Foster-Seeley discriminator with AFC and AFC defeat. FM Sensitivity of 1.5 uv for 20 db quieting insures long range reception. Superhet AM circuit with 3 stages AVC and ferrite loopstick antenna. Individual 3-gang tuning condenser and tuned RF stages for both AM & FM sections. Selectivity: FM 200 KC band width 6 db down, AM 8 KC BW; 6 db down. Frequency Response: FM 20-20,000 cps  $\pm$  1/2 db, AM 20-5,000 cps  $\pm$  3 db; Harmonic Distortion under 1% on FM; under 1% on AM for up to 80% modulation. Hum Level—60 db. Image Rejection: FM, better than 40 db AM 70 db. I.F. Rejection: FM 70 db, AM 50 db Radiation meets FCC requirements. Tubes: 2-6AQ8, 4-6BA6, 2-AU6, 1 each 6BE6, 6AL5 and 6X4 plus diode detector. Antenna Input: 300 ohms.

Superbly styled low silhouette enclosure finished in gold and white with easy to read black dial face. Complete with cage and legs. Dimensions: 14 1/2" W x 4 1/2" H x 10 1/2" D Feet add 3/4" to height. Shpg. wt., 16 lbs.

LT 77 AM-FM STEREO TUNER 7.45 Down 7.00 Monthly... NET 74.50

- 14 TUBE PERFORMANCE—10 TUBES (2-DUAL PURPOSE) + RECTIFIER + DIODE & 2-TUNING METERS ● ARMSTRONG CIRCUIT WITH DUAL TUNED LIMITERS AND FOSTER—SEELEY DISCRIMINATOR
- FM AFC AND AFC DEFEAT ● EXTREME SENSITIVITY AND WIDE FREQUENCY RESPONSE ● TUNED GROUNDED GRID R.F. STAGE ON AM & FM ● MULTIPLEX OUTPUT ● FLY WHEEL TUNING ● AM FEATURES BROADBAND TUNED I.F. STAGE ● 2—3 GANG CONDENSERS
- INDIVIDUAL VOLUME- BALANCE CONTROLS FOR AM & FM

**WEAK SIGNAL—  
STRONG SIGNAL . . .**  
Lafayette's separate, precision twin - tuning meters for FM and AM insure pin-point tuning accuracy every time



Delivery Approximately  
Nov. 5, 1959



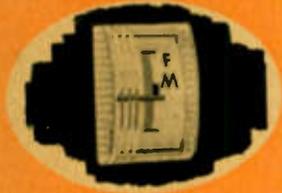
**74<sup>50</sup>**  
**COMPARABLE VALUE 139<sup>50</sup>**

**GUARANTEED FOR ONE FULL YEAR**

**NEW**

**49<sup>50</sup>**  
**COMPARABLE VALUE 89<sup>50</sup>**

Delivery  
Approximately  
Oct. 18, 1959



Pin-point tuning accuracy is provided by this precision tuning meter; evaluates relative strength of the incoming signal . . . . . invaluable when tuning weak stations.

- ARMSTRONG CIRCUIT FOSTER-SEELEY DISCRIMINATOR AND DUAL TUNED LIMITERS
- EXTREMELY SENSITIVE—1.5 UV FOR 20DB QUIETING
- 10-TUBE PERFORMANCE—8 TUBES (2-DUAL PURPOSE)
- 20-20,000 CYCLES  $\pm$  1/2 DB ● AFC
- AFC DEFEAT ● SUPERB LOW SILHOUETTE STYLING

*Lafayette* **FM TUNER**  
**MODEL LT 80**

Remarkable . . . . . quality, performance and styling that is in every respect the equal and in many instances superior to tuners priced for above the modest cost of this instrument. The same sensitive FM circuit employed in the LT-77 AM-FM Stereo Tuner (Specifications as listed above) has been incorporated in the LT-80 . . . . . designed and constructed of the finest components, with jewel like precision (each unit is hand wired) in order to insure that each tuner will maintain its excellence year after year with a minimum of maintenance. Making every attempt to anticipate the requirements of the future, Lafayette designers have included a multiplex output for the new stereo F.M. broadcasts. Controls consist of On-Off; FM; FM AFC and FM MEX. Flywheel action tuning control provides velvet-smooth tuning action. Tube compliment consists of 2-6AQ8, 2-6BA6, 2-6AP6, 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 1/2" W x 8" D x 4 1/2" H Legs add 3/4" to height. Shpg. wt., 11 lbs.

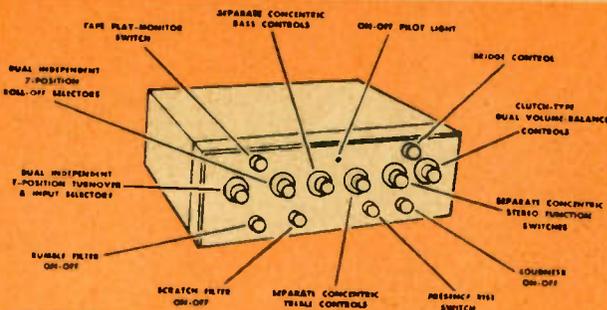
LT 80 FM STEREO TUNER . . . . . 5.00 Down 5.00 Monthly . . . . . NET 49.50

# OUTSTANDING STEREO MUSIC SYSTEMS...



GUARANTEED FOR ONE FULL YEAR

MODEL LA-600



## Lafayette PROFESSIONAL STEREO PREAMPLIFIER AND MASTER AUDIO CONTROL CENTER

All the Versatility of A Broadcast Studio Control Console

134<sup>50</sup>

SOLVES EVERY STEREO AND MONAURAL CONTROL PROBLEM

The LA-600 represents one of the most brilliant audio achievements since the advent of stereo. This "no compromise" stereo preamplifier and control unit offers unlimited versatility... includes every feature necessary for the very finest reproduction — truly a masterpiece of audio design. Already in use professionally, the LA-600 has been overwhelmingly acclaimed by those who own it as the finest stereo preamplifier available — at any price! It has a total of 12 input jacks (6 stereo pairs) for program sources of any type and any level — all of which may be selected by a front panel control. Separate Turnover and Roll-Off switches provide 24 positions of correct equalization — independently adjustable on each channel. A dual concentric Stereo Function selector provides extreme flexibility in the control of your selected program sources — there is practically no mode of operation which cannot be provided by these two switches. A unique Bridge Control provides continuously variable channel separation from full monaural 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. Additionally, this control may be used to balance channels by means of an audible "null" — for more accurate than metered Low impedance cathode follower outputs are provided for connection to two basic amplifiers (or stereo amplifier) and in addition to the 3rd channel output, there are two tape output jacks for recording purposes. Other features include: 4 dual concentric input level controls; Presence Rise switch; Individual Bass and Treble controls for each channel; Rumble Filter; Scratch Filter; Loudness switch; Tape Play-Monitor switch.

**SPECIFICATIONS**  
 FREQUENCY RESPONSE: 5,40,000 cps ± db. DISTORTION: Less than 0.05% 1M of 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;

- 6 Concentric Front Panel Controls
- 4 Concentric Rear Panel Input Level Controls
- Inputs for Any And All Program Sources
- 3rd Channel Controlled Output
- Noise-Free, Hum-Free, Distortion-Free
- Variable Channel Separation
- Precise "Null" Stereo Balancing
- Response 5-40,000 cps
- Less Than .05% 1M Distortion
- Less than .1% Harmonic Distortion
- Low Level Sensitivity 2.2 mv For 1 volt Out
- Hum & Noise Better Than 80 db Below 2.0 Volts On High Level Inputs
- 24 Separate Equalizations on Each Channel
- Uses Special Low-Noise Resistors

Tape Head inputs 1.8 mv for 1 volt out. HUM AND NOISE: High level inputs: better than 80 db below 2.0 volts, low level inputs better than 62 db below 2.0 volts. INPUT IMPEDANCES: High level—250K ohms; Mag—96K ohms; Ceramic—96K ohms in series with 48μf; Tape Head—470K ohms. OUTPUT IMPEDANCES: Main Outputs—1500 ohms; Tape Outputs—2700 ohms; Bridged Output—1100 ohms. TONE CONTROL RANGE: Bass ±15 db at 30 cps; Treble ±15 db at 10 Kc. RUMBLE FILTER: 12 db/octave slope, down 15 db at 30 cps. SCRATCH FILTER: 12 db/octave slope, down 15 db at 15 Kc. 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: 14" W x 4-13/16" H x 11 1/2" D, not including projections. Shpg. wt., 16 lbs.

Net 134.50  
 Model LA-600WX ..... 13.45 Down ..... Net 134.50



Lafayette LA-600

ONLY 314<sup>95</sup>  
 YOU SAVE 35.00



Lafayette LA-310



Glaser-Steers GS-77



2—Lafayette SK-58 speakers.



NEW GE VR-22 1.7 MIL STEREO CARTRIDGE WITH DIAMOND STYLUS

## Lafayette CUSTOM STEREO PHONO SYSTEM

- Professional Stereo Preamp and Control Center
- 36 Watt Stereo Power Amplifier
- Precision 4-Speed Stereo Changer
- Stereo Cartridge-Diamond Stylus
- Top Performing Speakers

This magnificent stereo music system offers a realism in sound that is unmatched outside the concert hall. It is also priced to save you money over the total cost of the same individual components if purchased separately — and, because they are perfectly matched, you are assured of peak audio performance. System is ready for use after simple installation and interconnection — everything is supplied. System includes: Lafayette LA-600 Professional Stereo Preamplifier and Control Center; Lafayette LA-310 36 Watt Stereo Power Amplifier, with 18 watts each channel; Glaser-Steers GS-77 4-Speed Stereo Changer (less base); GE VR-22 Compatible Stereo Cartridge with .7 mil diamond stylus; 2—Lafayette SK-58 12" Coaxial Speakers. Complete with cables, connectors, and installation instructions. For 105-120 volts 60 cps AC. HF-699WX HI FI STEREO SYSTEM as described above. Shpg. wt., 73 lbs.

HF-699WX	31.50 Down	Net 314.95
Same as HF-699WX, but with choice of 2—Lafayette Elliptoflex Series Bookshelf Enclosures or 2—Lafayette CAB-16 Series Resonator Enclosures (Please specify cabinet model and finish). Shpg. wt., 149 lbs.		
HF-710WX	37.25 Down	Net 372.25
Same as HF-699WX, but with 2—Lafayette SK-110 12" 3-way speakers in place of 2—Lafayette SK-58 speakers. Shpg. wt., 91 lbs.		
HF-711WX	34.25 Down	Net 341.95
Same as HF711WX, but with choice of 2—Lafayette Elliptoflex Series Bookshelf Enclosures or 2—Lafayette CAB 16 Series Resonator Enclosures (Please specify cabinet model and finish). Shpg. wt., 167 lbs.		
HF-712WX	39.95 Down	Net 399.25
PK-350W—Woodbase for Glaser-Steers GS-77		Net 9.60

• SELECT YOUR OWN CARTRIDGE • You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

• CHOICE OF RECORD CHANGER • You may select, at no additional cost, the Garrard RC-88, Glaser Steers GS-77, or Collura TC-99 in any system that includes one of the above changers.

LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE

Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

STEREO SYSTEMS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

# LAFAYETTE RECOMMENDED G.E. STEREO HI-FI PHONO SYSTEMS

## NEW GENERAL ELECTRIC 40-WATT STEREO PHONO SYSTEM

Centering around the new GE G-7600 40-Watt stereo complete amplifier, this system is designed to meet the demand for an outstanding stereo phono system. Every advanced feature has been incorporated in this deluxe quality system that brings you thrillingly realistic sound reproduction.

COMPONENTS	
GE G-7600 40-WATT STEREO AMPLIFIER	137.15
COLLARO TSC-740E CHANGER WITH SHIELDED MOTOR (less Base)	41.65
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-GE G-501 SPEAKER SYSTEM @ 83.30	166.60
(501-M Mahogany; 501-C Cherry; 501-E Ebony. Please specify finish.)	
Regular Catalog Price	369.85

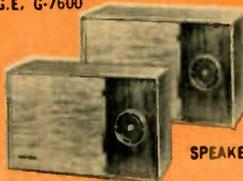
**LAFAYETTE SYSTEM PRICE** **295<sup>88</sup>**  
 29.59 Down 17.00 Monthly  
**You save 73.97**

Complete stereo system as listed above. Shpg. wt., 99 lbs.  
 HF-625WX ..... 29.59 Down ..... Net 295.88  
 For Record Changer Base, See Index.

Some as HF-625 WX, plus GE FA-17 FM-AM Tuner finished in saddle brown, or FA-15 Tuner in beige, or FA-16 in white. Shpg. wt., 114 lbs.  
 HF-626WX ..... 40.55 Down ..... Net 405.48



G.E. G-7600



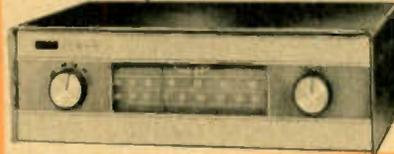
2-GE G-501  
SPEAKER SYSTEMS



NEW GE VR-22 (.7 MIL)  
STEREO CARTRIDGE  
WITH DIAMOND STYLUS

COLLARO  
TSC-740E

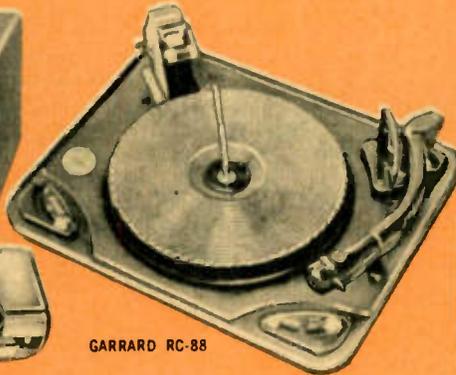
### OPTIONAL TUNER GE FA-17



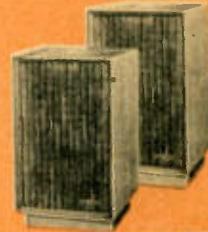
## NEW GENERAL ELECTRIC 56-WATT STEREO PHONO SYSTEM



GE G-7700, G-7710

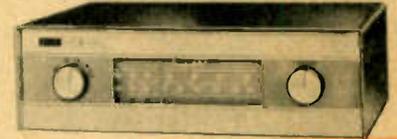


GARRARD RC-88



2-GE G-506  
SPEAKER  
SYSTEMS

### OPTIONAL TUNER GE FA-17



NEW GE VR-22 (.7 MIL)  
STEREO CARTRIDGE WITH  
DIAMOND STYLUS



This combination is truly a fabulous system for listening to stereo records. Here is styling so inviting that it lends itself to any decorating scheme. With this combination, you are assured of superb high fidelity performance combined with versatility of operation.

### COMPONENTS

GE G-7700 or G-7710 56-WATT STEREO AMPLIFIER	186.15
(G-7700-beige, G-7710-white, please specify finish).	58.31
GARRARD RC-88 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2 - GE G-506 SPEAKER SYSTEMS @ 127.35	254.70
(M - Mahogany, B - Blonde, C - Cherry, W - Walnut. Please specify finish.)	
Regular Catalog Price	523.61

Complete stereo system as listed. Shpg. wt., 143 lbs.  
 HF-627WX ..... 41.89 Down ..... Net 418.89

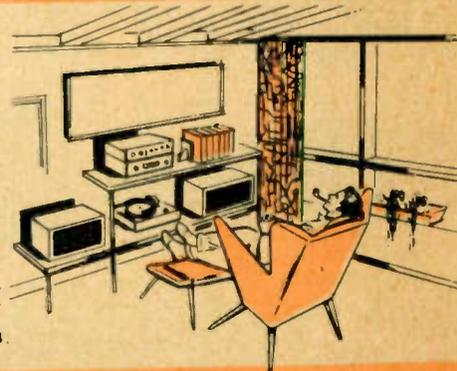
For Record Changer Base, See Index.

Same as HF-627WX, but with 2 Lafayette SK-58 12" speakers instead of the GE G-506 speaker systems and choice of either 2 Lafayette Eliploflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 117 lbs.

HF-628WX ..... 32.45 Down ..... Net 324.50

Same as HF-627WX, plus GE FA-17 FM-AM Tuner finished in saddle brown, or FA-15 finished in beige, or FA-16 finished in white. Shpg. Wt., 158 lbs.  
 HF-629WX ..... 52.28 Down ..... Net 522.84

**LAFAYETTE SYSTEM PRICE** **418<sup>89</sup>**  
 41.89 Down 24.00 Monthly  
**You save 104.72**



### LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE

Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

● CHOICE OF RECORD CHANGER ● You may select, at no additional cost, the Garrard RC-88, Glaser Steers GS-77, or Collaro TC-99 in any system that includes one of the above changers.

STEREO SYSTEMS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# Lafayette

# RECOMMENDED

harman kardon



HARMAN-KARDON A220



COLLARD TSC-640E

NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS

ALTERNATE SPEAKER SYSTEMS



Lafayette CAB-47WX



2 Lafayette SK-128WX speakers



2-LAFAYETTE SK-124 SPEAKER SYSTEMS



Harman-Kardon T-230

## HARMAN-KARDON 20-WATT STEREO PHONO SYSTEM

There's no need to wait for stereo. Choose this top-economy music system now, and enjoy savings on the individual components. Carefully selected by Lafayette audio experts, this matched system brings you true realistic sound and at a price that fits any budget.

COMPONENTS

HARMAN-KARDON A220 20-WATT STEREO AMPLIFIER	79.95
COLLARD TSC-640E CHANGER (Less Base)	37.73
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-LAFAYETTE SK-124 SPEAKER SYSTEMS @ 17.50 (please specify finish)	35.00
Regular Catalog Price	177.13

LAFAYETTE SYSTEM PRICE **139.95**

14.00 DOWN 10.00 MONTHLY YOU SAVE **37.18**

- MF-637WX. Complete stereo system as listed above. Shpg. Wt., 69 lbs. 14.00 Down Net 139.95 For Record Changer Base, See Index.
- MF-638WX. Same as MF-637WX, plus Harman-Kardon T-230 AM-FM Stereo Tuner (with case). Shpg. wt., 94 lbs. 23.45 Down Net 235.45 Same as above, but with 2 Lafayette SK-128WX 8" Ultra-Linear Dualaxial speakers and Lafayette CAB-47WX Series Mini-Duct Bookshelf Enclosures (specify finish). Instead of SK-124 Speaker Systems. Shpg. Wt., 96 lbs. MF-639WX. 18.00 Down Net 179.95

## HARMAN-KARDON 30-WATT STEREO PHONO SYSTEM

This compact hi-fi stereo phono system is an outstanding value. Loaded with new features, every one of these carefully matched components combine to bring you the pleasure of smooth, realistic stereo reproduction from records.

COMPONENTS

HARMAN-KARDON A230 30-WATT STEREO AMPLIFIER (Less Case)	109.95
GARRARD RC-121 CHANGER (Less Base)	41.65
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-LAFAYETTE SK-58 12" SPEAKERS @ 29.50	59.00
Regular Catalog Price	235.05

LAFAYETTE SYSTEM PRICE **189.50**

18.95 DOWN 13.00 MONTHLY YOU SAVE **45.55**

- MF-640WX. Complete stereo system as listed above. Shpg. Wt., 90 lbs. 18.95 Down Net 189.50
- MF-643WX. Same as 640WX, plus choice of either 2 Lafayette Eliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 90 lbs. 24.75 Down Net 247.50
- G-217W. Enclosure for Harman-Kardon A230 For Record Changer Base, See Index. 7.95
- Same as MF-640WX, plus Harman-Kardon T-230 AM-FM Stereo Tuner (with enclosure). Shpg. Wt., 118 lbs. MF-641WX. 28.50 Down Net 284. For Record Changer Base, See Index.

CHOICE OF RECORD CHANGER • You may select, at no additional cost, the Garrard RC-88, Glasser Steers QG-77, or Collard TC-99 in any system that includes one of the above changers.

SELECT YOUR OWN CARTRIDGE • You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

LAFAYETTE IS FIRST WITH THE NEWEST IN HI-FI

# TOP VALUE STEREO HI-FI SYSTEMS

## HARMAN-KARDON 30-WATT COMPLETE FM-AM STEREO PHONO SYSTEM

An outstanding high-fidelity complete stereo system centered around the new Harman-Kardon TA-230 'Stereo Festival' complete stereo receiver. The compactness of design allows the components to be placed in a very small cabinet or on a small shelf. A truly fine stereo system that offers you quality performance as well as flexibility.

### COMPONENTS

HARMAN-KARDON TA-230 30-WATT COMPLETE STEREO RECEIVER (Specify finish) (Less Case)	259.95
GARRARD RC-88 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-LAFAYETTE SK-58 12" SPEAKERS @ 29.50	59.00
Regular Catalog Price	401.71

LAFAYETTE SYSTEM PRICE **324.17**

32.42 DOWN 19.00 MONTHLY YOU SAVE **77.54**

HF-687WX. Complete stereo system as listed above. Shpg. wt., 121 lbs. 32.42 Down **Net 324.17**  
 HF-688WX. Same as HF-687WX, plus choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 169 lbs. 38.00 Down **Net 379.95**  
 G-213W. Enclosure for TA-230 in copper. Other finishes available For Record Changer Base, See Index. 12.95

## HARMAN-KARDON 30-WATT STEREO PHONO SYSTEM

Composed entirely of top-quality components, this high fidelity stereo phono system brings you living, exciting sound. Hear the finest in musical entertainment come to life through the magic of stereo. The new Harman-Kardon A-260 complete amplifier offers a full array of controls and inputs for all accessory equipment.

### COMPONENTS

HARMAN-KARDON A-260 DUAL PREAMP & 30-WATT AMPLIFIER (Less Case)	199.95
GARRARD RC-88 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-JENSEN H-223F 12" SPEAKERS @ 72.50	145.00
Regular Catalog Price	427.71

LAFAYETTE SYSTEM PRICE **339.95**

34.00 DOWN 21.00 MONTHLY YOU SAVE **87.76**

HF-645WX. Complete stereo system as above. Shpg. wt., 125 lbs. 34.00 Down **Net 339.95**  
 HF-646WX. Same as HF-645WX, plus choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 173 lbs. 40.00 Down **Net 399.17**  
 G-219W. Enclosure for Harman-Kardon A-260 For Record Changer Base, See Index. 12.95  
 HF-647WX. Same as HF-645WX, but with 2 Lafayette-Goodmans SK-114 12" speakers with 6 1/4 lb magnets instead of Jensen H-223F speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 217 lbs. 43.32 Down **Net 433.16**  
 Same as HF-645WX, but with Harman-Kardon F-250 FM Tuner. Shpg. Wt., 150 lbs. 44.25 Down **Net 442.50**  
 HF-686WX.

● CHOICE OF RECORD CHANGER ● You may select, at an additional cost, the Garrard RC-88, Glasser Stereo GS-77, or Callera TC-99 in any system that includes one of the above changers.



HARMAN-KARDON TA-230



NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS

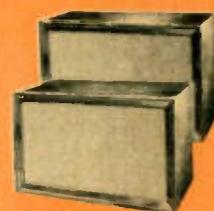


GARRARD RC-88

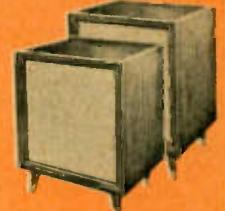


2-LAFAYETTE SK-58

### OPTIONAL SPEAKER ENCLOSURES



2-LAFAYETTE ELLIPTOFLEX BOOKSHELF ENCLOSURES



2-LAFAYETTE CAB-16WX RESONATOR ENCLOSURES

## HARMAN-KARDON 30-WATT STEREO PHONO SYSTEM

Composed entirely of top-quality components, this high fidelity stereo phono system brings you living, exciting sound. Hear the finest in musical entertainment come to life through the magic of stereo. The new Harman-Kardon A-260 complete amplifier offers a full array of controls and inputs for all accessory equipment.

### COMPONENTS

HARMAN-KARDON A-260 DUAL PREAMP & 30-WATT AMPLIFIER (Less Case)	199.95
GARRARD RC-88 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-JENSEN H-223F 12" SPEAKERS @ 72.50	145.00
Regular Catalog Price	427.71

LAFAYETTE SYSTEM PRICE **339.95**

34.00 DOWN 21.00 MONTHLY YOU SAVE **87.76**

HF-645WX. Complete stereo system as above. Shpg. wt., 125 lbs. 34.00 Down **Net 339.95**  
 HF-646WX. Same as HF-645WX, plus choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 173 lbs. 40.00 Down **Net 399.17**  
 G-219W. Enclosure for Harman-Kardon A-260 For Record Changer Base, See Index. 12.95  
 HF-647WX. Same as HF-645WX, but with 2 Lafayette-Goodmans SK-114 12" speakers with 6 1/4 lb magnets instead of Jensen H-223F speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 217 lbs. 43.32 Down **Net 433.16**  
 Same as HF-645WX, but with Harman-Kardon F-250 FM Tuner. Shpg. Wt., 150 lbs. 44.25 Down **Net 442.50**  
 HF-686WX.

● CHOICE OF RECORD CHANGER ● You may select, at an additional cost, the Garrard RC-88, Glasser Stereo GS-77, or Callera TC-99 in any system that includes one of the above changers.



HARMAN-KARDON A-260

NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS

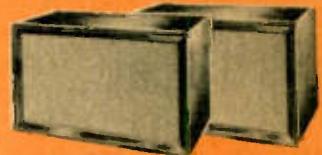


GARRARD RC-88



2-JENSEN H-223F

### ALTERNATE SPEAKER ENCLOSURES



2-LAFAYETTE ELLIPTOFLEX BOOKSHELF ENCLOSURES



2-LAFAYETTE CAB-16WX RESONATOR ENCLOSURES

### OPTIONAL FM TUNER



Harman-Kardon F-250



● SELECT YOUR OWN CARTRIDGE ● You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE

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ONLY 10% DOWN ON LAFAYETTE'S EASY PAYMENT PLAN - FOR DETAILS SEE PAGE 302

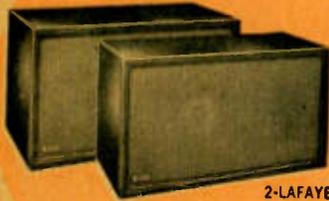
# Lafayette RECOMMENDED MONEY-SAVING STEREO



BOGEN RC-412



New GE VR-22  
(.7 Mil) Stereo  
Cartridge With  
Diamond Stylus

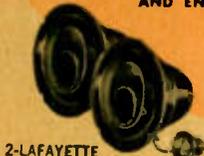


2-LAFAYETTE  
SK-124W SPEAKER SYSTEMS

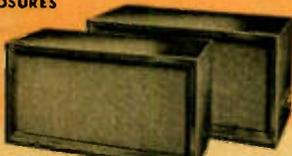


RC-121  
GARRARD

### ALTERNATE SPEAKERS AND ENCLOSURES



2-LAFAYETTE  
SK128W SPEAKER



2-LAFAYETTE  
MINI-DUCT BOOKSHELF ENCLOSURES

## Bogen 24-WATT STEREO PHONO SYSTEM

Here is a superb high fidelity stereo system with outstanding components to bring out the extraordinary realism of the new stereo recordings. Many features make this combination satisfying to the most discriminating music listeners.

### COMPONENTS

BOGEN DB-212 24-WATT STEREO AMPLIFIER (Less Cabinet) .....	119.95
GARRARD RC-121 CHANGER (Less Base) .....	41.65
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS .....	24.45
2-UNIVERSITY UC-122 12" SPEAKERS @ 34.80 .....	69.60

Regular Catalog Price 255.65

LAFAYETTE SYSTEM PRICE **204<sup>52</sup>**

20.45 Down 14.00 Monthly You save 51.13

Complete stereo system as listed above. Shpg. wt., 45 lbs.  
HF-568WX ..... 20.45 Down ..... Net 204.52

Recommended enclosures for above system: Choice of either CAB-16WX Series Resonator Enclosures, or Lafayette Elliptoflex Series Bookshelf Enclosures.  
Set of 2 ..... 57.50 Down ..... Net 57.50  
(Please specify enclosure and finish).

G-186W. Metal Enclosure with legs for Bogen DB 212—  
For Record Changer Base, See Index. .... Net 7.50

Same as HF-568WX, but with 2 Lafayette SK-58 12" speakers instead of University UC-122 speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 104 lbs.  
HF-570WX ..... 25.59 Down ..... Net 255.90

Same as HF-568WX, plus Bogen FM-51 Tuner (less cabinet). Shpg. wt., 59 lbs.  
HF-610WX ..... 29.65 Down ..... Net 296.52

• CHOICE OF RECORD CHANGER • You may select, at no additional cost, the Garrard RC-84, Glaser Series GS-77, or Collins TC-99 in any system that includes one of the above changers.

## NEW Bogen 12 WATT COMPLETE STEREO SYSTEM

Now, everyone can afford to have a high grade high fidelity complete stereophonic system. This top performing system is one of the biggest values ever offered.

### COMPONENTS

BOGEN RC-412 12-WATT COMPLETE STEREO RECEIVER (Less Cabinet) .....	169.50
GARRARD RC-121 CHANGER (Less Base) .....	41.65
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS .....	24.45
2-LAFAYETTE SK-124W HIGH COMPLIANCE BOOKSHELF SPEAKER SYSTEMS @ 17.50 .....	35.00

(Please specify finish)

Regular Catalog Price 270.60

LAFAYETTE SYSTEM PRICE **216<sup>48</sup>**

21.65 Down 14.00 Monthly You save 54.12

Complete stereo system as listed above. Shpg. wt., 64 lbs.  
HF-608WX ..... 21.65 Down ..... Net 216.48  
G-2D1W. Metal Enclosure and legs for RC-412 ..... 8.50  
For Record Changer Base, see Index.

Same as HF-608WX, but with 2 Lafayette SK-128W 8" Ultra-Linear Dualcoil speakers and Lafayette CAB-47WX Series Mini-Duct Bookshelf Enclosures (specify finish) instead of SK-124W Speaker Systems. Shpg. wt., 92 lbs.  
HF-609WX ..... 26.27 Down ..... Net 262.72



2-UNIVERSITY  
UC-122



BOGEN DB-212

NEW GE VR-22  
(.7 MIL) STEREO  
CARTRIDGE WITH  
DIAMOND STYLUS



GARRARD  
RC-121

### ALTERNATE SPEAKERS - ENCLOSURES



2-LAFAYETTE  
CAB-16WX  
RESONATOR  
ENCLOSURES



2-LAFAYETTE  
SK-58



2-LAFAYETTE  
ELLIPTOFLEX  
BOOKSHELF  
ENCLOSURES



• SELECT YOUR OWN CARTRIDGE • You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

### LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE

Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

HI-FI SYSTEMS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# SYSTEMS FEATURING *Bogen* COMPONENTS

## NEW *Bogen* 60-WATT STEREO PHONO SYSTEM

Enjoy the latest stereo records with this outstanding high fidelity stereo phono system. With this system, you can control all types of stereo and monaural program sources with ease. Matched by Lafayette audio experts, this combination will delight the most critical ears.

### COMPONENTS

BOGEN DB-230A STEREO CONTROL CENTER & DUAL 30-WATT AMPLIFIERS (Less Cabinet)	189.50
NEW COLLARO TC-99 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-JENSEN H-223F 12" SPEAKERS @ 72.50	145.00

Regular Catalog Price ~~417.26~~

LAFAYETTE SYSTEM PRICE

**333<sup>81</sup>**  
You Save **83.45**

33.38 Down — 21.00 Monthly

Complete stereo system as listed above. Shpg. wt., 86 lbs.  
HF-611WX 33.38 Down Net 333.81

Recommended enclosures for above system: Choice of either CAB-16WX Series Resonator Enclosures, or Lafayette Eliptaflex Series Bookshelf Enclosures. (Please specify enclosure and finish). Set of 2 5.75 Down Net 57.50

G-188W. Metal enclosure with legs for DB-230A 8.00  
For Record Changer Base, See Index.

Same as HF-611WX, but with 2 Lafayette-Goodmans SK-112WX 12" speakers with 3 1/2 lb. magnets instead of 2 Jensen H-223F speakers, and choice of 2 Lafayette Eliptaflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 157 lbs.  
HF-612WX 40.18 Down Net 401.81

Same as HF-611WX, plus Bogen FM-51 FM tuner (less cabinet). Shpg. wt., 100 lbs.  
HF-613WX 42.58 Down Net 425.81



BOGEN DB-230A



NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS



COLLARO TC-99



2-JENSEN H-223F

### OPTIONAL SPEAKERS - ENCLOSURES



2-LAFAYETTE CAB-16WX RESONATOR ENCLOSURES



2 LAF SK-112WX 12" SPEAKERS



2-LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURES

## NEW *Bogen* 20-WATT COMPLETE STEREO SYSTEM!

This complete high fidelity stereophonic system gives you everything you need for stereo or monaural reproduction. You can listen to the wonderful sound from your stereo records and stereo broadcasts. Superiority of performance and compactness of design keynote this perfectly matched high fidelity system.

### COMPONENTS

BOGEN SRB-20 20-WATT STEREO RECEIVER (Less Cabinet)	199.50
GARRARD RC-121 CHANGER (Less Base)	41.65
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-STEPHENS 120 FR 12" SPEAKERS @ 60	120.00

Regular Catalog Price ~~385.60~~

LAFAYETTE SYSTEM PRICE

**308<sup>48</sup>**

30.85 Down — 19.00 Monthly

You Save **77.12**

Complete stereo system as listed above. Shpg. wt., 65 lbs.  
HF-614WX 30.85 Down Net 308.48

Recommended enclosures for above systems: Choice of either CAB-16WX Series Resonator Enclosures or Lafayette Eliptaflex Series Bookshelf Enclosures. (Please specify enclosure and finish). Set of 2 5.75 Down Net 57.50

G-195W. Metal Enclosure and legs for SRB-20. 8.50  
For Record Changer Base, See Index.

Same as HF-614WX, but with 2 Lafayette-Goodmans SK-58 12" speakers instead of 2 Stephens 120 FR speakers and choice of either 2 Lafayette Eliptaflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 105 lbs.  
HF-615WX 29.05 Down Net 290.47

Same as HF-614WX, but with 2 Lafayette-Goodmans SK-110WX 12" speakers with 1 1/2 lb. magnets instead of 2 Stephens 120 FR speaker, and choice of either 2 Lafayette Eliptaflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Enclosures (specify enclosure and finish). Shpg. wt., 123 lbs.  
HF-616WX 32.88 Down Net 328.82



2-STEPHENS 120FR



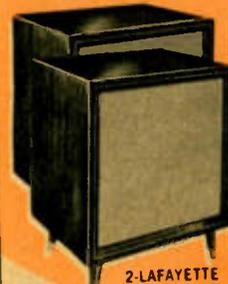
BOGEN SRB-20

NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS



GARRARD RC-121

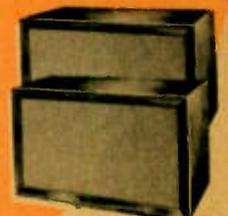
### OPTIONAL SPEAKERS - ENCLOSURES



2-LAFAYETTE CAB-16WX RESONATOR ENCLOSURES



2 SK58 12" SPEAKERS



2-LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURES

● CHOICE OF RECORD CHANGER ● You may select, at no additional cost, the Garrard RC-88, Glasser Steers GS-77, or Collaro TC-99 in any system that includes one of the above changers.



● SELECT YOUR OWN CARTRIDGE ● You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

### LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE

Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

STEREO SYSTEMS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302



# DELUXE STEREO HI-FI PHONO SYSTEMS

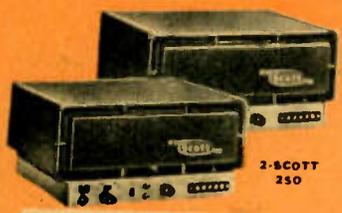


SCOTT 130

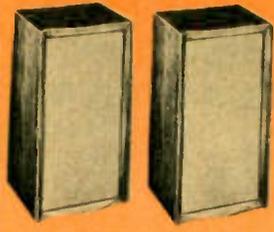
GLASER-STEERS GS-77



NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS



2-SCOTT 250



2-JENSEN TR-10 SPEAKER SYSTEMS

## SCOTT 80-WATT STEREO PHONO SYSTEM

This combination is guaranteed to reproduce sound of the most faithful and pleasing quality. The unique speaker systems permit placement of enclosures in "difficult" decorating situations with excellent stereo effect. Superb design features offer all the facilities for stereo reproduction from any program sources.

### COMPONENTS

SCOTT 130 STEREO PRE-AMP (Less Case)	169.95
2-SCOTT 250 40-WATT AMPLIFIERS at 129.95	259.90
GLASER STEERS GS-77 CHANGER (Less Base)	59.50
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-JENSEN TR-10 TRI-ETTE 3-WAY SPEAKER SYSTEMS at 114.50	229.00
Regular Catalog Price <del>742.85</del>	

Lafayette System Price **575.00**

\$7.50 DOWN 31.00 MONTHLY

YOU SAVE **167.85**

- HF-617WX. Complete stereo system as listed above. Shpg. Wt., 121 lbs. 57.50 Down Net 575.00
- G-149W. Wood case for Scott 130 in Mahogany. Other finishes available 5.00 Down 19.95
- PK-350W. Wood base for GS-77. Specify finish 9.60
- HF-618WX. Same as HF-617WX, but with 2 Jensen SS-100 Speaker systems instead of the TR-10 Speaker Systems. Shpg. Wt., 180 lbs. 70.00 Down Net 669.95
- HF-620WX. Same as HF-617WX, but with 2 Lafayette-Goodmans SK-114WX 12" speakers with 6 1/2 lbs. magnets instead of Jensen TR-10 speaker systems and choice of either 2 Lafayette Eliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish.) Shpg. Wt., 186 lbs. 56.95 Down Net 569.50
- HF-619WX. Same as HF-617WX, plus Scott 310-C FM Tuner (less case). Shpg. Wt., 133 lbs. 71.42 Down Net 714.20

### ALTERNATE SPEAKER SYSTEMS



2 Lafayette-Goodmans SK-114WX speakers



2-LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURES

## SCOTT 40-WATT MODEL 299 STEREO PHONO SYSTEM

An excellent high fidelity stereo phono system designed to bring you top performance from your record collection, monaural and stereo. These matched components provide both flexibility and performance ability to satisfy the discriminating music listeners.

### COMPONENTS

SCOTT 299 40-WATT COMPLETE STEREO AMPLIFIER (Less Case)	199.95
GARRARD RC-88 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-UNIVERSITY 312 12" SPEAKERS at 71.54	143.08
Regular Catalog Price <del>425.79</del>	

Regular Catalog Price ~~425.79~~

Lafayette System Price **339.95**

34.00 DOWN 21.00 MONTHLY

YOU SAVE **85.84**

- HF-621WX. Complete stereo system as listed above. Shpg. Wt., 141 lbs. 34.00 Down Net 339.95
- Recommended enclosures for above systems: choice of either CAB-16WX Series Resonator Enclosures, or Lafayette Eliptoflex Series Bookshelf Enclosures. (Please specify enclosure and finish.) Set of 2 5.75 Down 57.50
- G-149W. Wood Case for Scott 299 in Mahogany. Other finishes available. 5.00 Down
- For Record Changer Base, See Index. Net 19.95
- HF-622WX. Same as HF-621WX, but with 2 Lafayette SK-58 12" speakers instead of University 312 speakers and choice of either 2 Lafayette Eliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish.) Shpg. Wt., 149 lbs. 33.50 Down Net 334.95
- HF-624WX. Same as HF-621WX, plus Scott 310-C FM Tuner (less case). Shpg. wt., 153 lbs. 47.45 Down Net 474.50



Scott 299



NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS

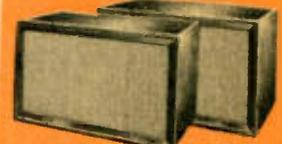


GARRARD RC-88

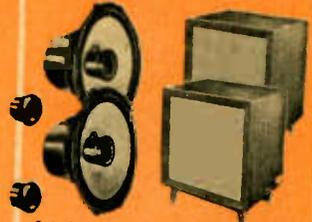


2-UNIVERSITY 312

### ALTERNATE SPEAKERS AND ENCLOSURES



2-LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURES



2 Lafayette SK-58 12" speakers



2-LAFAYETTE CAB-16WX RESONATOR ENCLOSURES

### OPTIONAL TUNER



Scott 310-C

• CHOICE OF RECORD CHANGER • You may select, at no additional cost, the Garrard RC-88, Glaser Steers GS-77, or Collato TC-99 in any system that includes one of the above changers.



• SELECT YOUR OWN CARTRIDGE • You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

### LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE

Write for a special Lafayette price quotation on the hi-fi system of your own preference, you desire, and a special money-saving package price will be promptly sent to you.

ENJOY THE BEST WITH LAFAYETTE'S EXCLUSIVE MONEY-SAVING HI-FI SYSTEMS

# Lafayette RECOMMENDED DELUXE STEREO MUSIC SYSTEM WITH FISHER COMPONENTS

## FISHER 40-WATT STEREO PHONO SYSTEM

Magnificent home music system that combines the finest high-fidelity components available, for superlative reproduction from stereo records. You'll realize the full possibilities of stereo reproduction and thrill to the excitingly real sound of musical entertainment that only stereo can bring.

COMPONENTS	
FISHER X-101A STEREO MASTER CONTROL & DUAL 20-WATT AMPLIFIERS (Less Case)	199.50
GARRARD RC-88 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
JENSEN KT-233 MATCHED STEREO TWIN SPEAKER SYSTEM	160.00

Regular Catalog Price ~~442.26~~  
**LAFAYETTE SYSTEM PRICE 352.50**  
 35.25 Down 21.00 Monthly You Save 89.76

Complete stereo system as listed above. Shpg. Wt., 100 lbs.	Net 352.50
HF-650WX Enclosure for Fisher X-101A. Specify finish.	35.25 Down
G-101W For Record Changer Base, See Index.	5.00 Down
Same as HF-650WX, but with 2 Jensen SS-100 Complete Speaker Systems (specify finish) instead of Jensen KT-233 speaker system. Shpg. Wt., 158 lbs.	Net 509.50
HF-651WX	50.95 Down
Same as HF-650WX, but with 2 Lafayette-Goodmans SK-112WX 12" speakers with 3 1/2 lb. magnets instead of Jensen KT-233 speaker and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 144 lbs.	Net 407.95
HF-652WX	40.80 Down
Same as HF-650WX plus Fisher 101R FM/AM Stereo tuner. Shpg. Wt., 120 lbs.	Net 525.00
HF-690WX	52.50 Down



## FISHER 60-WATT STEREO PHONO SYSTEM

The finest ultra-deluxe stereo phono system for those who demand the very highest quality of sound reproduction. All components are gems for quality in the many special features they incorporate.

COMPONENTS	
FISHER 400-CA STEREO MASTER AUDIO CONTROL PREAMP (Less Case)	174.50
FISHER SA-300 60-WATT STEREO AMPLIFIER	169.50
GLASER STEERS GS-77 CHANGER	59.95
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
JENSEN KT-233 MATCHED STEREO TWIN SPEAKER SYSTEM	160.00

Regular Catalog Price ~~588.40~~  
**LAFAYETTE SYSTEM PRICE 449.50**  
 45.00 Down 27.00 Monthly You Save 138.90

Complete stereo system as listed above. Shpg. Wt., 117 lbs.	Net 449.50
HF-653WX Enclosure for Fisher 400-CA. Specify finish.	45.00 Down
Same as HF-653WX, but with 2 Jensen SS-100 complete speaker systems (specify finish), instead of Jensen KT-233 speaker system. Shpg. wt., 176 lbs.	Net 592.95
HF-654WX	59.30 Down
Enclosure for Fisher 400-CA. Specify finish.	Net 24.95
G-101W	5.00 Down
PK-350W Wood base for GS-77. Specify finish	9.60
Same as HF-653WX, but with 2 Lafayette-Goodmans SK-115WX 15" speakers instead of Jensen KT-233 speaker system and 2 Lafayette CAB-19 Series Universal Base Reflex Enclosures (specify finish). Shpg. wt., 252 lbs.	Net 597.00
HF-655WX	59.75 Down
Same as HF-653WX, plus Fisher 101R FM/AM Stereo Tuner. Shpg. wt., 137 lbs.	Net 622.60
HF-691WX	62.26 Down



● CHOICE OF RECORD CHANGER ● You may select, at no additional cost, the Garrard RC-88, Glaser Steers GS-77, or Calloze TC-99 in any system that includes one of the above changers.



● SELECT YOUR OWN CARTRIDGE ● You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE  
 Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

# Lafayette RECOMMENDED Pilot STEREO HI-FI SYSTEMS

## PILOT 30-WATT STEREO PHONO SYSTEM

Here is a complete stereo phono system which has been designed to please the hi-fi enthusiast who has both a limited amount of space available and a limited budget. The unusually high quality of Pilot electronic components and Electro-Voice speaker systems assure most satisfying results.

### COMPONENTS

PILOT 240 30-WATT STEREO PREAMP-AMPLIFIER	129.50
COLLARO TSC-740E CHANGER WITH SHIELDED MOTOR (Less Base)	41.65
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-ELECTRO-VOICE 12TRXB SPEAKERS @ 64.68	129.36

Regular Catalog Price ~~324.96~~

**LAFAYETTE SYSTEM PRICE**

**259<sup>50</sup>**

25.95 Down—16.00 Monthly You Save 65.46

Complete stereo system as listed above. Shpg. Wt., 71 lbs.

HF-596WX	25.95 Down	Net 339.50
Recommended enclosures for above system: Choice of either CAB-16WX Series Resonator Enclosures, or Lafayette Elliptoflex Series Bookshelf Enclosures. (Please specify enclosure and finish). Set of 2		
	5.75 Down	Net 57.50

For Record Changers, See Index.

Same as HF-596WX, but with 2 Lafayette SK-58 12" speakers instead of 2 E-V 12TRXB Speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 113 lbs.

HF-597WX	26.50 Down	Net 264.95
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Same as HF-597WX, but with 2 Lafayette-Goodmans SK-110WX 12" speakers with 1 1/4 lbs. magnets instead of 2 E-V 12TRXB speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 131 lbs.

HF-598WX	30.50 Down	Net 304.95
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Same as HF-596WX, plus Pilot 580 stereo FM-AM Tuner. Shpg. Wt., 95 lbs.

HF-599WX	40.35 Down	Net 403.50
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2-EV 12 TRXB



PILOT 240



COLLARO TSC-740E

NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS

## PILOT 40-WATT STEREO PHONO SYSTEM

Another stereo system designed for the man who desires the better things in life. A truly fine high fidelity stereo system for fully realistic sound reproduction. Has all the facilities you will ever need.

### COMPONENTS

PILOT 245A 40-WATT STEREO PREAMP-AMPLIFIER	199.50
GARRARD RC-88 CHANGER (Less Base)	58.31
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-UNIVERSITY 312 12" SPEAKERS @ 71.54	143.08

Regular Catalog Price ~~425.34~~

**LAFAYETTE SYSTEM PRICE**

**339<sup>95</sup>**

34.00 Down—21.00 Monthly You Save 85.39

Complete stereo system as listed above. Shpg. Wt., 68 lbs.

HF-600WX	34.00 Down	Net 339.95
Recommended enclosures for above system: Choice of either CAB-16WX Series Resonator Enclosures, or Lafayette Elliptoflex Series Bookshelf Enclosures. (Please specify enclosure and finish). Set of 2		
	5.75 Down	Net 57.50

For Record Changer Base, See Index.

Same as HF-600WX, but with 2 Lafayette SK-58 12" speakers instead of 2 University 312 speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 116 lbs.

HF-601WX	33.50 Down	Net 334.95
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Same as HF-600WX, but with 2 Lafayette-Goodmans SK-112WX 12" speakers with 3/4 lbs. magnets instead of 2 University 312 speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 144 lbs.

HF-602WX	40.95 Down	Net 409.50
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Same as HF-600WX, plus Pilot 580 stereo FM-AM Tuner. Shpg. Wt., 92 lbs.

HF-603WX	48.35 Down	Net 483.50
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PILOT 245A



2-UNIVERSITY 312

NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS



GARRARD RC-88



• CHOICE OF RECORD CHANGER • You may select, at no additional cost, the Garrard RC-88, Glasser Series GS-77, or Collaro TC-99 in any system that includes one of the above changers.



• SELECT YOUR OWN CARTRIDGE • You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at an additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE  
Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

# Lafayette STEREO SYSTEMS FEATURING Pilot COMPONENTS

## PILOT 40-WATT STEREO PHONO SYSTEM

Here is a system designed for the connoisseur who desires the best in stereophonic equipment. This fine stereo system will give you years of trouble-free performance with spacious realism possible only with stereo sound. Features extreme flexibility and ease of operation.

### COMPONENTS

PILOT 210 STEREO PREAMP	89.50
PILOT 232 40-WATT STEREO AMPLIFIER	149.50
GARRARD RC-121 CHANGER (Less Base)	41.65
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2- ELECTRO-VOICE 12TRXB 12" SPEAKERS @ 63.70	127.40

Regular Catalog Price ~~432.50~~

**LAFAYETTE SYSTEM PRICE** **345<sup>50</sup>**

34.55 Down - 21.00 Monthly You Save 87.00

Complete stereo system as listed above. Shpg. wt., 82 lbs.  
**HF-604WX** 34.55 Down Net 345.50

Recommended enclosures for above system: Choice of either CAB-16WX Series Resonator Enclosures, or Lafayette Elliptoflex Series Bookshelf Enclosures. (Please specify enclosure and finish). Set of 2 5.75 Down Net 57.50

For Record Changer Base, See Index.

Same as HF-604WX, but with 2 Lafayette SK-58 12" speakers instead of 2 Electro-Voice 12TRXB Speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 124 lbs.

**HF-605WX** 35.40 Down Net 353.94

Same as HF-604WX, but with 2 Lafayette Goodmans SK-110WX 12" speakers with 1 1/2 lbs. magnets instead of 2 Electro-Voice 12TRXB speakers and choice of either 2 Lafayette Elliptoflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. Wt., 142 lbs.

**HF-606WX** 29.30 Down Net 292.95

Same as HF-604WX, plus Pilot FM-660 FM Tuner. Shpg. Wt., 97 lbs.  
**HF-607WX** 46.51 Down Net 465.10



## NEW! FISHER FM-AM STEREO PHONO SYSTEM



FISHER TA-600

NEW GE VR-22  
(.7 MIL) STEREO  
CARTRIDGE WITH  
DIAMOND STYLUS



2-UNIVERSITY  
312



GLASER-STEERS GS-77



## FISHER 40-WATT COMPLETE STEREO SYSTEM

Flawless performance and compactness of design are yours with this outstanding stereo hi-fi system. Now, you can have stereophonic music from every program source. The quality of this system fulfills the most exacting demands of the perceptive music lover.

### COMPONENTS

FISHER TA-600 COMPLETE RECEIVER (Less Case)	349.50
GLASER-STEERS GS-77 CHANGER (Less Base)	59.50
NEW GE VR-22 (.7 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS	24.45
2-UNIVERSITY 312 12" SPEAKERS @ 71.54	143.08

Regular Catalog Price ~~576.53~~

**LAFAYETTE SYSTEM PRICE** **454<sup>50</sup>**

45.45 Down - 27.00 Monthly You Save 122.03

Complete stereo system as listed above. Shpg. Wt., 75 lbs.  
**HF-648WX** 45.45 Down Net 454.50

Recommended enclosures for above system: Choice of either CAB-16WX Series Resonator Enclosures, or Lafayette Elliptoflex Series Bookshelf Enclosures. (Please specify enclosure and finish). Set of 2 5.75 Down Net 57.50

**G-103W** Metal cabinet for Fisher TA-600. Specify finish 17.95

**PK-350W** Wood base for GS-77. Specify finish 9.60

Same as HF-648WX but with 2 Lafayette-Goodmans SK-115WX 15" speakers instead of University 312 speakers and 2 Lafayette CAB-19WX Series Universal Bass Reflex Enclosures (specify finish). Shpg. wt., 241 lbs.

**HF-649WX** 60.00 Down Net 599.95

● CHOICE OF RECORD CHANGER ● You may select, at no additional cost, the Garrard RC-88, Glaser Steers GS-77, or Callara TC-99 in any system that includes one of the above changers.



● SELECT YOUR OWN CARTRIDGE ● You may substitute the Shure M7D, Pickering 371C, or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 at no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.

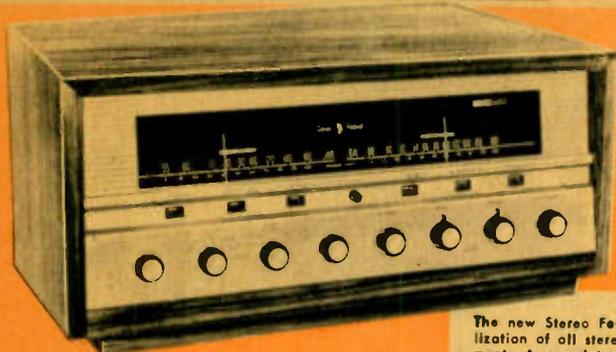
### LET LAFAYETTE PRICE THE HI-FI SYSTEM YOU ASSEMBLE

Write for a special Lafayette price quotation on the hi-fi system of your own preference. Just send us a list of the components you desire, and a special money-saving package price will be promptly sent to you.

EASY TERMS AVAILABLE TO FIT YOUR BUDGET - SEE PAGE 302

**harman kardon**

**NEW! HARMAN-KARDON TA 230 "STEREO FESTIVAL" COMPLETE STEREO RECEIVER**

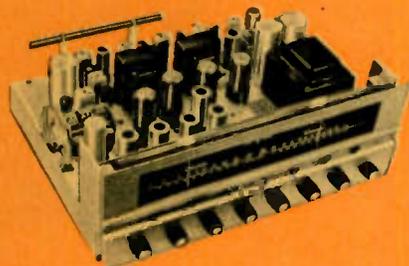


- FACILITIES & CONTROLS FOR EVERY STEREO NEED
- DUAL 15 WATT AMPLIFIERS ● FEATURES NEW 7408 OUTPUT TUBES ● H-K FRICTION CLUTCH TONE CONTROLS ● SILICON POWER SUPPLY & D.C. HEATED PREAMP FILAMENTS ● SEPARATE ELECTRONIC TUNING BARS FOR AM & FM

The new Stereo Festival represents the successful crystallization of all stereo know-how in a single superb instrument. A complete electronic center: dual preamps with input facilities and controls for every stereo function including the FM multiplex service. Separate sensitive AM and FM tuners for simulcast reception. And a great new 30 watt power amplifier. Many new features include: new H-K Friction-Clutch tone controls to adjust bass and treble separately for each channel. Silicon power supply provides excellent regulation for improved transient response. D. C. heated preamp filaments insure freedom from hum. 4 new 7408 output tubes deliver distortion-free power. Separate electronic tuning bars for AM and FM: new swivel high Q ferrite loopstick for increased AM sensitivity. FM Tuner—Sensitivity: 2.5 microvolts for 20 db of quieting; selectivity: 240 KC bandwidth; frequency range is 88-108 MC; distortion: less than 0.5% IM at 30% modulation; hum level: 60 db below 100% modulation; radiation: within FCC requirements. AM Tuner—Sensitivity: 80 microvolts per meter; selectivity: 10 KC bandwidth; distortion: less than 1% harmonic; freq. response:  $\pm 3$  db 20-5,000 cycles. Control Section—15 front panel controls: AM Tuning; FM Tuning; Function (Extra, AM, FM, FM-AFC, AM-FM, FM-Multiplex, Phono [Tape], Mode [Rev., Stereo, Monaural, Right, Left], Balance, Loudness; Boss [dual]; Treble [dual]; Mag. Inputs

[1 & 2]; Equalization (RIAA for Phono & NARTB for Tape); Scratch Filter; Rumble Filter; Contour; Phase Selector; Power Push Button, 3 Chassis controls (2 output balance and impedance selector) and 8 Inputs (2 phono, 2 tape heads, 2 extra, 2 multiplex). 3 Outputs: Tape (2), Multiplex (1). Has separate bar type tuning eyes for AM and FM. Audio Section—15 watts per channel at less than 0.6% harmonic distortion. Peak power is 30 watts per channel. Frequency response:  $\pm 1$  db 35-20,000 cps at 15 watts. Hum inaudible. Cross talk better than 50 db. Input level: phono, 3 mv. at 1 KC; tape, 1 mv. at 250 cps; aux., 300 mv. tape output level: 1 v. from each channel. Output Impedance: 8 & 16 ohms. Total of 20 tubes. Escutcheon finish: Brushed copper, brass, or satin chrome. Less cabinet. Size: 15 1/2 x 6 1/2 x 12 1/2". Power Consumption 175 watts. Shpg. wt., 35 lbs.

G-210WX (Copper finish).....26.00 Down.....Net 259.95  
 G-211WX (Brass finish).....26.00 Down.....Net 259.95  
 G-212WX (Satin Chrome finish) 26.00 Down Net 259.95  
 AC30. Copper & black metal enclosure for TA230  
 G-213W ..... Shpg. wt., 2 lbs. ....Net 12.95  
 WW30. Handsome hardwood walnut enclosure for TA230  
 GR-214W Shpg. wt., 4 lbs. 5.00 Down ... Net 29.95  
 FW30. Handsome hardwood fruitwood enclosure for TA230  
 GR-215W Shpg. wt., 4 lbs. 5.00 Down ..... Net 29.95



**NEW! "BALLAD" A230 DUAL STEREO PREAMP WITH 15 WATT AMPLIFIERS**



The A230 is a superb new stereo amplifier incorporating dual preamps and dual 15 watt power amplifiers on one strikingly handsome chassis. Equally effective for mono-phonics or stereophonic reproduction. Among its many new Features are: H-K Friction-Clutch tone controls adjusting bass and treble separately for each channel and lock automatically for ganged operation. Third Channel Speaker Selector permits the addition of a 3rd channel speaker. Self bias of the output tubes assure the finest trouble-free performance. Has illuminated push-button on/off switch. Front Panel Controls include: Treble [dual], Bass [dual], Loudness, Balance, Mode (Stereo, stereo rev., mono., mono. right & left), Function (tape, lo/phone lo, phone hi, tuner and aux./tape hi), Rumble Filter, Contour, 2 Speaker Selector Switches, push-button On/Off. Chassis Control has 2 hum adjustments and 2 output tube balance controls. Rear Panel Controls: Equalization for tape NARTB and phono RIAA channels, Speaker Impedance Selector switch, and a Speaker Phasing switch. Output level is 15 watts per channel at less than 1% harmonic distortion. Frequency response:  $\pm 1$  db 15,700 cycles of normal listening level. Hum inaudible. Channel crosstalk better than 50 db. Input levels: Aux., tuner and phono (hi)—300 mv; phono (lo)—3 mv. at 1 KC., will not overload with input level below 180 mv.; tape—1 mv. at 250 cps. Tape output recording level: 2 volts from each channel. Output impedance: 8 and 16 ohms. Has 2 switched AC outlets. Less cabinet. Size: 13 1/2 x 11 1/2 x 4 1/2". Shpg. wt., 18 lbs.

GR-216WX ..... 11.00 Down ..... Net 109.95  
 AC23 Enclosure for A230  
 G-217W ..... Shpg. wt., 2 lbs. ....Net 7.95

**NEW! "CHORALE" A260 DUAL PREAMP & DUAL 30 WATT POWER AMPLIFIERS**



The Chorale incorporates a dual preamp and dual 30 watt power amplifiers on one chassis. Unusually versatile, it can be used to reproduce every monophonic or stereophonic program source with unrivaled fidelity. Features 3rd channel speaker selector permitting the use of a 3rd channel for ultimate realism. An output receptacle is provided for 3rd channel amplifier. Harman-Kardon Friction-Clutch tone controls adjust bass and treble separately for each channel and lock automatically to provide the convenience of ganged operation. Other features include: Illuminated push button on/off switch permits the instrument to be turned on and off without affecting the control settings. Impedance selector switch chooses 4, 8, or 16 ohms for each channel. Special tape outputs for stereo recording are unaffected by tone controls.

Front panel controls (13 total): Treble [dual], Bass [dual]; Loudness; Mode (Stereo rev., Stereo, mono., mono. right and left); Function Selector (aux. 1, aux. 2, tuner, phono, tape head); Rumble Filter; Scratch Filter; Contour; 2 speaker Selector switches; Equalization Selector; On/Off; Balance. Total of 6 dual stereo inputs: mag., ceramic-crystal, tape hd., tuner, aux. 1, aux. 2, 3 outputs; 2 tape output, 1 third channel output. Has 2 output tube balance controls, and 2 switched AC receptacles. Output levels: 30 watts at less than 1/2% harmonic distortion. Peak power output: 60 watts per channel. Freq. response:  $\pm 0.5$  db 15-30,000 cps. at 1 watt. Hum is 95 db below 30 watts. Channel crosstalk better than 50 db. Tone control range  $\pm 16$  db at 50 cps, and  $\pm 16$  db at 10,000 cps. 12 db/octave rumble filter below 50 cps; and 12 db/octave scratch filter above 6000 cps. Input levels: aux. and tuner—300 mv., 1/2 megohm; phono-lo (mag)—3 mv at 1 KC; phono-hi—60 mv at 1 KC; tape—1 mv at 250 cps. Tape output level: 2 volts from each channel. Equalization: RIAA and NARTB. Total of 10 tubes, 4 silicon diode rectifiers and 2 silicon rectifiers. Power consumption: 200 watts. Size: 15 1/2 x 4 1/2 x 13 1/2". Shpg. wt., 35 lbs.

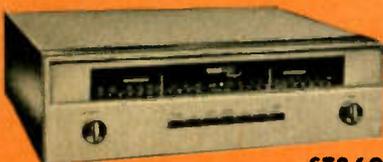
G-218WX ..... 20.00 Down ..... Net 199.95  
 AC60. Enclosure for A260.  
 G-219W ..... Shpg. wt., 2 lbs. ....Net 12.95

**harman****kardon****HIGH FIDELITY EQUIPMENT****HARMON-KARDON MODEL "LUTE" A220 STEREO AMPLIFIER****A220**

An amplifier designed to bring quality component stereo within the reach of everyone. The "Lute" incorporates dual stereo preamps and two hum-free, distortion-free 10 watt power amplifiers all in one handsome copper and black chassis. Peak power is 20 watts for each channel. The A220 is equally effective as a single 20 watt monaural amplifier; for those preferring to start out with one speaker with the thought of eventually enlarging their system for stereo. With the new illuminated push button on/off switch you need only set the controls once—and simply press the button for superb performance every time. Controls include an extremely effective balance

control, separate ganged treble and bass controls, a ganged dynamic loudness control and complete stereo-monoaural function switch. Provided are inputs for magnetic phono, crystal or ceramic phono, tuner/aux; 2 stereo tape output receptacles and an AC convenience receptacle. Frequency response is 20-20,000 cycles  $\pm$  1 db at normal listening level with harmonic distortion at less than 2% at 10 watts and  $\frac{1}{2}$ % at 5 watts with readings taken at 1,000 cycles. Tube complement consists of 3-12AX7, 1-12AU7, 4-7408. Dimensions are 14 $\frac{1}{2}$ " W x 10 $\frac{1}{2}$ " D x 4 5/16" H (excluding knobs) Shpg. wt., 14 lbs.

**G-220WX** with cage ..... 8.00 Down ..... **Net 79.95**

**NEW "MADRIGAL" ST360****ST360**

The new Harman-Kardon Madrigal Model ST360, actually has everything. It has completely separate AM and FM front ends for AM/FM simulcast reception. Each has its own efficient electronic bar tuning indicator. Provision is made for the new MA350 Multiplex Adapter to plug into chassis to receive Crosby compatible multiplex (FM stereo) broadcasts. The FM section features Armstrong circuit with zero time constant gated beam limiter, Foster-Szeley discriminator, and automatic frequency control. The RF section includes 3 wide band IF stages and a wide band (0.6 MC) discriminator. The AM Section features 2 broad band IF stages with "broad nose" for excellent high frequency responses. AM noise filter provides noise-free long distance reception. Separate AVC circuit avoids overloading of detector improving linearity. Front Panel Controls include AM Tuning, FM Tuning, Push Buttons for AM noise filter, AM, Stereo AM-FM, Stereo Multiplex, FM, FM-AFC and Power Off. There are 2 low impedance receptacles for all signal outputs. FM section—Sensitivity is 0.95 microvolts for 20 db quieting on 300 ohms antenna input. Selectivity: 240 KC bandwidth. Dis-

**AM & FM STEREO TUNER**

ortion: less than 0.1% 1M at 30% modulation. Freq. response:  $\pm$   $\frac{1}{2}$  db 20-20,000 cps. Hum level: 60 db below 100% modulation. Output level is 1.5 volts for 100% modulation. AM Section—Sensitivity: 20 microvolts per meter. Selectivity: 16 KC bandwidth. Distortion: less than 0.8% harmonic. Frequency response:  $\pm$  3 db 20-8000 cycles. Hum level is 55 db below 80% modulation. Escutcheon finish in brushed copper. Less cage. Size: 15 $\frac{1}{2}$  x 4 $\frac{1}{2}$  x 12 $\frac{1}{2}$ ". Shpg. wt., 28 lbs.

**G-221WX** ..... 20.00 Down ..... **Net 199.95**  
Model CX60. Enclosure in brushed copper with black display panel.

**G-222W** ..... Shpg. wt., 7 lb. ..... **Net 125.00**

MA350 Multiplex Adapter. Plug in stereo adapter designed for use with the ST360 to provide reception of the new Crosby compatible FM stereo broadcasts. Output level: 1 volt. Input level: 30 mv. Distortion less than 1% total harmonic. Noise level: -60 db. Crosstalk: -40 db. Freq. response:  $\pm$  1 db. 30 to 15,000 cps. Shpg. wt. 5 lbs.

**G-223** ..... 5.00 Down ..... **Net 49.95**

**"SONNET" T230 STEREO AM & FM TUNER****T230**

The T230 engineered with skill and precision is the companion tuner to the A220 stereo amplifier. It incorporates separate AM and FM sections for receiving stereo broadcasts through one unit. Can be readily adapted for multiplex reception. The Sonnet employs a new low noise front end consisting of grounded grid, cathode fed RF amplifier, double tuned over-coupled RF interstage, and low noise grid-fed triode mixer, followed by wideband transitionally coupled IF stages. Features Armstrong circuit with pentode limiter, wideband Foster-Szeley discriminator and automatic frequency control. The AM circuit is a superheterodyne with AVC and a new built-in ferrite loopstick antenna. FM Section—sensitivity 3.5 microvolts for 20 db of quieting on 300 ohms antenna input. Selectivity: 240 KC bandwidth. Frequency range: 88-108 M.C., Drift is  $\pm$  5 KC maximum. Hum level: 60 db below 100% modulation. Distortion: less than 3% 1M

at 100% modulation. Frequency response:  $\pm$  0.75 db 30-15,000 cps. Output level is 1.5v for 100% modulation. Radiation is within FCC measurements. High impedance output. AM Section—Sensitivity: 80 microvolts per meter. Selectivity: 10 KC bandwidth. Frequency range: 530-1640 KC. Distortion: 10% harmonic. Frequency response:  $\pm$  3 db 20-5,000 cycles. Hum level: 45 db below 80% modulation. Total of 3 Controls: FM tuning, Function Selector (Off, FM, FM-AFC, AM, Stereo) and AM tuning. 3 rear panel Outputs: AM-FM Monaural and FM stereo, AM stereo, FM Multiplex, Escutcheon finish in brushed copper. Complete with a handsome enclosure. Tubes: 2-ECC85, 3-6AU6, 1-6AL5, 1-6AT8, 1-6BA6, Crystal Diode 1N87. Has one switched AC outlet. Power consumption: 40 watts. Size: 13 $\frac{1}{2}$  x 4 $\frac{1}{2}$  x 13 $\frac{1}{2}$ ". Shpg. wt., 15 lbs.

**G-224WX** ..... 12.00 Down ..... **Net 119.95**

**NEW "LYRIC" F250 FM TUNER****F250**

The Lyric is a magnificent new FM tuner designed to accommodate the long awaited multiplex compatible stereo broadcasting. Provides signal and power supply to drive the multiplex adapter, (MA-250) and the physical space within its enclosure to accept it. Its RF stage consists of a "Shaded Grid" VHF tetraode. Remarkably high sensitivity and extremely low noise results. The F250 also incorporates the new "Gated Beam" limiter with zero time constant grid circuit for superior impulse noise rejection, uniform limiting and uniform output at all signal levels. The new Lyric provides excellent selectivity with a broad band pass for lowest signal distortion. Three broadly coupled IF stages provide the high gain necessary for full limiting of even the weakest signal. Features the new electronic bar tuning indicator. Sensitivity is 0.95 microvolt for 20 db quieting. Selectivity: 240KC bandwidth. Discriminator peak to peak separation is .6 megacycles. Frequency range from 88 to 108 M.C. Drift is  $\pm$  20 KC

with AFC off and only  $\pm$  2% KC with AFC on. Image rejection is 40 db. IF rejection is 70 db. Antenna inputs 300 ohms. Distortion less than 0.1% 1M at 30% modulation, and less than 0.7% 1M at 100% modulation. Frequency response:  $\pm$   $\frac{1}{2}$  db 20-20,000 cps. including standard 75 micro-second de-emphasis. Hum level: 60 db below 100% modulation. Front Panel Controls include Tuning and Function Selector (Off, FM, FM-AFC, FM-Multiplex). 2 low impedance outputs. Power consumption: 30 watts. Tubes: 1-6CY5, 1-6BC5, 1-6BK7B, 3-6AU6, 1-6AL5, 1-6CA4, 1-6BN6, 1-EM84. Escutcheon finish is brushed copper; less cage. Size: 15 $\frac{1}{2}$  x 4 $\frac{1}{2}$  x 13 $\frac{1}{2}$ ". Shpg. wt., 25 lbs.

**G-225WX** ..... 13.00 Down ..... **Net 129.95**  
Model TC50. Enclosure for F250 in brushed copper with black display panel. Shpg. wt., 7 lbs.

**G-226W** ..... Shpg. wt., 3 lbs. ..... **Net 125.00**

MA250. Stereo Multiplex Adapter for F250, 3 lbs.

**G-229** ..... 5.00 Down ..... **Net 49.95**

**ALLEGRO A-10 10 WATT AMPLIFIER****A-10**

This unit embodies every important advance in a high fidelity amplifier at a remarkable budget price. Amongst its features are full range treble and bass controls; Frequency response and hum specifications are exceptionally good; Ideally suited for stereo adaptations and is also the perfect companion for the new F-10 tempo FM tuner. Audio specifications are: Output Level: 10 watts less than 1% harmonic distortion; Peak power: 20 watts; Speaker Outputs: 8 and 16 ohms; Frequency Response:  $\pm$  0.5 db 15-30,000 cps at 2 watts and  $\pm$  1 db 45-20,000 cps at 10 watts. Hum: minimum volume 80 db below 10 watts; Input Levels: aux. and tuner .5 volts; Phono 4  $\mu$ v. at 1

KC will not overload with input level below 180  $\mu$ v; tape 1.5  $\mu$ v at 250 cycles. Record Equalization: RIAA, Tape Equalization: 7 $\frac{1}{2}$  IPS, NARTB. Controls: Loudness, Bass, treble and Functions Selector (Tuner/Aux, RIAA-Phono, Tape head). One convenience AC receptacle on chassis. Tubes: 2-12AX7, 2-E184, 1-E280. Size: 12-1/16" x 4" x 6 $\frac{1}{2}$ ". Power consumption is 55 watts at 117 volts, 60 cycle AC. Complete with enclosure. Control panel is finished in copper, and the enclosure in black. Shpg. wt., 11 lbs.

**G-227** ..... 5.00 Down ..... **Net 49.95**

**SONATA FA-10 FM RECEIVER AMPLIFIER****FA-10**

An exciting 3-in-1 chassis, combining an FM tuner, complete preamplifier and power amplifier in one handsome compact assembly. Easily adaptable in stereo. RF Specifications: Sensitivity: 2.5  $\mu$ v for 20 db quieting; Selectivity: 200 kc bandwidth 6 db down; Distortion: less than 1% harmonic and 1M; Hum Level: 60 db below 100% modulation. Meets FCC radiation specs. Audio Specifications: Output Levels: 10 watts at less than 1% harmonic

distortion, Speaker Outputs: 8 and 16 ohms; Frequency Response:  $\pm$  .5 db 15-30,000 cps. Controls: Function (Tape Head, Phono RIAA, FM, AUX), Loudness/ON-OFF, Tuning, Treble, Bass and Contour. Size: 13 $\frac{1}{2}$  x 11 x 4-19/32". Black enclosure is finished with copper. For 117 volts, 60 cycles AC. Shpg. Wt., 18 lbs.

**G-228WX** ..... 11.50 Down ..... **Net 114.95**

# Bogen DELUXE STEREO AND MONAURAL



BOGEN SRB-20

## SRB20 STEREO RECEIVER

Here is an all-in-one stereo instrument that is years ahead in design and performance. It's a highly sensitive FM-AM Stereo tuner, it's a versatile stereo audio control center, it's a magnificent 20 watt (10 per channel) stereo amplifier—all in one compact unit. With this remarkable new receiver you are assured of superb high fidelity performance combined with versatility of operation never before associated with a single component. **CONTROLS:** Function Selector; FM Tuning; AM Tuning; Separate Bass and Treble for each channel (lock for simultaneous control of both); Volume for each channel (lock for simultaneous control); Separate On-Off Power; FM On-Off and AFC; AM On-Off; Multiplex. **SPECIFICATIONS:** Output Power: 20 watts (2 10 watt channels). Antennas: Built-in FM and AM antennas; Frequency Response: 20-20,000 cps.  $\pm$  1 db. Noise and Hum: FM: -58 db; AM: -48 db; Mag Phono: -50 db; Crystal Phono -70 db. Output Impedance: 4, 8, and 16 ohms. Tubes: 16 plus 3 crystal diodes, incl. 1 matched pr. RF Sensitivity: FM: 4  $\mu$ V; AM: 250  $\mu$ V per meter—loop sensitivity. Audio Sensitivity: Mag: 4 mV; Signal-to-Noise: 45 db. Crystal/Aux: 1/2v; Signal-to-Noise: 60 db. Distortion: FM: 1.5%; AM: 3%; Phono (Mag): 0.6% of continuous power output. Dimensions: 16 1/2" wide, 12 1/2" deep, 5 1/4" high. Shpg. wt., 25 lbs. G-189WX Stereo Receiver .....19.95 Down..... Net 199.50 G-195W Model ENBI Enclosure and legs, 5 lbs...Net 8.50



BOGEN DB-230A

## DB230A 60-WATT STEREO AMPLIFIER

The ultimate in a stereo amplifier for top quality and design. With this system you can control all types of stereo and monaural program sources, and feed them through the dual 30-watt amplifiers. When you use it monaurally you have the combined 60 watts available, with a special switching arrangement for monaural records. Features include separate bass, treble and volume controls for each channel and special Speaker Phasing Switch to eliminate "hole-in-the-middle" effects. **SPECIFICATIONS:** Power Output: 30 watts (60 watts peak) each channel for stereo, 60 watts (120 watts peak) for monaural. Harmonic Distortion: less than 1% at rated output. Frequency Response: 20 to 20,000 cps  $\pm$  0.5 db. Hum and Noise: (below rated output) fundamental -85 db. Inputs: (total 10-5 channel 1, 5 channel 2). Mag. cartridge, crystal (total 10-5 channel 1, 5 channel 2). Tape 78, Old, RIAA, Rod, Aux; Mode Switch; Dual Volume; Dual Bass; Dual Treble; Loudness; Speaker Phasing; Phono; Phono Mix; Lo Filter; Hi Filter. Output impedances: 4, 8 and 16 ohms. Dimensions: 15" W x 5 1/4" H x 13 1/4" D. Shpg. Wt., 40 lbs. G-187WX Stereo Amplifier .....18.95 Down..... Net 189.50 G-188W Model CEG Enclosure and Legs, 5 lbs...Net 8.00



BOGEN DB212

## DB212 24 WATT STEREO AMPLIFIER

With this "Stereo-Control Center" you can precisely control all stereo sources and feed them through the self contained dual amplifiers to your speaker systems. When you use monaural program sources you have 24 watts of power available to the speaker system. You can also feed one channel monaurally through the tweeter and mid-range speakers, and the other monaurally through the low range speaker. You can thus control the presence and crossover frequencies by means of the tone controls. "Speaker Phasing Switch" eliminates the "hole-in-the-middle" effect. **Output Power:** 24 watts (two 12 watt channels) peak power 48 watts. **Harmonic Distortion:** 0.5% of rated output. **Frequency Response:** 20 to 20,000 cps  $\pm$  1 db. **Speaker Outputs:** 4, 8, and 16 ohms. **Tone Controls:** Bass  $\pm$  10 db at 60 cycles; Treble  $\pm$  10 db at 10,000 cycles. **Controls:** 4 position selector switch (Tape, phono, radio, aux.); Function switch (Monaural; Channel 1, Channel 2, Channels 1 and 2; Stereophonic; normal, inverted). **Volume; Bass; Treble; Hi-filter (flat, 4 kc). Lo-filter (flat, 100 cps); Speaker (2 position). Power on-off switch. Tubes:** (9) two 12AX7/7025, two 6U8, four 6V6GT, one E281. **Dimensions:** 15" W x 4 1/4" H x 12 1/4" D. For 110-120 V, 60 cycles AC. Shpg. wt., 20 lbs. G-185WX Stereo Amplifier.....11.99 Down.....Net 119.95 G-186W Model BEG Enclosure and Legs, 4 lbs...Net 7.50



BOGEN PR-2

## BOGEN PR2 STEREO PREAMPLIFIER

A superb stereo preamplifier and control unit which will add distinction to any music system. This high quality unit has all the controls necessary to provide complete flexibility of operation, thereby allowing you to enjoy superior performance in any listening situation. Inputs are furnished for a variety of stereo or microphonic program sources—tuner, high and low level phono, tape head, microphone and multiplex adapter. Other features include a dual tape recorder output for stereo recording, individual volume, bass and treble controls for each channel plus the convenience of position indicator lights on input selector switch and mode. To insure minimum hum, DC is supplied to all input tubes. **SPECIFICATIONS:** Frequency

Response: 20-20,000 cps  $\pm$  1 db; Distortion: Better than 0.4% at rated output; Noise and Hum: High Level inputs - 65 db, Low Level inputs - 55 db below rated output. **Outputs:** 2V from cathode followers. **CONTROLS:** 6 position input selector; Dual Volume, Bass and Treble controls; Mode Selector: Stereo reverse-Left Channel-Right Channel-Stereo normal-Monophonic left-Monophonic right; Panel Switches: (6) Power, Loudness, Phase, Hi-filter, Lo-filter, Monophonic phono. **TUBES:** Total 6, 2-12AX7, 2-TZ47, 1-6C4, 1-6X4. Size: 15" W x 4 1/4" H x 8" D. Shpg. Wt., 12 lbs. Include built-in power supply. G-190WX Stereo Preamplifier.....8.95 Down.....Net 89.50 G-205W Model DEG Enclosure and legs, 5 lbs...Net 7.50



BOGEN DS-225

## DS225 50 WATT STEREO POWER AMPLIFIER

Here is a stereo basic amplifier with superior performance characteristics and all the power to satisfy most requirements. Providing 25 watts of continuous power per channel—a hefty 50 watts when operated monaurally—it offers extremely faithful reproduction over the entire listening range—with virtually no distortion. It is a perfect companion piece for the new Bogen PR2 preamplifier or STP52 Tuner-Preamplifier, and will provide you with years of clean, trouble-free performance and absolute reliability. **SPECIFICATIONS:** Output: 50 watts (25 per channel).

Peak Power: 100 watts. Response: 20-20,000 cps  $\pm$  1 db. Distortion: Better than 0.5% at rated output. Noise and Hum: 85 db below rated output. Sensitivity: 2V input for rated output. Input impedances: 100,000 ohms. Output Impedance, 4, 8, 16 ohms. Tubes: (Total 9) 4-7355, 2-5CU4, 2-12AX7, 1-12AU7. Power Consumption: 117V. AC 60 cps, 230 watts at full output. Size: 7 1/4" x 17 1/4" x 6 1/4". Shpg. wt., 21 lbs. G-192WX Stereo Power Amplifier..7.99 Down...Net 79.95



BOGEN DS-265

## DS265 130 WATT STEREO POWER AMPLIFIER

A superb high power amplifier with unique output circuitry that permits the handling of tremendous instantaneous, undistorted peak pulses of power—up to 260 watts. The two 65 watt channels provide adequate power and superb reproduction over the audio range with no clipping or distortion—ideal for use with the new low efficiency, high compliance speakers. **SPECIFICATIONS:** Output: 130 watts (65 per channel); Peak Power: 260 watts; Distortion: Better than 0.5% at rated output; Frequency Response: 20

to 20,000 cps  $\pm$  1 db; Noise and Hum: 85 db below rated output; Sensitivity: 2V for rated output; Input Impedance: 100,000 ohms; Output Impedance: 4, 8, 16 ohms; Controls: Power (On-Off), Output power limiting switch; Tubes: (Total 9) 4-7027A, 2-5CU4, 2-12AX7, 1-12AU7; Power Consumption: 117V. AC, 60 cps., 400 watts at full outputs; Size: 7 1/4" x 17 1/4" x 6 1/4". Shpg. Wt., 35 lbs. G-193WX Stereo Power Amplifier .....Net 149.50 14.95 Down



BOGEN DB-130A

## DB130A 35 WATT AMPLIFIER

This superb 35 watt high fidelity monaural amplifier combines professional performance with every significant feature and refinement known to the monaural audio art. It also offers distinctive high fashion styling worthy of a place in the finest homes. This amplifier can be adapted to Stereo without modifications. **SPECIFICATIONS:** Power Output: 35 watts; tone burst peak power: 100 watts. Frequency Response: 15-30,000 cps  $\pm$  0.5 db. Harmonic Distortion: 0.3% at 35 watts. Intermodulation Distortion: 1.5% at 35 watts. Gain: Phono (Lo Mag) 113 db; Phono (Hi Mag) 105 db; Aux Tape, Tuner: 85 db. Hum and Noise: Fundamental -85 db; Low Level Inputs -60 db; High Level Inputs -80 db. Inputs: Low Magnetic, High Magnetic, Hi-Fi Crystal, Tuner, Tape, Auxiliary. Outputs: Speakers, Tape. Controls: Power (ON-OFF), Volume, Bass  $\pm$  15 . . . 0 . . . -15 db.

Treble  $\pm$  15 . . . 0 . . . -15 db. Contour (Loudness Contour): 0, -5, -10, -20, -30 db. Selector (Inputs): Phono, Radio, Tape, Aux. Equalizer; Selector: US78, EU78, AES, RIAA, COL LP, NAB, POP. Damping factor:  $\pm$  0.1 . . . Infinity . . . -1.5 (continuously variable). Lo Filter: Flat, 50 cps, 100 cps. High Filter: Flat, 8,000 cps, 4,000 cps. Speaker selector A, AB, 8. Tape Monitor (ON-OFF). Aux. adj.: Auxiliary channel level-set control. Hum adj.: adjustment for minimum hum. Output Impedances: 16, 8, 4 ohms. Tuner Power, Aux-500K-110-120 Volts 60 cps AC. Tube Complement (total 9): two 12AX7, two 6CG7, one 12AU7, two 6AV5GA/GT, two 5Y3GT. Overall dimensions 15" W x 4 1/4" H x 12 1/4" D. Shpg. wt., 23 lbs. G-194WX Monaural Amplifier..12.95 Down...Net 129.50 G-186W Model BEG Enclosure and Legs, 4 lbs...Net 7.50

# HIGH FIDELITY COMPONENTS

# Bogen



**BOGEN STP52**

## STP52 STEREO TUNER — PREAMPLIFIER

An exceptionally fine stereo FM-AM tuner and stereo control center on one compact chassis. In addition to advanced styling, it offers superb sensitivity and selectivity. Cathode follower outputs permit you to separate it from your power amplifiers. Operation is the simplest yet. Front panel controls provide a wide range of versatility in operation. Separate bass and treble controls for each channel provide ideal control of sound quality. Dual volume controls permit easy one-hand balancing for perfect stereo listening. SPECIFICATIONS: Antennas: Built-in FM and AM antennas. Frequency Response: FM: 20-20,000 cycles,  $\pm 1$  db. Noise and Hum: FM:  $-58$  db; AM:  $-48$  db; Phono: Mag.:  $-60$  db, Crystal:  $-70$  db. [DC on filaments of preamp. input]. Output Impedances: 4, 8, and 16 ohms. Tubes: 13 plus 3 crystal diodes, incl. 1 matched pr., selenium rectifier. RF Sensitivity: FM 4  $\mu$ V AM: 250  $\mu$ V per meter—loop sensitivity. Audio Sensitivity: Mag: 4 mV; Signal-to-Noise: 45 db. Crystal/Aux:  $\frac{1}{2}$  v; Signal-to-Noise: 60 db. Distortion: FM: 1.5%; AM: 3%; Phono (Mag): less than 0.5% at rated output, 2 volts. Controls: Function Selector, Dual Volume, Dual Bass, Dual Treble, FM tuning, AM tuning, Off-On, FM-AFC, AM-Multiplex. Size:  $1\frac{1}{2}$ " W, 12 $\frac{1}{2}$ " deep,  $5\frac{1}{2}$ " high. Shpg. wt., 22 lbs.

G-196WX Stereo Tuner-Preamplifier .....15.95 Down  
Net 159.95  
G-195W Model ENB1 Enclosure and Legs 5 lbs. Net 8.50



**BOGEN FM51**

## ST442 STEREO FM-AM TUNER

A professional quality instrument for FM, AM, or stereo FM-AM, with superb sensitivity and selectivity on both AM and FM tuning bands. Advanced FM circuitry includes Automatic Frequency Control—stations are "locked in". Automatic Volume Control in both FM and AM provides constant sound levels even with distant stations, prevents overloading under strong signal conditions. Fine tuning is easy with the visual FM-AM tuning meter. Other features include: Cathode follower outputs; built-in FM and AM antennas; provision for Multiplex adapter built-in. SPECIFICATIONS: Sensitivity: FM 1.5  $\mu$ V—30 db quieting at 75 ohm input, and 3.0  $\mu$ V—30 db quieting at 300 ohms input. AM: Loop Sensitivity—100  $\mu$ V/meter for 20 db S/N. Frequency Response: FM: 20-18,000 cps.  $\pm .5$  db; AM: 20-4,500 cps.  $\pm 1.5$  db. Controls: Selector Switch—Stereo (FM-AM), FM, AM, Multiplex, AFC out, FM Tuning, AM Tuning; Power Switch. Tubes: 1-6AB4, 1-12AT7, 2-6AU6, 2-6BA6, 1-6BE6, 1-12AU7, 1-EZ80, 2 prematched IN542 crystal diodes, 1-IN541 crystal diode. Power Requirements: 117V. 60 cps. AC, 20 watts, .75 amp. Size: 15" x 4 $\frac{1}{2}$ " x 12 $\frac{1}{2}$ ". Shpg. wt., 20 lbs.

G-197WX Stereo FM-AM Tuner 14.95 Down Net 149.50  
G-186W Model BEG Enclosure and legs 4 lbs. Net 7.50



**BOGEN ST442**

## FM51 FM TUNER

This is an exceptionally fine basic tuner designed for use in high fidelity home sound systems. It can receive FM and FM multiplex stereo programs. It can also be combined with other components to form a superlative stereo system. Extreme sensitivity and selectivity assure clear reception of even weak and distant stations. Automatic Frequency Control "locks in" stations at their optimum listening point. Low noise front section consists of double tuned RF amplifier and two IF stages. Ratio detector plus limiter for dual limiter and discriminator functions. "Magic Eye" tuning assures easy pinpointing of stations. Other features include a built-in line antenna and provision for Multiplex adapter built-in. SPECIFICATIONS: Sensitivity: 1.25  $\mu$ V, 30 db quieting at 75 ohm input, 2.5  $\mu$ V, 30 db quieting at 300 ohm input. Selectivity: 180 kc, 3 db down. Frequency Response: 20-18,000 cps  $\pm 0.5$  db. Audio Output: IV, high impedance. Controls: Selector; Power (ON-OFF), AFC Out, Tuning. Outputs: Normal (for amplifier, disc or tape recorder) and multiplex. Power Requirements: 117V, 60 cps, 50 watts, 0.5 amp. Tubes: 1-6AB4, 1-12AT7, ECC81, 4-6AU6, 1-6X4, 1-EM840, 2 matched IN542 Xtal diodes, Size: 12" W x 4 $\frac{1}{2}$ " H x 12 $\frac{1}{2}$ " D. Shpg. wt., 14 lbs.

G-198WX FM TUNER .....11.50 Down.....Net 115.00  
G-199W Model AEG Enclosure and legs 3 lbs. Net 6.00

## RC412 STEREO RECEIVER

Here is an all-in-one stereo 12 watt amplifier, stereo control center and stereo FM-AM tuner. A complete music center, with all the power, all the controls needed for a true component high fidelity system. All you need to complete your system are the speakers of your choice, plus a record player if desired. Included in this budget-priced receiver are built-in FM and AM antennas, dual volume controls for easy one-hand balancing of both channels, master bass and treble controls, separate AM and FM tuning, Automatic Frequency Control and provision for a multiplex adapter built-in. Specifications: Output Power: 12 watts (two 6 watt channels) music waveform rating. Antennas: Built-in FM and AM anten-

nas. Frequency Response: 30-15,000 cycles.  $\pm 1$  db. Noise and Hum: FM:  $-58$  db; AM:  $-48$  db; Phono: Mag:  $-45$  db; Crystal:  $-55$  db. Output Impedances: 4, 8, and 16 ohms. Tubes: 15 (plus 3 crystal diodes, incl. 1 matched pr.). RF Sensitivity: FM: 4  $\mu$ V; AM: 250  $\mu$ V per meter—loop sensitivity. Audio Sensitivity: Mag: 4 mV; Signal-to-Noise: 45 db. Crystal/Aux:  $\frac{1}{2}$  v; Signal-to-Noise: 60 db. Distortion: FM: 1.5%; AM: 3%; Phono (Mag): less than 1% at continuous power output. Size: 16 $\frac{1}{2}$ " W x 12 $\frac{1}{2}$ " D x 5 $\frac{1}{2}$ " H. Shpg. wt., 25 lbs.

G-200WX Stereo Receiver.....16.95 Down.....Net 169.50  
G-201W Model ENC 1 Enclosure and Legs ..5 lbs.....8.50



**BOGEN RC412**

## T661 AM-FM TUNER

For the audiophile who puts himself a step ahead, this tuner is among the finest. This is a radiation proof FM/AM tuner employing a highly sensitive and selective FM circuit, Foster-Seeley discriminator and dual limiter, low-noise front section consists of tuned RF and two IF stages and AFC temp. compensated oscillator. AM section features 10KC whistle filter, AVC, and cathode follower output. SPECIFICATIONS: Sensitivity: FM: 1.2  $\mu$ V 30 db quieting, 75 ohm antenna; 2.5  $\mu$ V 30 db quieting, 300 ohm antenna. AM: Loop sensitivity 10  $\mu$ V/meter, 20 db. s/n. Frequency Response: FM:  $\pm 0.5$  db, 20-18,000

cps. AM:  $-3$  db, 20-5,000 cps. Distortion: FM: 1.5% at 100% modulation. Hum Level: FM: 60 db down from 1-volt output; AM: 55 db down from 1 volt output. Controls: Selector, Off, AM, FM, AFC Out, Tuning. Tubes (10) plus 3 Xtal diodes, 1-6AB4, 1-12AU7, 1-12AT7, 1-6BE6, 1-6BA6, 4-6AU6, 1-6X4, 2-matched IN542 crystal diodes, 1-IN541 crystal diode. Size: 12" W x 4 $\frac{1}{2}$ " H x 12 $\frac{1}{2}$ " D. Shpg. wt., 16 lbs.

G-202WX AM-FM TUNER.....13.95 Down.....Net 139.50  
G-199W Model AEG Enclosure and legs 3 lbs. Net 6.00



**BOGEN T661**

## ST662 STEREO AM-FM TUNER

Advanced—designed for superb stereo or monaural FM and AM reception. For listening to Stereo AM-FM, or for monaurally utilizing the added power and speakers of your stereophonic equipment. Precise tuning is assured with separate eye-tuning indicators. Specifications: Sensitivity: FM: 1.25  $\mu$ V—30 db quieting at 75 ohms input, and 2.5  $\mu$ V—30 db quieting at 300 ohm input. AM: Loop sensitivity—100  $\mu$ V/meter for 20 db S/N. Frequency Response: FM, 20-18,000 cps  $\pm .5$  db Controls: Selector Switch—Power, (on-off), Stereo AM, FM, AFC out, Tuning. Outputs: AM, FM, monaural, and multiplex.

Features: Lock in AFC on FM. AVC on both FM and AM. Slide switch in rear of chassis permits convenient use of tuner in monaural systems. Tubes: 1-6AB4, 2-12AT7, 3-6AU6, 2-6BA6, 1-6BE6, 1-EZ80, 2-EM84, 2-matched IN542 diodes, 1-IN541 diode. Requires 117 V, AC, 60 cycles at .65 amps; draws 75 watts. Size: 15" W x 10 $\frac{1}{2}$ " D x 4 $\frac{1}{2}$ " H, excluding knobs and loopstick antenna. Shpg. wt., 19 lbs.

G-203WX Stereo AM-FM Tuner 18.95 Down Net 189.50  
G-186W Model BEG Enclosure with legs 4 lbs. Net 7.50



**BOGEN ST662**

## RB115 FM/AM TUNER AMPLIFIER

This advance designed unit is a high fidelity gem. Its high fashion decor serves as a focal point in all types of contemporary and modern furnishings. This compactly designed instrument lends itself where there are space limitations. This exciting receiver not only does triple duty as a superb AM-FM tuner, a powerful amplifier and a complete preamplifier, but it can also function as the nucleus of a complete stereo high fidelity system. Simply plug in Bogen STA1 Stereo adapter and necessary second channel equipment (stereo record player, stereo tape, second amplifier and second speaker system) and you are all set up for stereo enjoyment. Responses: 20-20,000 cps  $\pm 1$  db. Power Output: 15 watts at less than 2% distortion. Sensitivity: FM: 3.5  $\mu$ V for 30 db quieting; AM: 5  $\mu$ V

for 20 db s/n. Selectivity: FM: 180 KC, 3 db; AM: 8 KC, 3 db. FM circuit Armstrong type with limiter and Foster-Seeley discriminator. Controls: compensated volume control; loudness OFF-ON switch; Bass; Treble; Equalization selector switch (old, 78, RIAA, AFC out, FM, AM, AUX); Lo Filter at 100C, Hi Filter at 4 KC, Speaker Selector Switch (A, AB, B), tuning. Output Impedances: 4, 8, and 16 ohms. Tubes: 13 (plus 3 crystal diodes). Power requirements: 85 ma at 117 volts 60 cps. Size is 15" W x 4 $\frac{1}{2}$ " H x 12 $\frac{1}{2}$ " D. Shpg. wt., 21 lbs.

G-204WX AM-FM Tuner Amplifier .....15.95 Down  
Net 159.50  
G-186W Model BEG Enclosure with legs  
Shpg. wt., 4 lbs. Net 7.50



**BOGEN RB115**

HI-FI COMPONENTS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302



# OUTSTANDING HIGH



## NEW 299 COMPLETE STEREO AMPLIFIER

Amazing features make this stereo amplifier with dual 20 watt channels and dual preamplifiers an exciting new Hi-Fi component. Includes a 3rd channel output for the ultimate in stereo reproduction. Features are: separate Bass and Treble controls for each channel; low level stereo cartridge inputs for cartridges with exceptionally low outputs; Balance Control for balancing both channels; Master Volume Control with loudness switch for tonal balance; Phase Reversal Switch; corrects reversed phasing on improperly made recordings; Master Function Selector switches to: stereo records lo-level or hi-level cartridges, stereo FM/AM broadcasts, use of stereo cartridge for monaural records, for a monaural source through both amplifiers. Unit is also used as a monaural electronic crossover. Controls: Function selector, Bal. A, Bal. B, Stereo, Reverse Stereo, Monaural Records, Channel A, Channel B; Loudness, Loudness-volume switch; Scratch filter ON-OFF; Rumble ON-OFF; Channel A and Channel B mag. inputs 1 and 2; Phase reversal switch; 2 sets of Bass and Treble controls for channels A & B; Balance control; Input selector sw. Includes compensation for all records, tapes, tuners and TV. Inputs: 2 low level, 3 high level. Outputs: Tape recorder output, center channel output, and speaker impedance of 4, 8, and 16 ohms for each channel. Freq. Response: 20 to 30,000 cps; Power output per section 20 watts, 40 watts peak; Harmonic Distortion: 0.8%; IM 0.3%; Tubes: 6-12AX7, 4-EL84, 1-5U46. Size: 15 1/2" x 5" x 12 1/2"; (accessory cases available in wood and steel); Size: 4 1/2" x 15" x 12". Shpg. wt., 35 lbs. G-135WX 20.00 Down Net 199.95



## 130 STEREO PREAMPLIFIER

This stereo preamplifier can be used manually or as an electronic crossover. Special circuitry permits the stereo cartridge to be used for monaural records. A phasing switch permits phase reversal of one of the channels if program material requires it. A third center channel is provided for another amplifier to achieve optimum realism. Balancing for each of the channels is provided. Visual indication of mode of operation is provided. Separate bass and treble control is provided for each channel. Stereo selector switch has Balance A, Balance B, monaural records, stereo, Reverse stereo, Channel A monaurally through both amps., Channel B monaurally through both amps; Channel A treble, bass and crossover; Channel B treble, bass and crossover; Stereo Balance Channel A only, Channel B only; Loudness; Loudness Volume switch; Phasing switch; Scratch filter; Rumble filter; Input selector has 8 positions covering all types of equalization. Pickup selector 1 & 2. Two magnetic stereo inputs available. There are 2 hi level stereo inputs for AM/FM stereo tuner or tape recorder. There are microphone provisions.

Rear controls include: Phono level, NARTB tape level, tape playback level, and 2 level controls for high level inputs—Outputs include: Channel A, Channel B, and center channel. Phase reverse switch places channel A and B 180° out of phase making possible the use of vertical transcription records. Specifications: Frequency response: 19 to 35,000 cps; Harmonic distortion: 0.15% at rated output; Size: 15 1/2" x 4 3/4" x 12 1/2". Shpg. wt., 15 lbs. G-136WX 17.00 Down Net 169.95



## 222 24-WATT COMPLETE STEREO AMPLIFIER

A high quality 24 watt stereo amplifier for hi-fi fan with a limited budget. Outstanding features include separate bass and treble controls for each channel, unique balance system bringing both channels into proper volume using music, provision for playing monophonic records using stereo cartridge; unique center channel output that lets you use a 3rd power amplifier and speaker for 3 channel stereo system, and special circuitry minimizing RF channel interference, etc. Stereo selector sw has — Balance Channel A; Balance Channel B; monophonic records; stereo; rev. stereo; channel A monophonic; channel B monophonic. Front panel controls include: Input selector (phono or tape head, tuner, tape, stereo); separate Bass and Treble for each channel; stereo balance; loudness; volume-loudness; scratch; equalization (RIAA or NARTB tape). Input facilities: low (3mv sensitivity) mag., high (9mv sensitivity) mag; tuner, tape. Outputs: Stereo tape; 4, 8, 16 ohm speaker outputs on each channel; center channel; switched accessory AC outlet. Power output 12 watts per channel; hum and noise better than 80 db below full power output; harmonic distortion 8% at rated output; frequency response 20 cps to 30,000 cps; intermodulation distortion less than 0.3%. Input impedance 47K ohms on phono inputs, 500K ohms on high level inputs. Size: 4 1/2" x 15" x 12 1/2". Shpg. wt., 22 lbs. G-137WX 14.00 Down Net 139.95



## 250 40 WATT LABORATORY BASIC AMPLIFIER

This entirely new basic amplifier has 40 watts undistorted audio waveforms. It can be used in expanded stereo-phonics music systems for optimum realism and concert hall reception. Harmonic Distortion: less than 0.5%; IM distortion less than 0.1%; Peak Power: 80 watts; Long time continuous maximum power 35 watts; negligible distortion at low levels; clean symmetrical clipping at high

levels; Freq. Response: 12 to 60,000 cps; Self balancing phase inverter; Hum Level: 85 db below full output. Output Impedances: 4 to 24 ohms. Controls: Input level, Hum balance, DC and AC balance. Tubes: 2-6CA7, 1-5U4, 2-12AX7, 105-125 V. 50-60 cycle AC. Size: 13" x 11" x 6 1/2". Shpg. wt., 20 lbs. G-138WX 13.00 Down Net 129.95



## NEW 135 STEREO-DAPTOR

Addition of Stereo-Daptor and second amplifier permits instant expansion of monaural systems to stereo programming from any source. Features include: Loudness compensation for both channels; playing of monaural records with stereo pickup; reversal of channels if program material requires this; master volume control to adjust volume on both channels simultaneously. Can be used with amplifiers: 99-A, B, C, D; 210F, 120A, 120B, 210C; 121-A, B, C; 210-D, E; or any system having separate preamps

and amplifiers; and two identical complete amplifiers having tape monitoring facilities. Controls: Master Volume; Loudness Volume; Function Selector; with stereo, stereo reverse, monaural records, monaural channel A, monaural Channel B; Tape Monitor; Power off. Includes 4 two foot shielded cables for necessary connections. Less Case Size: 7" x 5 1/4" x 5 1/2". Shpg. wt., 2 lbs. G-141 5.00 Down Net 24.95



## 99D 22 WATT COMPLETE AMPLIFIER

Important new features make this model better than ever. Provision for instant adaptation to stereo. Front panel controls: Record Compensator; Input Selector; Bass; Treble; Loudness — Power; Rumble filter; Scratch filter; Loudness — Vol.; Pickup selector; Tape monitor; Rear panel connections: Mag. Input 1; Mag. Input 2 — low and 2-high; tuner, tape; TV inputs; stereo-Daptor output (to recorder)

and input (to tape monitor); speakers 1 and 2, 4, 8, and 16 ohm taps. Freq. Response: 20 to 30K. Hum and noise inaudible. Power output: 22 watts, 44 watts peak. Harmonic distortion: 0.8%. For 105-125V. 60 cps. 6 tubes. Less case. Size: 4 1/2" x 15" x 12". Shpg. wt., 20 lbs. G-142WX 11.00 Down Net 109.95

## NEW LONDON-SCOTT FFSS STEREO ARM & CARTRIDGE

New London-Scott matched stereophonic arm and cartridge is the result of team effort between H. H. Scott engineers and the London Records research staff. A truly remarkable stereo pickup with extremely low moving mass, cross-talk, and distortion. Tip mass less than 1 mg. reduces record wear to an absolute minimum and assures accurate tracking even at high volume levels. .5 mil stylus assures minimum record wear and distortion. Balanced-call construction provides unmeasurable hum levels. Precision ground needle bearing reduces vertical friction to an ab-

solute minimum. Precision ball bearings reduce friction as arm moves laterally across record. Controlled lateral damping minimizes sensitivity of arm to external vibration. The arm is constructed of chrome anodized aluminum to reduce weight. Frequency response: 20 to 20,000 cps. Cross-talk better than —25 db. Output: 4 millivolts. Tracking pressure: 3.5 grams. Supplied complete with arm rest, cables, and hardware. Shpg. wt., 4 lbs. G-140 8.95 Down Net 89.50



# FIDELITY COMPONENTS



## 330D STEREO AM-FM TUNER

This completely new design features famous wide-band FM circuitry and wide-range AM circuitry. Separate AM and FM sections for reception of stereo AM and FM broadcasts. Features new stereo phase reverse circuitry, new illuminated tuning and signal strength meter for FM and AM precision tuning, and new built-in Ferris-loops for improved AM reception. FM Section: Sensitivity of 2 microvolts for 20 db quieting on 300 ohm input; wide-band circuitry consists of 150 kc IF passband, 2 megacycle detector BW; 2 stages of full limiting; automatic gain control makes manual adjustment of sensitivity unnecessary; low capture ratio; max. audio output 4 volts for 75 kc dev.; low impedance out.; separate tape and multiplex outputs. AM Section: 1 microvolt sensitivity for usable audio output; 3-position adjustable IF BW; 10 kc whistle filter; 4 volts audio output for full modulation. Extended freq. response compatible with FM quality. Controls include: FM tuning; AM tuning; Mode selector (Off, Mono, Stereo, Stereo rev.); band selector (FM, AM wide, AM normal, AM distant); Meter (AM, FM). Separate AM and FM level controls. Separate output jacks for stereo and tape. For 105-125V 50/60 cps. Size: 4 1/4 x 15 x 12 1/4". Shpg. wt., 17 lbs. G-143WX ..... 22.50 Down ..... Net 224.95



## 320 AM-FM TUNER

This brand new AM-FM tuner features complete provisions for adding multiplex adapter for reception of stereo multiplex broadcasts. New copper-clad aluminum chassis results in highest sensitivity with max. fidelity. Utilizes the latest advances in FM circuitry, wide-band design, wide-range low-distortion detector, etc. Slide-rule tuning dial includes logging scale. Precision-ray tuning indicator also gives relative signal strength. FM Section: 3 microvolt sensitivity on 300 ohm antenna for 20 db quieting; 150 kc IF passband; 2 megacycle detector BW; low capture ratio; automatic gain control; 2 stages of full limiting; meets all FCC radiation specs; equipped for multiplex operation. AM Section: separate RF amp. stage for max. selectivity and sensitivity; new circuitry for reception of hi-fi AM broadcasts; 10 kc whistle filter. Controls: Level; tuning; selector (Off, FM, AM normal, AM wide); mono-multiplex stereo sw. Outputs: Channel A high and low (tape); Channel B high and low (tape); audio output to multiplex adapter; multiplex out. Inputs: Channel A and B from multiplex adapter. Less case. Size: 4 1/4 x 15 x 12 1/4". Shpg. wt., 14 lbs. G-144WX ..... 14.00 Down ..... Net 139.95



## 311D BASIC FM TUNER

This moderate priced FM tuner brings the optimum in FM reception within the range of everyone's budget. New illuminated tuning and signal strength meter; new professional instrument tuning control. Silver plated RF circuitry results in sensitivity of 2 microvolts for 20 db quieting of 300 ohm output. Has 150 kc pass-band, 2 megacycle detector BW, 2 stages of full limiting, and 80 db rejection of spurious response from cross modulation by strong local signals. Automatic gain control. Low impedance output. Outputs: Channel A High and Low (tape); Channel B High and Low (tape); Multiplex output. Controls: Power on-off; Level; tuning. For 105-125 V., 50/60 cps. Less case. Size: 13 x 4 1/4 x 9 1/4". Shpg. wt., 15 lbs. G-145WX ..... 12.50 Down ..... Net 124.95

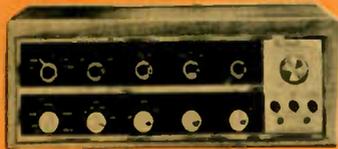
## 310-C FM BROADCAST MONITOR TUNER (NOT ILLUSTRATED)

Represents the highest standards of performance for FM reception. New professional instrument tuning controls with lighted lucite dial. DYNAURAL interstation noise suppressor is provided. Sensitivity is 1.5 micro-volts on 300 ohm input for 20 db quieting. Capture ratio of 2 1/2 db and 85 db rejection of spurious cross-modulation responses. Full 150 kc IF passband and 2 megacycle limits and detector; effectively 3 stages of full limiting. Meets new FCC Radiation requirements. Automatic gain control is provided. Max. audio output 4 v. for 75 kc deviation. Low impedance output. Controls: Power on-off; Level; Interstation noise suppressor; Local-Distant sw; FM tuning. Outputs: Channel A High and Low (tape); Channel B High and Low (tape); Multiplex out; switched AC outlet. Less Case. Size: 13 x 4 1/4 x 9 1/4". Shpg. wt., 18 lbs. G-146WX ..... 17.50 Down ..... Net 174.95

### SCOTT CASES (Av. Shpg. Wt., 1 1/2 lbs.)

STOCK NO.	SCOTT NO.	TYPE	COMPONENT NO.	PRICE	STOCK NO.	SCOTT NO.	TYPE	COMPONENT NO.	PRICE
G-147W	C	STEEL	99D, 130,	9.95	G-153W	DWW	WAL.	310C, 311D	19.95
G-149W	CW	MAH.	222, 131,	19.95	G-154W	DWB	BLONDE	310C, 311D	19.95
G-150W	CWW	WAL.	299, 320	19.95	G-155W	E	STEEL		4.95
G-151W	CWB	BLONDE	330D	19.95	G-156W	EW	MAH.	STEREO-DAPTOR 135	11.95
G-148W	D	STEEL	310C, 311D	9.95	G-157W	EW	WAL.		11.95
G-152W	DW	MAH.	310C, 311D	19.95	G-158W	EWB	BLONDE		11.95

# McINTOSH LABORATORY HI-FI COMPONENTS



MC-20

## C20 STEREO COMPENSATOR

The greatest listening pleasure in stereo or monophonic reproduction is assured as a result of over a year of careful and diligent research. Full stereo flexibility provided plus built-in protection for your investment in monophonic records. Made Selector has 6 positions including Stereo, Stereo Rev., Left Channel on left speaker only, Right channel on right speaker only, Left channel on both speakers, and Right channel on both speakers. Internally decouples a stereo phono cartridge to offer best quality reproduction from monophonic records. 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 6 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 to suppress hiss and noise. 180° phase reversal control. Balance: 40 db each channel to balance for unequal source material. Tape: Front panel jacks, push button sw. controlled, to permit the addition of portable recorder. Tape Monitor: Permits instantaneous monitoring. 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 to 20 KC. Distortion less than 0.2% at rated output. Hum and noise inaudible. Outputs: Main — 2.5V with rated input; tape — 0.25V with rated input. Power requirements: 117VAC; 35 watts. A.C. Aux. outlets: 1 unswitched and 3 switched. Less case. Size: 1 1/4 x 12 x 4 1/4". Shpg. wt., 19 lbs. G-170WX ..... 22.50 Down ..... Net 225.00

Model L55. Cabinet for C20 in mahogany or walnut. Shpg. wt., 5 lbs. Specify finish.

G-174W ..... 5.00 Down ..... Net 25.00



MC-30

## MC 30 WATT AMPLIFIER

Famous patented McIntosh output circuit cuts maximum inter modulation distortion to a low of 1/4% and harmonic distortion to less than 1/4% throughout the audible range even of full power, giving superlative amplification performance for Hi-Fi. Its extreme sensitivity, 0.5 volt input, enables it to be used directly with any FM-AM tuner, if desired, or with crystal or ceramic phono cartridge. This input has a gain control. This unit gives an extremely flat response, ± .1 db between 15-50,000 cps. Hum and noise are — 90 db and damping factor is 12. The amplifier has outputs of 4, 8, 16 and 600 ohms (balanced) Tubes are 2-12AX7, 12AU7, 12BH7, 2-1614, 5U4GA (Rectifier). Chrome and black finish. Dimensions: 1 3/4" x 8" x 8". Power consumption 155 watts, 117/125 v, 50/60 cycles AC. Shpg. wt., 34 lbs. G-171WX ..... 14.35 Down ..... Net 143.50

## MC-60 60 WATT AMPLIFIER

This amplifier is designed for the ultimate in quality and performance. With its patented output circuit and its 60 watts of power at less than .3% distortion from 20,000 cps., it guarantees complete absence of discordant tones and provides exquisite realism and purity of tone at low as well as at high volume levels. Has two inputs, one of low level sensitivity of .5 volts, with volume control for use with FM-AM tuner or similar low level device and one high level of 5 volts, input for use with preamplifier. Frequency response is ± 1 db from 20-30,000 cps, damping factor is 15 hum and noise level — 90 db. It has outputs of 4, 8, 16 and 600 ohms (balanced). Tubes are: 2-12AX7, 12AU7, 12BH7, 2-6650, 2-5U4GA (Rectifiers). Chrome and black finish. Power consumption 280 watts, 117/125 volts, 50/60 cps. AC. Dimensions 1 1/4" x 10" x 8". Shpg. wt., 48 lbs. G-172WX ..... 19.85 Down ..... Net 198.50



MC-60



MR-55A

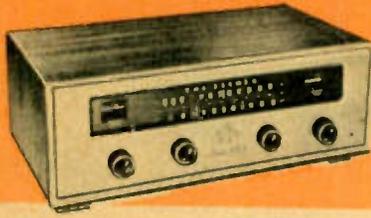
## MR-55A AM-FM TUNER

After 2 years of research, McIntosh has placed on the market an FM-AM tuner that is virtually distortion free. Significant specifications are: AM — Sensitivity — 1.5 μV; Selectivity — 3 positions — narrow, 4kc bandwidth; medium, 13kc bandwidth; broad — 20kc; A.V.C. — exceptionally strong, less than 4 db output change with input change of 10 μV — 100,000 μV; Distortion — less than 1% at 100% modulation; Hum — 50 db below full signal. Bandwidth — Broadband type, better than 20kc; over entire tunable range; Audio Bandwidth — Broad Position ± 3 db from 20 to 10kc, Medium Position ± 3 db from 20 to 6.5kc; Narrow Position ± 3 db from 20 to 2kc; FM — Sensitivity — 3μV at 100% modulation for a total of less than 3% total noise and distortion (± 75 kc DEV.); Capture Ratio — 1 to 0.8. IF Amplifiers — 4; IF Bandwidth — 200 kc, flat on top; Limiter and Detector Bandwidth — 2 MC; Frequency Response ± 3 db from 20 to 20,000 cycles. Hum — 75 db below full signal at least; AFC — separate detectors, strong, distortion free, completely variable; Drift ± 30 kc without AFC, negligible with AFC. Sharp tuning is accomplished by separate FM and AM needle-type illuminated indicators. Complete quieting between stations by Ultrasonic Muting. The FM-AFC control is a separate knob for "on-off" and variable control; The FM-AFC Defeat position for tuning is on a separate AM-FM selector knob. This control also has, in addition to the 3-AM bandwidth positions, a "phono" position for phono input control of your complete system. The other two knobs are the 3-position AM sensitivity control and the volume control — "on-off" power switch. It becomes obvious that this tuner will yield the highest kind of performance. Over all dimensions are 1 1/4 x 12 x 4 1/4" with a shipping weight of 28 lbs. G-173WX ..... 24.90 Down ..... Net 249.00

Model L55. Cabinet for MR-55A in mahogany or walnut. G-174W Shpg. wt., 2 lbs. 5.00 Down ..... Net 25.00

HI-FI COMPONENTS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

# THE FISHER . . . STEREO PHONIC HIGH



## NEW! MODEL 101-R FM-AM STEREO PHONIC TUNER

Here on one chassis is a true stereo FM-AM tuner of the highest quality. 4 types of operation: FM-AM stereo, FM multiplex stereo (with multiplex adapter), FM std. and AM std. (monoaural). Separate Micro Ray tuning indicator for easy, accurate FM and AM tuning. Complete versatility with 4 front panel plus 2 output level controls. 7 low impedance outputs including jacks for monoaural or stereo recording, 80 db separation between channels, 6 antenna terminals for any reception conditions.

FM Section: New famous "Gold Cascade" RF stage—extreme sensitivity and low noise. Triode mixer and dual limiter stages. 4 IF stage with wide band detector. AGC assures constant audio output within 1 db for antenna input of 1.5 to 500,000  $\mu$ v. Automatic interstation noise muting. Sensitivity—0.75  $\mu$ v for 20 db quieting. Frequency Response—20 to 20 kc within 1 db. Noise—60 db for 100  $\mu$ v input. AM Section: Tuned IF stage, temperature compensated converter stage for stability. 2 IF amplifiers. Bandwidth selectable. Features delayed AGC and sharp 10 KC filter. Sensitivity—3.5  $\mu$ v for 0.5 v out. Freq. Response—3 db at 13 kc (Broad-band), or—3 db at 5 kc (Sharp-band). Totals 15 tubes. Less cabinet. For 105-125 v, 50/60. Size 15 $\frac{1}{2}$  x 13 x 4-13/16". Shpg. wt., 20 lbs.

G-100WX ..... 23.00 Down ..... Net 229.50  
Model 10U. Custom cabinets in mahogany, walnut or blonde. Size 15 $\frac{1}{2}$  x 12 $\frac{1}{2}$  x 6". Shpg. wt., 6 lbs.  
G-101W (Specify finish) ..... 5.00 Down ..... Net 24.95



## NEW! MODEL 400-CA STEREO PHONIC MASTER AUDIO CONTROL PREAMP

A deluxe unit with unlimited flexibility for any stereo or mono application. Includes Bass and Treble controls to provide independent regulation of each channel, or ganged control of both channels. Tone controls can be used as a crossover network. 16 separate inputs or 8 pairs for stereo. Input pairs: (Low Level) EUR-LP-RIAA 1 and RIAA 2; Tape; Mic. Monitor; Tuner; AUX1 and 2. 4 outputs (in pairs): main and recorder. 11 front panel controls; 4 push-button Input Selector, 6-position Equalization Selector, Output Selector (Stereo Rev, Stereo Std, Channel A + B, Channel A, Channel B + A, Channel B); Master Vol./AC on-off; Channel Balance; Loudness; Rumble Filter; Separate Bass and Treble for each channel. 4 Input Level adjustment. Freq. response: uniform 20 25,000 cycles. Distortion less than 0.15% for 2 volts output. Hum and noise: inaudible. Channel separation better than 60 db. Gains: 60 db for tonehead, 55 db for mag. phono, 18 db for tuner. Self contained power supply. Less cabinet. For 105-125 v, 50/60 cps. Size 15 $\frac{1}{2}$  x 9 x 4 $\frac{1}{4}$ ". Shpg. wt., 10 lbs.

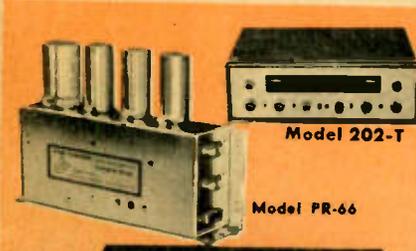
G-102WX ..... 17.45 Down ..... Net 174.50  
Model 10U. Custom cabinets in mahogany, walnut, or blonde. Size 15 $\frac{1}{2}$  x 12 $\frac{1}{2}$  x 6". Shpg. wt., 6 lbs.  
G-101W (Specify finish) ..... 5.00 Down ..... Net 24.95



## NEW! MODEL X-101A STEREO MASTER CONTROL & DUAL 20-WATT AMPLIFIERS

All on one chassis are a 2-channel preamp-equalizer with complete audio controls, and a 2-channel 20 watt power amplifier. The X-101A effortlessly handles peaks up to 75 watts. Offers complete versatility, and clean, undistorted power. Separate Bass and Treble control provide either ganged or independent channel operation. 12 inputs or 6 pairs for stereo. 3 record-monitor jacks. 8 controls plus six chassis adjustments. Input selector (7B, LP, RIAA-1, RIAA-2, Tape, Tuner, Aux-1, Aux-2); Output Selector (Rev., Std., Channel A + B, channel B + A); Rumble Filter; Vol./AC Power; Channel Balance; Loudness Control; Separate Bass and Treble for each channel or for both channels simultaneously. 4 Input level controls for initial level settings on both channels (2 low-level, 2 AUX-1.) Speaker connections: 4, 8, and 16-ohm on each channel. Freq. response: 20 to 20,000 cycles. Distortion: 0.7% at rated output. Hum and noise: inaudible. 50 db channel separation. Sensitivity: 3 millivolts for phono, 2 millivolts for tape, 0.2 volts for high level to obtain rated output. Power rating: 40 watts for stereo, 11 tubes. Less cabinet. For 105-125V, 50/60 cps. Size 15 $\frac{1}{2}$  x 4 $\frac{1}{4}$  x 13". Shpg. wt., 30 lbs.

G-108WX ..... 20.00 Down ..... Net 199.50  
Model 10U. Custom cabinets in mahogany, walnut and blonde. Size 15 $\frac{1}{2}$  x 12 $\frac{1}{2}$  x 6". Shpg. wt., 6 lbs.  
G-101W (Specify finish) ..... 5.00 Down ..... Net 24.95



Model 202-T



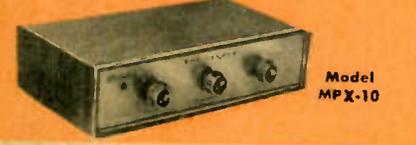
Model PR-66



Model 100-T



Model SA-100



Model 100



Model MPX-10

## RK-1 STEREO REMOTE CONTROL

Designed for use with the 400-CA to permit a listener to balance the level in a stereo system right from his seat. Fits in the palm of your hand. Can be used with all "400" models. Complete with 30-foot cable. Shpg. wt., 1 $\frac{1}{2}$  lbs. G-124 (Not Illustrated) ..... Net 17.95

## NEW PR-66 SELF-POWERED STEREO PREAMP-EQUALIZER

Typical Fisher premium quality throughout. Designed for use with low level magnetic stereo phono cartridge. RIAA Equalization provided. Modification permits use with stereo tape deck or as mike preamp. Can be used as two channel monoaural preamps. 2 low impedance audio output stages. Gain: 40 db at 1000 cps. Freq. response: 20-70,000,  $\pm$  2 db. Distortion: 0.2% for 2 v out. Hum and Noise: -68 db at 10 mv input; Crosstalk: -60 db between channels. For 105-125 v 50/60 cps. Size, 8 x 5 $\frac{1}{2}$  x 1 $\frac{1}{2}$ ". Shpg. wt., 4 lbs.

G-104 ..... 5.00 Down ..... Net 29.95  
Model PR6. Monoaural hi-fi preamp for phono and tape. Self powered. Shpg. wt., 1 $\frac{1}{2}$  lbs.  
G-105 ..... Net 12.95

## MODEL 100-T INTEGRATED STEREO FM-AM TUNER WITH MASTER AUDIO CONTROL CENTER

Two fully independent preamplifier channels have been coupled with independent FM and AM sections. FM tuner section features cascade RF stage. Provision has been made for the Fisher MPX-20 Multiplex Adaptor. Sensitivity: full limiting with only 1 mv signal. Wide band ratio detector AVC plus 3 IF stages. Automatic noise suppression and Microray tuning. AM section contains tuned RF; 10 kc cut-off filter, High gain IF, AVC and Microray tuning. Stereo preamplifier section features nineteen controls for every stereo application. Response 20 to 20,000 cps  $\pm$  1 db. Seven inputs for all types of equipment. Provision for 3rd center channel output. Size: 15 $\frac{1}{2}$ " W x 4-13/16" H x 11-15/16" D. Shpg. wt., 20 lbs.

G-110WX ..... 24.95 Down ..... Net 249.50  
Model MC-1 Vinyl covered metal cage for 100-T.  
G-113W ..... Net 15.95

## MODEL SA-100 50 WATT STEREO AMPLIFIER

Two separate channels deliver up to 25 watts of music power for each section. Response 20 to 20,000 cps  $\pm$  0db— $\frac{1}{2}$ db. Sensitivity: 1.0 volt Harmonic Distortion 0.1% at 20 watts of music power. IM Distortion 0.3 at full power. Dual 4, 8 and 16 ohm speaker connections. Third channel output. 105-120 volts AC at 60 cycles. Size: 6 $\frac{1}{2}$ " H x 12-9/16" x 7 $\frac{1}{2}$ " D overall. Shpg. wt., 27 lbs.  
G-107WX ..... 11.95 Down ..... Net 119.50

## MODEL 202-T INTEGRATED FM-AM STEREO TUNER AND MASTER AUDIO CONTROL CENTER

Fisher's finest stereo tuner and preamplifier combination. The separate tuner sections each employ Microray tuning indicators and may be operated independently for either monoaural or stereophonic reception. Provision has been made in the FM section for the MPX-20 Multiplex adaptor. FM sensitivity: effective limiting below 1 microvolt. Signal-to-Noise Ratio: 20 db for 0.8 mv. Harmonic Distortion: less than 0.5% at full modulation. FM circuitry includes four IF stages with extra wide-band pass, a dual dynamic limiter, two grid-lock limiters and a wide band ratio detector. AM section features rotatable ferrite loop, tuned RF stage, two IF stages plus 3 IF transformers, delayed AVC and 10 kc sharp cut-off filter. Master Audio Control Center has frequency response of 20 to 20,000 cps  $\pm$   $\frac{1}{2}$  db. Hum and Noise 55 db below rated output of 2 volts. 28 controls for every stereo preamplifier function. Total of 20 tubes plus 4 germanium diodes 105-120 volts 50-60 cycles. Size: 4 $\frac{1}{2}$ " x 15 $\frac{1}{2}$ " x 12 $\frac{1}{2}$ ". Shpg. wt., 25 lbs.

G-106WX ..... 34.95 Down ..... Net 349.50  
Model TA-6 vinyl-covered metal cabinet for 202-T.  
G-103W ..... Net 17.95

## MODEL 100 30-WATT AMPLIFIER

New from the Fisher Lab. This amplifier is conservatively rated and superiorly constructed for many years of trouble free service. Rated power—30 watts continuous, 70 watts on peak, up to 30 msec in duration without clipping, ringing or raggedness. Frequency response—20 to 20,000 cps within 0.5 db at 30 watts. IM Distortion—less than 1% at 30 watts., less than 0.5% at 10 watts. Hum and Noise—88 db below 30 v output. Only 1 volt required to obtain full 30 watt output. Speaker connections—4, 8 and 16 ohms. With Z-Matic variable damping control, Input level adjustment, phase inverter balance adjustment and speaker Impedance matching switch. For 105-125 v, 50/60 cps. Auxiliary AC Receptacle. Size: 15 $\frac{1}{2}$  x 7 x 4 $\frac{1}{2}$ ". Shpg. wt., 23 lbs.

G-112WX ..... 12.00 Down ..... Net 119.50

## NEW MPX-10 MULTIPLEX ADAPTOR

Designed for the reception of stereo broadcast using the Crosby Multiplex System. Provides complete channel balance. Consists of two multiplex inputs and two auxiliary inputs. Two outputs. Input sensitivity: 30 mv RMS for full limiting. Output voltages 1.6 volts RMS. Signal-to-noise ratio better than 70 db. Control: Channel Separation, Audio Level, Selector (Off, MPX standby, Stereo MPX, MPX chan. Main Chan.). Five tubes. Sizes 13 $\frac{1}{2}$  x 8 x 3 $\frac{1}{2}$ ". Shpg. wt., 8 lbs. Less cabinet.

G-121 ..... 8.00 Down ..... Net 79.50  
Model 3C. Cabinets for MPX-10 in mahogany, walnut or blonde. Size: 12 $\frac{1}{2}$  x 7 $\frac{1}{2}$  x 3 $\frac{1}{2}$ ". Shpg. wt., 4 lbs.  
G-111W (Specify finish) ..... Net 12.95

# FIDELITY COMPONENTS THE FISHER



## NEW! TA-600 COMPLETE STEREO RECEIVER

Everything you need on one compact chassis: stereo FM-AM tuners. Stereo Master Audio Control, two 20-watt Amplifiers. The independent FM and AM tuners can be used for monophonic or stereo reception. The Master Audio Control has 19 operating controls and switches. The two 20-watt amplifiers have ample reserve to drive even the lower efficiency types of speakers.

FM TUNER has cascade RF stage, bridge-type, low noise triode mixer and oscillator, 3 IF stages and wide-band ratio detector. Separate MICRO-RAY tuning indicator. AM TUNER provides rotatable, ferrite loop antenna for strong, noise-free signals. High gain RF stage. Two position bandwidth, 10KC whistle filter. Separate MICRO-RAY tuning indicator. MASTER AUDIO CONTROL operates two independent amplifiers. Controls: FM tuning, AM tuning, separate Bass and Treble controls. Input selector (Aux, FM-MPX, FM, AM, phono, Tape Head), Mono-Stereo switch, [Mono-Phono, Rev, Stereo, Chan. A, B], Balance, Volume, Tape Monitor switch, Low and High Frequency filters, AM Bandwidth switch, Loudness Contour switch, Phase Reversing switch, plus 5 input level adjustments. AMPLIFIER has 20 watts per channel. Uniform freq. response. Harmonic distortion less than 1/2% at rated output. Has 5 input connections in each channel and 4 output connections. Size: 17 x 14 1/2 x 4 1/4". Shpg. wt., 40 lbs.

**G-119WX** Less Cabinet.....35.00 Down Net **349.50**

**Model TA-6.** Metal cabinet in simulated leather for the TA-600. Size: 17 1/2 x 13 1/4 x 5 1/8". Shpg. wt., 9 lbs.

**G-103W**.....Net **17.95**



## NEW! MODEL FM-100 FM TUNER

Features the Fisher Microgap Cascade RF stage, a dual triode mixer-oscillator, four wideband IF stages, and wide-band ratio detector. New muting control eliminates side-band response and interstation noise. The flat-topped IF stages have very wide band and steep skirts. Dual dynamic limiter with 2 germanium diodes and 2 short time-constant grid-leak limiters. Inputs: one for each channel, high-level input can be connected to either one. Outputs: 2 in each channel, plus one for a Multiplex Adapter (amp or recorder). Four antenna terminals. Sensitivity: 0.8 microvolts for 20 db quieting with 300-ohm antenna. Signal-to-noise ratio 60 db for 100 microvolt input. Frequency response uniform from 20 to 20,000 cps. Capture ratio only 2.3 db. Harmonic distortion less than 0.5% at full modulation. IF bandwidth -6db down at 220KC. Controls: Tuning, Selection (AC-OFF, FM, MPX stereo, mono, MPX channel), Muting Control, and Multiplex Separation. Direct plug-in facilities for the MPX-20 Multiplex Adapter. Ten tubes plus 4 germanium diodes. Size: 15 1/2 x 13 x 4 1/4". Shpg. wt., 18 lbs. Less Cabinet.

**G-120WX**.....16.00 Down Net **159.50**

**MC-1** Metal cabinet in simulated leather for the FM-100. Size: 15 1/2 x 11 1/4 x 5 1/8". Shpg. wt., 9 lbs.

**G-109W**.....Net **15.95**

**MPX-20** PLUG-IN MULTIPLEX ADAPTER. Used with FM-100, will reproduce the new Crosby multiplex stereo broadcast. High input sensitivity. Output voltage sufficient to drive any type of control amplifier. Harmonic distortion less than 0.5% at maximum modulation. Signal-to-noise ratio better than 70 db. Size: 4 1/2 x 3 1/4 x 3 1/4". Shpg. wt., 2 lbs.

**G-122**.....5.00 Down Net **49.50**



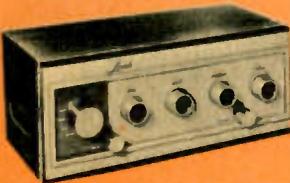
## NEW! MODEL SA-300 60-WATT STEREO AMPLIFIER

Consisting of two, fully identical basic amplifiers, this new laboratory standard stereo amplifier will match any existing speakers, both low efficiency and high. Offers laboratory-standard quality at moderate cost. Provides the damping factor required by any speaker system. Exclusive TWO inputs for each channel, one for standard response, and one with controlled frequency response to insure optimum performance when using electrostatic speakers, and reduce subsonic transients. Uniform frequency response within 1/2 db from 20 to 20,000 cps. Controlled frequency response is -5 db at 20 cps and -3 db at 20,000 cycles. Hum and noise more than 100 db 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 volt input is required of 1000 cycles for rated output in each channel. Input impedance is approximately 100,000 ohms. Conservatively rated at 60 watts (over 30 watts per channel). 160 watts on all instantaneous peaks up to 30 milliseconds time duration. Speaker connections: 4-8 and 16-ohm terminals for matching speaker impedances, plus terminals for adding resistor to match the recommended speaker damping factor. Controls consist of Input Level, AC Balance, DC Balance and Hum Balance controls in each channel; Balance Adjust switch and Bias Control. 10 tubes. Operates on 105-120 volts, 50-60 cycles AC. Size: 16 1/2 x 7 1/4 x 6 1/4". Shpg. wt., 36 lbs.

**3-123WX**.....17.00 Down Net **169.50**

## FAMOUS LEAK STEREO PREAMPLIFIER AND AMPLIFIER

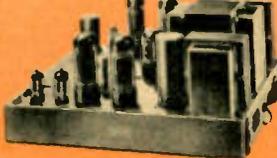
"Point One" Stereo Preamplifier



"Stereo 20"



"Stereo 50"



New stereophonic high fidelity units from world-renowned Leak Labs in Britain, famous for their conservatively rated components, superiority in material, craftsmanship and engineering design.

### NEW! LEAK "POINT ONE" STEREO PREAMPLIFIER

This new stereo preamplifier and equalizer unit from Leak features versatile controls to suit all stereophonic and monaural needs. Designed to drive companion Leak "Stereo" power amplifiers or similar units. Has 6 input pairs—Tape head, stereo and monaural; Pickup, stereo and monaural. RIAA equalized; Tuner, stereo and monaural, flat characteristic; Microphone, stereo and monaural, flat characteristic; Extra for additional stereo and monaural input, flat characteristic. All controls on front panel: (dual ganged). Input selector switch; Function switch—stereo, stereo reverse, left input to both channels, right input to both channels, stereo pickup converted to monaural; Bass—+16 db at 30 cps; Treble—+16 db at 15,000 cps; Volume Control with on/off switch controls the "Stereo" power amplifiers. Balance Control; Rumble Filter. With outlets for stereo or monaural recording. Freq. Response—20 to 20,000 flat. Total Harmonic Distortion—less than 0.01% for 125 mv out, less than 0.1% for 1.25 v out. Sensitivity—4.5 mv (tape), 5.5 mv (pickup), 50 mv (tuner and extra), 3 mv (mike). Size: 10 1/2 x 3 1/4 x 5". Panel, 1 1/2 x 4-7/16". Panel cutout size, 10 1/2 x 3 3/8". Shpg. wt., 5 lbs.

**G-525WX**.....10.95 Down Net **109.50**

### "STEREO 50" DUAL POWER AMPLIFIERS

Two identical amplifiers on the same chassis including four EL34 output tubes. Specifications (each channel): back -24 db. Speaker Impedance—3 to 20 ohms ±0.5 db 20 to 20 kc. Total Harmonic Distortion—0.1% at 20 watt out at 100v cps. Hum and Noise—80 db below 20 watts. Sensitivity—125 mv for 20 watt output. Damping Factor—23 at 1000 cps. Feedback—24 db. Speaker Impedance—3 to 20 ohms can be used. For 100-125v, 50/100 cps. Size: 10 1/2 x 13 1/4 x 6 1/4". Shpg. wt., 29 lbs.

**G-526WX**.....18.90 Down Net **189.00**

### "STEREO 20" DUAL POWER AMPLIFIER

Two identical amplifiers on the same chassis including four EL84 output tubes. Specifications (each channel): Power output—12 watts rms max. Freq. Response—±0.5 db, 20 to 20 kc. Total Harmonic Distortion—0.1% at 10 w out. Hum and Noise—80 db below 10 watts. Sensitivity—125 mv for 10 w out. Damping Factor—25. Feedback—26 db. Speaker Impedance—3 to 20 ohm may be used. For 100-125 v, 50/100 cps. Size: 8 1/4 x 11 1/4 x 6 1/4". Shpg. wt., 18 lbs.

**G-527WX**.....14.90 Down Net **149.00**

## NEW MODEL N-2200 "CLASSIC" 50 WATT STEREO PREAMP-AMPLIFIER



New complete stereophonic amplifier consists of stereo preamp, equalizer and power amplifier. Offers the finest quality in sound reproduction at the lowest possible cost. Versatile with precision and advanced design features, the N-2200 complete amplifier reproduces faithfully from any source of stereo or monophonic material. Rigid quality control at all stages of production assures compliance with all listed specifications. Modern, clean, styling blends well with any room decor. Front panel controls are the following: Selector (Tape, Mag, Phono, Ceramic Phono, Crystal Phono, Aux., Tuner); Equalization (LP, RIAA, Pop, Tape); Mode (Monaural, Stereo A-B, Reverse B-A); Individual Loudness for each channel; individual Bass and Treble for each channel; Tape Monitor switch; Rumble Filter switch. Speaker Phasing switch; Power on-off switch; Stereo-Monaural with illuminated indicator lights. Inputs: 2 each; tape head, magnetic phono, tuner, tape out, ceramic aux., tape monitor in, high level crystal. Specifications—Output: 50 watts, 25 watts per channel, 100 watts peak. Frequency Response: ±2 db 20-20,000 cps. Distortion: 1M distortion approximately 1% at full output. Input Impedances: 0.5 meg for tuner, crystal and auxiliary; 100K for magnetic or ceramic; 110K for tape head; 0.5 meg. for tape monitor in; high impedance record out. Output impedance: 8, 16, and 32 ohms stereo; 4, 8, and 16 ohms monaural. Tubes: ten including rectifier. For 117 V., 60 cycles, a.c. Cabinet is finished in black with brushed brass escutcheon. Adaptable for cabinet mounting. Size: 16 1/2 x 4 1/4 x 10 1/4". Shpg. wt., 28 lbs.

**G-540WX**.....10.95 Down Net **109.50**

STEREO COMPONENTS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# Pilot STEREOPHONIC & MONAURAL



216A

## 216A STEREO PREAMP AND AUDIO CONTROL CENTER

An exceptionally versatile professional type preamplifier and audio control center for high quality stereo systems. Two VU meters to indicate tape recording output level or visually balance both channels. Meter Function switch to select meter operation. 14 inputs—6 high level for FM-AM tuner, Multiplex adapter, tape recorder; 8 low level including two each for record changer, turntable, tape head and microphone. Automatic shut-off enables record changer to turn off complete system after last record. 4 independent feedback-type tone controls. Electronic Crossover for monophonic bi-amplifier use. Mono position on Mode switch automatically cancels out undesired vertical stereo cartridge response when playing monophonic records. 4 outputs: two audio, two tape recorder with tape output unaffected by volume or tone controls. Separate tone output gain controls for each channel for tape recording. Low-level audio tube filaments DC powered. Feedback equalizers. Frequency response  $\pm 1$  db from 20 to 20,000 cycles. Audio output, 1 volt. Tape output, 0.1-3 volts adjustable for zero VU. Harmonic distortion, 0.2% (2/10 of 1%) at maximum sensitivity. Hum and Noise, 80 db below 1 volt. Equalization: RIAA automatically, LP, NAB, AES at calibrated points on tone controls. NARTB tone equalization and MIC flat frequency response automatically. 10 tubes including rectifier. Complete with enclosure. Size: 5 1/4" high x 14 1/2" wide x 11" deep. Shpg. Wt., 20 lbs.

G-375WX ..... 19.00 Down..... Net 189.50



210

## 210 STEREO PREAMP

Two identical preamplifiers with ganged controls for convenient stereophonic control. Matched to stereophonic amplifiers Models SA-232 and SA-260, it derives its power from either of these units or from external power supply. **FEATURES:** Provides automatic shut-off after last record is played. Balance control on front panel permits accurate balancing of levels. DC heater supply for all tubes reduces hum to a minimum. Full range individual bass and treble controls use feedback-type circuits. High gain permits use with even the lowest output magnetic cartridges. Stereo or monaural operation from all inputs. Left-to-right changeover switch on front panel permits proper positioning of instruments. Premium type 7025/12AX7 low noise triodes are used in low level stages. **SPECIFICATIONS:** Outputs: 4 [2 in each channel]. Inputs: 12 [6 in each channel]. Frequency response  $\pm 1$  db 20-20,000 cps. Output: audio output jock 1 volt, tape output .11 volt. Sensitivity for 1 volt output; phono and mike 3 millivolts; tape head 2 millivolts; tuner, multiplex and Tape recorder .11 volt. Harmonic distortion at maximum sensitivity; less than 0.2%. Phono equalization for RIAA, LP, NAB and AES curves; NARTB tape head equalization. Tubes: 7025/12AX7 preamplifiers (one in each channel). 12AX7 voltage and tone control amplifiers (one in each channel). Supplied with 3 foot power cable, and 3 foot shielded audio output cables. Size: 14 1/4" L x 5" H x 11" D. Shpg. wt., 15 lbs.

G-376WX ..... 9.00 Down..... Net 89.50  
 MODEL P-10 Optional power supply for use with model 210 when used with amplifiers other than Pilot models.  
 G-377W ..... Shpg. wt., 5 lbs..... Net 19.50



690A

## 690A STEREO TUNER AND PREAMP

A compact complete "front end" for a stereo music system. Combines a stereo AM-FM tuner with a versatile stereo preamplifier and control center. **FM TUNER FEATURES:** Low noise cascade RF amplifier gives sensitivity of 1  $\mu$  volt for 20 db quieting. Interstation noise muting with adjustable threshold control and front panel defeat switch. Wide band detector 1 MC wide. 3 IF stages and two limiters. Built-in metering and antenna. Preamplifier has two identical channels. Unique automatic shut-off enables record changer to optionally turn off entire system after last record has played. DC heater supply; feedback tone control circuits; audio and tape outputs. 4 independent tone controls with Pilot TrakLoK for optional ganging. 14 inputs. 3 pairs of high level inputs for permanent simultaneous connection of FM-AM tuner, Multiplex adapter and tape recorder. 4 pairs of low level inputs for tape head, microphone and permanent connection of record changer and turntable. All inputs non-shorting to permit tape recording and playback without short-circuiting tape recording signal or changing of plugs. Electronic crossover for monophonic operation. Mono position on Mode switch automatically cancels out undesired vertical stereo cartridge response when playing monophonic records. 18 tubes, 5 diodes, plus rectifier. Size: 14 1/4" wide x 5" high x 11" deep. Shpg. Wt., 25 pounds. Complete with enclosure.

G-378WX ..... 26.95 Down..... Net 269.50



580

## 580 STEREO FM-AM TUNER

Truly ranks at the top of its class! Independent FM and AM sections may be used individually or simultaneously. With external Multiplex demodulator, the 580 will provide FM Multiplex stereo reception. The FM section has a low noise, dual-triode RF amplifier with accurately tracked antenna and interstage circuit tuning. Freedom from drift is assured by means of a temperature compensated oscillator, and wide-band detector (1-mc wide). Center-Tune FM tuning indicator facilitates precise tuning to center-of-channel for lowest distortion. Two IF stages and two limiters with excellent noise suppression. FM Multiplex output jock, built-in FM antenna and facilities for 300-ohm twin lead and 72-ohm coaxial cable included. AM section has a high gain pentode. RF amplifier, a triode-pentode oscillator-mixer and steep-skirted IF stage. A germanium diode detector is used for maximum detection efficiency and lowest distortion. AM section also includes a 10 KC interstation whistle filter built-in AM antenna and temperature compensated AM oscillator. FM sensitivity: 1.5  $\mu$  v Am sensitivity; 3  $\mu$  v. Dual cathode follower outputs, 10 tubes, 2 indicator tubes, 4 diodes, 1 rectifier. Size: 14 1/4" w x 5" h x 11" d. Wt., 24 lbs. Includes enclosure.

G-379WX ..... 18.00 Down..... Net 179.95



590

## 590 STEREO FM-AM TUNER AND DUAL PREAMP

Tuner has independent AM-FM sections which may be used individually or simultaneously. Features low noise RF amplifier, built-in antenna, temperature compensated oscillator, side band detector (1 mc wide), tuning indicator, two IF stages and two limiters. Preamp includes 4 independent tone controls. 3 pairs of high level inputs, 2 pairs of low level inputs. All inputs are non-shorting to permit tape recording and playback without short-circuiting tape recording signal or changing the plugs. Direct tape playback facilities. Facilities for extension speakers. Electronic crossover for monophonic operation. Loudness switch for enhanced listening at low level. Automatic shut-off enables record changer to turn off entire system at your option after last record. Mono position on mode switch automatically cancels out undesired vertical stereo cartridge response when playing monophonic records. Size: 14 1/4" wide x 5" high x 11" deep. Complete with enclosure. Shpg. wt., 28 lbs.

G-380WX ..... 23.95 Down..... Net 239.50

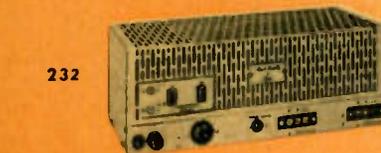


660

## 660 FM TUNER

**FEATURES:** Low noise cascade RF amplifier gives the highest sensitivity. Interstation noise muting with adjustable control eliminates noise between stations. Optional muting defeat. Illuminated tuning meter. 3 IF stages followed by 2 limiters, high sensitivity and wide, steep-skirted passband. FM multiplex output provides for connection to external multiplex demodulators. Uniform output level independent of input signal level. Output level control and cathode follower low impedance output. **SPECIFICATIONS:** Tuning range 88-108 Mc. Sensitivity: 1 microvolt with 30% modulation for 20 db quieting. Detector bandwidth is 1 Mc, bandwidth of IF stages is 200 Kc at 6 db down. Built-in antenna, terminals for 300 ohm antenna, 9 tubes: 6BQ7A RF cascade amplifier, 6B8 oscillator and mixer, two 6BA6 and one 6AU6 IF amplifiers, 6BN6 dynamic limiter, 6AU6 saturation limiter, 12AU7 meter amplifier and output cathode follower, EZ81 rectifier, plus 3 diodes and pilot lights. Size: 14 1/4" x 5" x 11" Shpg. wt., 15 lbs.

G-381WX ..... 15.00 Down..... Net 149.50



232

## 232 STEREO AMPLIFIER

Two complete power amplifiers with total output power of 32 watts and peak output of 64 watts. Automatic shut-off switch turns off entire system after last record is played. Frequency response 20-20,000 cps with maximum harmonic distortion of 1% and maximum intermodulation distortion of 1.5%. Sensitivity: 1 volt for full power output. Hum level 90 decibels below full power output. Output impedance, 4, 8 or 16 ohms. 8 tubes, 110 volts, 60 cycles AC. Size: 13 1/2" L x 5 1/4" H x 5" D. Shpg. wt., 25 lbs.

G-382WX ..... 8.95 Down..... Net 89.50



260

## 260 STEREO AMPLIFIER

Compact stereophonic amplifier with 60 watt RMS output and 120 watt peak output. Individual bias and balance controls permit balancing of output stages for minimum distortion. Automatic equipment shut-off after playing of last record. Frequency response 20-20,000 cps, at 1/2% harmonic distortion and 1% intermodulation distortion. Sensitivity is .8 volt for full output. Hum level 90 db below full power output. Output impedances 8 and 16 ohms. 9 tubes. 105-120 volts, 60 cycles. Size: 15 1/4" L, 5 1/4" H, 7 1/4" D. Shpg. wt., 40 lbs.

G-383WX ..... 12.95 Down..... Net 129.50

# HI-FI COMPONENTS

Pilot



245-A

## 245-A STEREO PREAMP-AMPLIFIER

Complete, versatile, stereophonic preamplifier-amplifier. Seven pairs of inputs, including high level inputs for FM-AM tuner, Multiplex adapter and tape recorder; low level for record changer, turntable, microphone and tape head. Automatic shutoff enables record changer to turn off complete system after last record. Terminals permit connection of extension speakers. Four synchronized volume controls with a single knob. Electronic crossover, low impedance dual tape outputs. Power output 40 watts total, 20 watts per channel, music power; Sensitivity for full output; phono 3 mv; tape head 2 mv; FM-AM multiplex, tape recorder, 110 mv. Hum 80 db below output. Frequency response:  $\pm 1$  db, 20 to 20,000 cycles. Output impedance: 8 and 16 ohms. Phono equalization: RIAA automatically, optional LP, NAB, AES at calibrated points. NARTB tape equalization automatically. Microphone flat, 12 tubes including rectifier. Size: 14" wide x 12" deep, x 5" high. Shpg. Wt., 30 lbs. Complete with enclosures.

G-384WX ..... 19.95 Down ..... Net 199.50



680

## 680 STEREO FM-AM TUNER

A deluxe stereo unit offering the ultimate in reception, FM and AM sections may be used individually or simultaneously. With an external Multiplex demodulator the 680 will provide FM Multiplex stereo reception. FM tuner features include 1  $\mu$ v sensitivity for 20 db of quieting; temperature compensated oscillator. Wide band detector (1,000 KC wide). Audio output constant, 3 IF stages and 2 limiters. Control for optional muting defeat. Independent FM tuning meter. Built-in FM antenna and facilities for 300-ohm twin lead and 72-ohm coaxial cable. AM section: Sensitivity 2 $\mu$ v; employs germanium diode detector. Features high-gain pentode RF amplifier, 2 steep-skirted IF stages with front panel bandwidth control and 10 KC whistle filter, IF interference rejection trap. Separate AM tuning meter. Built-in antenna, 14 tubes; 4 diodes; plus rectifier. Size: 14" x 5" x 12". Shpg. Wt., 25 lbs. Complete with enclosure.

G-385WX ..... 21.95 Down ..... Net 219.50



240

## 240 STEREO PREAMP-AMPLIFIER

The 30-watt stereophonic preamp-amplifier that represents the best value in its class. Four independent tone controls. 3 pairs of high level inputs for permanent simultaneous connection of FM-AM tuner, Multiplex adapter and tape recorder. 2 pairs of low level inputs for permanent connection of record changer and turntable. Direct tape playback facilities. Terminals for extension speakers, with front panel speaker selector switch. Electronic crossover for monophonic bi-amplifier use. Automatic shut-off. Mono position on Mode switch automatically cancels out undesired vertical stereo response when playing monophonic records. Eleven front panel controls. Specifications—Power outputs: 30 watts total; 15 watts per channel, music power. Sensitivity for full output phono; 3 mv; FM-AM multiplex, tape recorder, 110 mv. Harmonic distortion 1%. Hum and noise 80 db below full output. Frequency response  $\pm 1$  db, 20 to 20,000 cycles. Size: 5 3/4" high x 14" wide x 10 1/2" deep. Shpg. Wt., 23 lbs. Complete with enclosure.

G-386WX ..... 12.95 Down ..... Net 129.50

# LATEST SHERWOOD HI-FI COMPONENTS

## S-5000 STEREO 40W. AMPLIFIER

This brand new stereo control amplifier features the most versatile controls available: 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! Features presence, rumble and scratch filters, DC filaments, indicator lights to indicate mode of operation used. For playing monoaural records with stereo cartridges, ingenious phasing system balances out all vertical (rumble and noise) pickup! SPECIFICATIONS: POWER: 20 watts each channel, 40 watts on monoaural. 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: 4-68Q5/E184, 2-7199, 5-12AX7/ECC83, G234, sel. rect. 14" x 14" x 4". Shpg. wt., 29 lbs. Model G-265WX less case 18.95 Down Net 189.50

## S-4400 DUAL STEREO PREAMP AND AMPLIFIER

Designed for conversion of existing monoaural hi-fi sets to stereo. Some as S-5000 except has single 36 Watt power amplifier. FEATURES: Stereo-monoaural indicator lights. Dual/signal treble and bass controls. Stereo normal-reverse switch. Phase inversion switch. Ganged phono and scratch filter switches. Ganged tone monitor switch. Six high level inputs. Four phono/tape preamp inputs. Two recordings outputs. Color-coded cables and receptacles. Small physical dimensions making possible bookshelf installation. SPECIFICATIONS: POWER OUTPUT: 36 watts (72 peak), at 1% distortion. FREQUENCY RESPONSE: 20-20,000 cps  $\pm 1/2$  db. SENSITIVITY: radio-0.20V phono 2 mv. NOISE RATIO: radio 80 db, phono 60 db, below rated output. OUTPUT: 4, 8 and 16 ohms. Size: 14 x 10 1/2 x 4". Shpg. Wt., 24 lbs.

G-266WX, less case ..... 15.95 Down ..... Net 159.50

## OTHER SHERWOOD COMPONENTS less case:

- S-1000IIS 36 Watt Amplifier Shpg. Wt., 20 lbs. Net 109.50
- G-267WX ..... 10.95 Down
- S-1060S 60 Watt Amplifier Shpg. Wt., 21 lbs. Net 149.50
- G-268WX ..... 14.95 Down
- S-2000IIS FM-AM Tuner Shpg. Wt., 15 lbs. Net 145.50
- G-269WX ..... 14.55 Down
- S-360S 36 Watt Basic Amplifier Shpg. Wt., 15 lbs. Net 59.50
- G-270W ..... 5.95 Down

## FM MULTIPLEX ADAPTERS WITH Power Supply Shpg. Wt., 7 lbs.—Available Easy Pay, 10% Down

- G-271W SMX-5 Wide Band ..... Net 55.50
- G-272W S2MX-5 26-KC, Narrow-Band ..... Net 60.50
- G-273W S4MX-5 41-KC, Narrow-Band ..... Net 60.50
- G-274W S6MX-5 67-KC, Narrow-Band ..... Net 60.50

## S-3000 II BASIC FM TUNER

FEATURES: One of the most sensitive FM circuits ever developed—only .95 microvolt for 20 db quieting. 1.8 microvolt for 30 db. "Feather-Ray" tuning indicator. Logging dial permits split-second tuning. Special sensitivity control for local or distant stations. SPECIFICATIONS: SENSITIVITY—.95 microvolts for 20 db quieting, 1.8 microvolts for 30 db. FREQUENCY RESPONSE: 20-20,000 cps  $\pm 1/2$  db. DISTORTION AT 100% MODULATION—1.3% 1M, 1/4% harmonic, HUM AND NOISE—60 db below 100% modulation. DRIFT  $\pm 2$  kc. with AFC,  $\pm 15$  kc without AFC. OUTPUTS—Cathode follower audio, FM multiplex, AUDIO OUTPUT—2 volts. TUBES—9 tubes and rectifier. POWER CONSUMPTION—40 watts, 110-120 V 50-60 cycles. SIZE: 14" x 10 1/2" x 4". Shpg. Wt., 16 lbs. G-275WX less case ..... 10.55 Down ..... Net 105.50

## S-2200 FM-AM STEREO TUNER

Fulfills today's stereo broadcasting requirements with separate reception of FM and AM broadcasts as well as tomorrow's stereo needs utilizing FM multiplexing. FEATURES: Front panel light-bar tuning eyes. Built-in space and provisions for addition of multiplex adapter. Inter-channel hush, and automatic frequency control which makes FM tuning easier than ever. SPECIFICATIONS: SENSITIVITY: .095  $\mu$ v for 20 db quieting, SELECTIVITY: FM 195 KC @ 6 db, AM 15 KC @ -6 db. RESPONSE: FM 20-20,000 cps  $\pm 1/2$  db AM 20-7500 cps @ -6 db. NOISE LEVEL FM 60 db below 100% mod, AM 55 db below 100% mod. TUNING RANGE: FM 87.5-108.5 MC. AM 530-1650 KC. 14 tubes + rectifier. 110-120 VAC. Size: 14 x 14 1/2 x 4". Shpg. wt., 20 lbs. G-276WX less case ..... 17.95 Down ..... Net 179.50

## PLUG-IN MULTIPLEX ADAPTERS FOR S-2200

- G-277W AMX Wide Band ..... 5.00 Down ..... Net 49.50
- G-278W A2MX 26-KC Narrow Band ..... Net 54.50
- G-279W A4MX 41-KC Narrow Band ..... Net 54.50
- G-280W A6MX 67-KC Narrow Band ..... Net 54.50

## CASES FOR SHERWOOD COMPONENTS

STOCK NO.	MFR. NO.	COLOR	FOR	NET
G-281W	A	Brown Flextone	SMX 5" x 10 1/2" x 4 1/2", 4 lbs.	4.00
G-282W	B	Black Flextone		4.00
G-283W	A	Brown Flextone	S-2200, S-3000	5.00
G-284W	B	Black Flextone	14 x 13 x 4 1/2", 10 lbs.	10.00
G-285W	C	Mahog. Leatherette	Shpg. Wt., 8 lbs.	15.00
G-286W	J	Black Leatherette	Large Case	15.00
G-287W	T	Tan Leatherette		15.00
G-288W	W	White Leatherette		15.00
G-289W	A	Brown Flextone	S-1000II, S-1060	3.00
G-290W	B	Black Flextone	S-2000II, S-3000II	3.00
G-291W	C	Mahog. Leatherette	S-4400	10.00
G-292W	J	Black Leatherette	14 x 10 1/2 x 4 1/2", 15 lbs.	15.00
G-293W	T	Tan Leatherette	Shpg. Wt., 6 lbs.	15.00
G-294W	W	White Leatherette	Standard Case	15.00



S-5000



S-4400



S-1000 II  
S-1060



S-2200



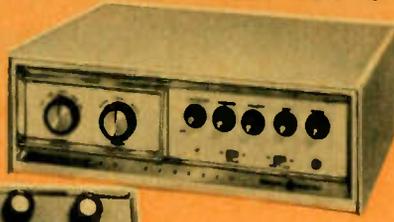
S-3000 II



# STEREO & MONAURAL HI-FI COMPONENTS



G-7600



G-7700



RG 1000



FA-17

## NEW GE MODEL G-7600 40 WATT STEREO AMPLIFIER

This integrated stereo amplifier combines high quality stereo performance with striking cabinet design. Consists of 2 power amplifiers and 2 preamp control units on a single chassis. Features concentric bass and treble control to permit individual channel adjustment. Power output 20 watts per channel or 40 watts total. Front panel controls include: Input selector (stereo or monaural tape head, monaural phono, stereo phono, or stereo or monaural tuner, stereo or monaural auxiliary); speaker made selector (stereo channel reverse, stereo normal, parallel, monaural); channels 1 & 2, channel 1, channel 2; loudness; contour; balance (continuously variable); bass; treble; rumble filter on-off. Inputs with sensitivity figures: 2 stereo cartridge (4.5 mv), 2 stereo tape head (3 mv), 1 monaural cartridge (4.5 mv), 2 tuner (200 mv), 2 auxiliary stereo (200 mv). Tuner input adaptable for stereo multiplex programs. Outputs: Dual speakers (4, 8, 16 ohm terminals), dual output jacks, 2 AC outlets. Power output: 20 watts per channel. Channel separation more than 40 db. Hum and noise 65 db below 20 watts on phono input. Freq. response: 20-20,000 cps.  $\pm 0.5$  db. Harmonic distortion: below 1% at full rated power. For 117V., 60 cycle AC. 11 tubes. Cabinet finished in saddle brown vinyl. Size: 15 x 12 x 5". Shpg. wt., 30 lbs.

**G-325WX** ..... 14.00 Down ..... Net 139.95

## NEW GE MODEL G-7700 56 WATT STEREO AMPLIFIER

Engineered to fulfill the need for a top quality unit at a modest cost. Features highly-styled, recessed control panels and trim, compact cabinets. Dual concentric bass and treble controls permit individual channel adjustment of bass and treble tone. Controls: Input selector (tape head, monaural phono, stereo phono, tuner, auxiliary); speaker mode selector (stereo rev., stereo normal, parallel, monaural, channels 1 & 2, channel 1, channel 2); loudness; contour; balance; bass; treble; rumble filter; scratch filter; speaker phasing switch. Inputs and sensitivity figs: 2 stereo cartridge (4.5 mv), 2 stereo tape head (3 mv), 1 mon. phono (4.5 mv), 2 tuner (200 mv), 2 auxiliary stereo (200 mv). Tuner input adaptable for stereo multiplex programs. Outputs: Dual speaker (4, 8, 16 ohm terminals), dual output jacks (before tone controls), 2 AC outlets. Power output: 56 watts (28 watts per channel), music power. Freq. response: 20-20,000 cps.  $\pm 0.5$  db. Harmonic distortion below 1% at full rated power. Hum and noise inaudible. Channel separation: 40 db minimum. For 117V., 60 cycles, AC. Cabinet finished in beige vinyl. Size: 15 x 12 x 5". Shpg. wt., 31 lbs.

**G-326WX** ..... 19.00 Down ..... Net 189.95  
Model G-7710. Same as G-7700, but white vinyl finish.  
**G-327WX** ..... 19.00 Down ..... Net 189.95

## NEW GENERAL ELECTRIC FM-AM TUNER MODEL FA-17

The new GE Model FA-17 FM-AM Tuner offers an unusual combination of excellent audio performance and trim, highly compatible appearance design. This tuner features high sensitivity, and ability to receive weak signals with minimum distortion. Front Panel Controls: Tuning (fly-wheel); Selector switch with Off, AM, FM, FM (AFC) positions. Specifications: AM Sensitivity-200  $\mu$ V. per meter for 20 db signal-to-noise ratio; FM-2.5 microvolts on 300 ohm input for 20 db quieting. AM Selectivity-7kc bandwidth, 6 db down, FM-200kc bandwidth, 6 db down. FM Distortion-less than 1.5% harmonic of rated output-less than 2% IM. Noise-FM, 55 db below 100% modulation. AM, 45 db below 100% modulation. Response-FM,  $\pm 2$  db of the standard de-emphasis curve, AM, 25 db down at 10kc to minimize whistle interference. Audio Outputs-3 Low-impedance cored follower type; (1) high level, 1.5 volts nominal; (2) low level, 0.5 volts nominal, (3) multiplex. Antenna inputs-FM, 300 ohm (folded dipole antenna supplied); AM, built-in ferrite rod antenna, terminal for external antenna. FM drift is negligible with AFC, and spurious radiation certified as meeting FCC requirements. Tuning Range-FM, 88 to 108mc; AM, 535 to 1620kc. Tuning Meter-Dual purpose for precise FM center tuning and AM maximum signal tuning. Saddle brown finish. Overall dimensions-15-1/32" W x 5" H x 10" D. Shpg. wt., 15 lbs. For use with 110-120 volts 60 cycles AC.

**G-329WX** ..... 13.00 Down ..... Net 129.95  
FA-15. Same as FA-17, but with cabinet finished in beige to match the G-7700 Stereo amplifier.  
**G-330WX** ..... 13.00 Down ..... Net 129.95  
FA-16. Same as FA-17, but with cabinet finished in white to match the G-7710 stereo amplifier.  
**G-331WX** ..... 13.00 Down ..... Net 129.95

## MODEL RG-1000 "STEREO CLASSIC" REMOTE CONTROL UNIT

Provides the important stereo control remote control functions of channel balance and volume control up to 3 feet from the controlled amplifier. Ideally suited for use with the GE G-7700 or G-7600 or as a remote volume control with a monaural amplifier, or for volume and balance control with a pair of monaural amplifiers used for

stereo. Superb styling with ebonny finish base and knobs, featured aluminum face plate, and chrome trim. Size: 5 1/2 x 2 1/2 x 1 1/2" with 30-foot output cable. Shpg. wt., 2 1/2 lbs.

**G-328** ..... Net 14.66

# Bell HI-FI STEREO TUNERS & AMPLIFIERS



3030



3070



6060



6070

## 30 WATT STEREO AMPLIFIER BELL MODEL 3030

With 2 hi-fi 15 watt amplifiers and a versatile control center for either stereo or monaural use. Has 5 input pairs—tape head, mag phono, ceramic phono, tuner, aux. Function Selector (6 pos.)—tape, EUR, RIAA, LP, tuner, aux; Noise Filter—off, hi, lo, both; Stereo Balance Control with monaural switch; Loudness; Level with built-in stereo reverse; Bass Treble. Power output-15 watts each channel, 30 watts total for monaural use. Freq. Response— $\pm 0.5$  db 20 to 20 kc. Distortion—0.5% of 1 db below 15 watts. Hum Level—79 db below 15 w. Outputs—4, 8, 16 ohms for speakers. HI-Z for recording. Operates on 117V, 60 cps AC. Size: 16 x 11 1/2 x 4 1/2". Shpg. wt., 22 lbs.

**G-350WX** ..... 17.00 Down ..... Net 149.95

## NEW BELL MODEL 3070 FM-AM STEREO TUNER

Features electronic tuning bar for separate FM and AM sections, automatic frequency control, 10 kc heterodyne filter circuit on AM, and multiplex output. FM Section—Sensitivity: 6 microvolts for 20 db quieting. Selectivity: 6 db down at 200 KC. Hum and noise: 50 db below 100% modulation. AM Section—Sensitivity: 20  $\mu$ V for 0.1V output at 30% modulation. Selectivity: 6 db down at 11.5 KC. Output: 2.5V at 100% modulation. Size: 4 1/2 x 16 x 11 1/2". Shpg. wt., 15 lbs.

**G-351WX** ..... 14.00 Down ..... Net 139.95

## BELL MODEL 6060 CARILLON 60-WATTS STEREO AMPLIFIER

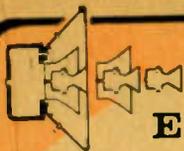
The new Model 6060 is designed to perform to laboratory standards, with a full 60 watts of power. Every stereo advancement known is incorporated into the Carillon to keep it new for years to come. Has all the features you'll ever need for highest degree of perfect sound reproduction. Features separate Bass and Treble tone controls and continuously variable loudness control, and Front Panel Controls even has position for Mike inputs. Input Selector Switch Include: Selector (Mike, Tape Head, RIAA, LP, EUR, Tuner, Tape Amp, Aux); Left Channel Bass; Left Channel Treble; Balance; Loudness; Right Channel Bass; Right Channel Treble; Level Control combined with push-pull Power On-Off Switch. Lever Switches Include: Lo Filter (40 cps cutoff, Off, 80 cps cutoff); HI Filter (8 KC cutoff, Off, 4 KC cutoff); Function (Stereo Rev., Stereo, Monaural); Stereo Speaker Selector (A, B). Rear chassis controls: Individual left and right Level Set controls for tuner, tape amp. inputs; 2 AC switched outlets. Dual outputs: 4, 8, 16 ohm and high impedance for recording. Power output: 30 watts RMS each channel: total 60; peak 120. Power response: 20-20,000 cps at 30 watts  $\pm 1$  db. Distortion less than 1% THD at 30 watts. Frequency response: 15-30,000 cps  $\pm 1$  db. Hum level 71 db below rated output. Tubes: 4 EL34/6CA7; 6, ECC83/12AX7, 1, 5V3. For 117V 60 cycle, AC. Power consumption: 230 watts. Finish in rich saddle-tan vinyl. Size: 16 x 11 1/2 x 6 1/2". Shpg. wt., 40 lbs.

**G-352WX** ..... 22.00 Down ..... Net 219.95

## NEW BELL MODEL 6070 CARILLON STEREO TUNER

The new CARILLON stereo tuner is a high fidelity component of exceptional quality, with a combination of outstanding features for perfect listening enjoyment. The Model 6070 is a perfect match for the new Bell Carillon stereo amplifier. FM Section—Sensitivity: 1.1 microvolts for 20 db quieting at 100% modulation on 300 ohm termination. Selectivity: 6 db at 200 KC. Image rejection is 60 db. Distortion less than 1% at 100% modulation. Frequency response: 20-20,000 cps.  $\pm .5$  db. Frequency range: 88-108mc. Hum and noise is 60 db below 100% modulation. AM Section—Sensitivity: 3.5 microvolts for 20 db signal/noise at 100% modulation. Selectivity: 8.5 KC (narrow), 19 KC (wide). Image rejection: 72 db. Distortion less than 1% at 30% modulation; 1.2% at 80% modulation. Frequency response: 20-8,000 cps (wide). Frequency range: 535-1640 KC. Hum and noise 50 db below 100% modulation. Front Panel Controls include: FM tuning, AM tuning. Selector switches include: Power On-Off; AM Bandwidth, wide, narrow; Function, AM-Stereo-FM; AFC On-Off. Rear Panel Control has AM and FM Level set. Has 2 separate tuning meters for FM and AM. Output for both AM and FM is 1 volt RMS at 100% modulation. Tubes: 1-6ES8, 1-6DJ8, 3-6AU6, 2-6BN8, 1-6BE6, 3-6BA6, 1-E280. Power consumption: 55 watts at 117 volts, 60 cycles. Size: 16 x 10 x 5". Shpg. wt., 19 lbs.

**G-353WX** ..... 19.00 Down ..... Net 189.95



# NEW! LAFAYETTE-GOODMANS 3-WAY EXTRA-VALUE HIGH FIDELITY SPEAKERS

- 1 1/4 LB. TO 6 1/4 LB. MAGNETS OF "ALCOMAX"—THE MOST EFFICIENT MAGNETIC MATERIAL AVAILABLE! ● FREE-EDGED CONE SUSPENSION MADE BY EXCLUSIVE GOODMANS PROCESS ● 12" AND 15" MODELS, ALL 3-WAY WITH SMOOTH LOW-, MID- AND HIGH-FREQUENCY COVERAGE ● ALL MODELS HAVE SPECIAL LOW-RESONANCE WOOFER CONES, STIFF MID-FREQUENCY RADIATOR CONES, COMPRESSION-DRIVER TWEETER HORNS ● FREQUENCY RESPONSE 30-20,000 CPS ● HIGH POWER-HANDLING CAPACITY ● HIGH EFFICIENCY WITH LOW-DISTORTION TRANSIENT RESPONSE ● WIDE DISPERSION-ANGLE TWEETER WITH SELF-ALIGNING ALUMINUM VOICE COIL & DIAPHRAGM ● PLUG-IN 12 DB OCTAVE CROSSOVER NETWORK WITH HIGH FREQUENCY LEVEL CONTROL SUPPLIED WITH ALL MODELS

LAFAYETTE went to this leading English speaker manufacturer for these outstanding custom speakers to provide you with this SUPER-PERFORMANCE VALUE by direct importation. These speakers are all 3-way units, with woofer, mid-range radiator and tweeter all axially mounted to provide an efficient, low distortion, wide-range speaker system. Available in 12" and 15" models, all speakers employ extremely heavy Alcomax magnets—the most efficient magnetic material available—for converting electrical impulses to sound with minimum distortion, especially with musical program material. In the exclusive Goodmans process used in manufacturing the woofer cones of these speakers, the cone rolls and cone edges are bombarded with minute particles of specially-blended plastic ma-

terials to form a virtually free-edged cone suspension without the usual joint faults found in so-called free-edged cones and eliminating standing waves and surround resonances. Frequency response of all models is 30-20,000 cps, voice coils are all 16 ohms. Free-air woofer cone resonances are 25 cps for 15" models, 35 cps for 12" models. At 2000 cps the stiff-coned mid-frequency radiator provides smooth mechanical crossover; the compression driver tweeter has a rigid plastic horn with 2 1/2" circular mouth, 1" diameter aluminum voice coil and diaphragm in a self-aligning assembly with an air chamber and phase equalizer and utilizes the plug-in 12 db per octave electrical network for smooth crossover at 5000 cps. The network has a high-frequency level control with attractive escutcheon and knob.

MADE BY THE  
**FAMOUS GOODMANS**  
English M'T'r Of Some Of The  
World's Best Hi-Fi Speakers!  
CUSTOM BUILT TO LAFAYETTE'S  
OWN RIGID SPECIFICATIONS

**Guaranteed**  
SUPER PERFORMANCE-  
VALUE  
**YOU BE THE JUDGE!**  
SATISFACTION  
OR YOUR MONEY BACK

ONLY 10% DOWN  
EASY TIME PAYMENTS

## LAFAYETTE-GOODMANS 1 1/4 LB. ALCOMAX MAGNET 12" AND 15" 3-WAY SPEAKERS

- 12" SPEAKER WITH 30-WATT POWER RATING ● 15" 35 WATTS ● WITH PLUG-IN 12 DB PER OCTAVE L/C CROSSOVER NETWORK & L-PAD LEVEL CONTROL

### SK-110 3-WAY 12" SPEAKER

Another highly efficient integrated 12" 3-way speaker system with response of 30-20,000 cps, cone resonance 35 cps, and power rating of 30 watts program material; dimensions 7" overall depth, 12 1/2" diam. Magnetic flux density 11,500 gauss; total flux 129,000 maxwells. 1 1/4"

voice coil. Rugged metal frame. Otherwise the same superior performance specifications as all other Lafayette-Goodmans speakers on this page. Shpg. wt., 20 lbs.

SK-110WX 5.00 Down Net 47.50

GET 2 FOR STEREO Only 44.50 Ea. Net

SK-111WX 3-way 15" with 1 1/4 lb. magnet. Same as SK-110 but 15" speaker, with power rating of 35 watts and cone resonance of 25 cps. 7" deep, 15 1/2" overall diameter. Shpg. wt., 25 lbs.

SK-111WX 5.45 Down Net 54.50

GET 2 FOR STEREO Only 51.50 Ea. Net

**1 1/4 LB. MAGNETS** 12 db/Octave  
**30-WATT 12" 47.50** L/C Crossover  
**35-WATT 15" 54.50** with L-Pad



## LAFAYETTE-GOODMANS 3/4 LB. ALCOMAX MAGNET 12" AND 15" 3-WAY SPEAKERS

- 40 WATTS POWER RATING OF 12" SPEAKER ● 15" 45 WATTS ● HEAVY DIE-CAST NON-RESONANT FRAMES ● 12 DB PER OCTAVE CROSSOVER WITH L-PAD HIGH-FREQUENCY LEVEL CONTROL ● 25-35 CPS WOOFER RESONANCE

### SK-112 3-WAY 12" SPEAKER

This is a 3-way integrated 12" speaker system whose performance can only be compared, in other makes, to the very best available. The superior efficiency of the 3/4 lb. Alcomax magnet with total flux of 185,000 maxwells plus the excellent constructional details, the exclusive Goodmans cone banding and treatment process, the 35 cps cone resonance, the superb Goodmans horn-loaded compression-driver tweeter, the heavy, non-resonant die-cast metal frame—all are combined to provide another LAFAYETTE SUPER-PERFORMANCE VALUE, made possible only by its

custom specifications and by direct importation to save you money. Specifications are similar to the other Lafayette-Goodmans 12" speakers listed on this page, except power rating is 40 watts program material, voice coil diam. is 1 1/4" and overall depth is 8 1/2". Shpg. wt., 25 lbs.

SK-112WX 6.95 Down Net 69.50

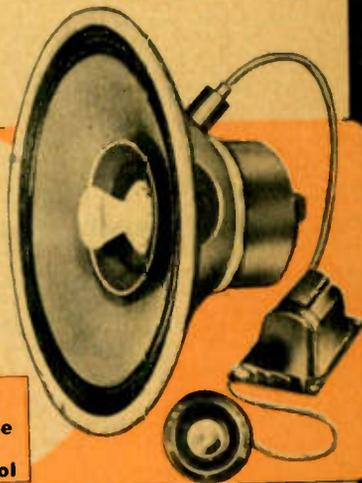
GET 2 FOR STEREO Only 63.50 Ea. Net

SK-113WX 3-way 15" with 3/4 lb. magnet. Same as SK-112 but 15" speaker with 25 cps cone resonance, power rating of 45 watts, voice coil diameter 2", total flux 201,000 maxwells. 8 1/2" deep, 15 1/2" diam. Shpg. wt., 30 lbs.

SK-113WX 7.95 Down Net 79.50

GET 2 FOR STEREO Only 72.00 Ea. Net

**3/4 LB. MAGNETS** Crossover  
**40-WATT 12" 69.50** Network  
**45-WATT 15" 79.50** 12 db/Octave  
with  
L-Pad Control



## LAFAYETTE-GOODMANS 6/4 LB. ALCOMAX MAGNET 12" AND 15" 3-WAY SPEAKERS

- 12" SPEAKER HAS 45 WATT POWER RATING ● 15" 50 WATT ● COMPLETE WITH PLUG-IN 12 DB PER OCTAVE L/C CROSSOVER NETWORK & L-PAD LEVEL CONTROL ● HEAVY, DIE-CAST NON-RESONANT FRAMES

### SK-114 3-WAY 12" SPEAKER

A highly-efficient 3-way 45-watt speaker for faithful reproduction of the complete audible spectrum without tone coloration or distortion. Response 30-20,000 cps. Has exclusive Goodmans special process woofer cone with 2" diameter aluminum voice coil and cone resonance of 35 cps, 6 1/4 lb. Alcomax magnet (the most efficient magnetic material available), stiff-coned mid-range radiator with 2000 cps mechanical crossover, and horn-loaded compression-type tweeter with self-aligning aluminum voice coil and diaphragm. Magnetic flux density is 14,500 gauss;

total flux is 227,000 maxwells. Supplied with 5000 cps plug-in 12 db per octave electrical network with high frequency level control. 16 ohms impedance. Rated at 45 watts power handling capacity with integrated program material. Ruggedly constructed heavy die cast metal frame minimizes frame resonances; with screw terminals for easy connections, socket for plug-in crossover network and level control harness. Dimensions: 3 1/2" overall depth, 12 1/2" diam.; takes 11" diam. baffle opening. Shpg. wt., 35 lbs.

SK-114WX 7.95 Down Net 79.50

GET 2 FOR STEREO Only 73.50 Ea. Net

SK-115WX 3-way 15" with 6 1/4 lb. magnet. Same as SK-114 but 15" speaker, with power rating of 50 watts and cone resonance of 25 cps. 8 1/2" deep, 15 1/2" overall diam.; requires 13" diam. baffle opening. Shpg. wt., 40 lbs.

SK-115WX 8.95 Down Net 89.50

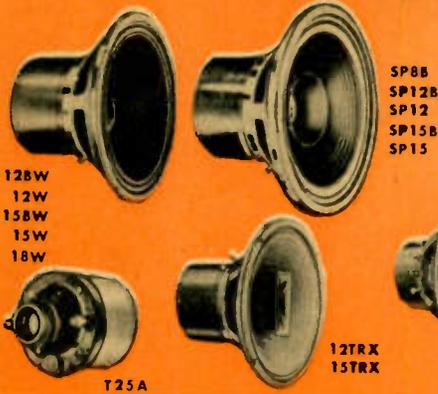
GET 2 FOR STEREO Only 82.00 Ea. Net

**6 1/4 LB. MAGNETS** 45-WATT 12" 79.50 50-WATT 15" 89.50



LAFAYETTE IS AMERICA'S LEADING HIGH-FIDELITY SUPPLIER

# Electro-Voice HIGH FIDELITY SPEAKERS

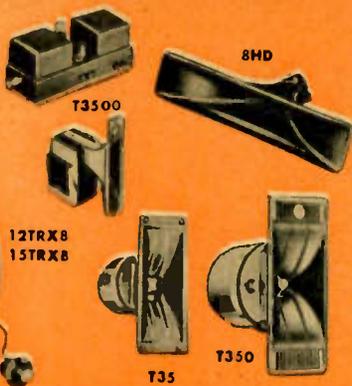


128W  
12W  
158W  
15W  
18W

SP88  
SP12B  
SP12  
SP15B  
SP15

12TRX  
15TRX

T25A



T3500

8HD

12TRXB  
15TRXB

T35

T350



AT37

XT1

X36

X-2835

## CROSSOVERS

All EV crossovers use high-Q air core coils and paper condensers. Low insertion loss: attenuation 12 db per octave in 1/2 section, 6 db per octave in 1/4 section crossovers.

**MODEL X8 Crossover.** 1/2 section. Crossover point, 800 cps. Impedance 16 ohms in and out. Size 4-11/16" h., 4-1/16" w., 3/4" d. Shpg. Wt., 4 lbs. (not illustrated)  
**GS-30** ..... 5.00 Down ..... Net 31.36

**MODEL X825 Crossover** as used in EV 108 system. 1/4 section. Crossover point, 800 cps. Impedance 16 ohms in and out. Size 3-7/16" h., 4-7/16" w., 3/4" d. Shpg. Wt., 3 lbs. (not illustrated)  
**GS-29** ..... Net 18.62

**Model X36 Crossover.** Recommended for use with T35 and T35B. 1/2 section. Crossover point, 3500 cps. Impedance 16 ohms in and out. Size 3-7/16" h., 4-7/16" w., 3/4" d. Shpg. Wt., 2 lbs.  
**GS-31** ..... Net 9.31

**MODEL X-2835.** 4-way Driver. 1/4 and 1/2 sections. Crossover points: 200, 800, 3500 cps. Imped. 16 ohms. Size 6-1/16" x 5 5/8" x 5 1/4". Shpg. Wt., 10 lbs.  
**GS-32** ..... 7.35 Down ..... Net 73.50

**MODEL XT1 STEREO MIXER TRANSFORMER**  
 Permits use of either 4.8- or 16 ohm system with feedback loops in the voice coil secondary. The XT1 isolates the feedback potential and prevents what otherwise would be a short circuit of both amplifiers. Shpg. wt., 3 lbs.  
**GS-40** ..... Net 13.23

## LOW FREQUENCY DRIVERS

**MODEL 128W—12" LF driver.** Resonance, 40-50 cps. Used in EV 108A system. 1 lb. Alnico V magnet, 20 watts. Impedance, 16 ohms. Sens. rtg., 45 db. 12 1/2" diam., 11" opening, 6" depth behind panel. Shpg. Wt., 12 lbs.  
**GS-23** ..... 5.00 Down ..... Net 34.30

**MODEL 12W—12" LF driver.** Resonance 35-45 cps. 3 lb. Alnico V magnet, 25 watts, 16 ohms impedance. Sens. rtg. 48 db. 12 1/2" diameter 11" max. baffle opening, 7 1/2" depth behind panel. Shpg. Wt., 25 lbs.  
**GS-24WX** ..... 6.50 Down ..... Net 64.68

**MODEL 15W—15" LF driver.** Resonance, 25-35 cps. 5 1/2 lb. Alnico V magnet. 30 watts, 16 ohms impedance. Sens. rtg., 50 db. 15 1/2" diam. 13 1/2" max. opening. 9" behind panel. Shpg. Wt., 41 lbs.  
**GS-26WX** ..... 8.75 Down ..... Net 87.22

**MODEL 158W—15" LF driver.** Resonance, 38-48 cps. 1 lb. Alnico V magnet. 20 watts. 16 ohms impedance. Sens. rtg. 47 db. 15 1/2" diam., 13 1/2" max. baffle opening. 7 1/2" depth behind panel. Shpg. Wt., 15 lbs.  
**GS-25** ..... 5.00 Down ..... Net 42.14

**MODEL 18W—18" LF driver.** 30 watts. Resonance, 25-35 cps. 16 ohms impedance. Sens. rtg. 53 db. 18 1/2" diam., 16 1/2" max. opening, 10" behind panel. 5 1/2 lb. Alnico V magnet. Shpg. Wt., 43 lbs.  
**GS-27WX** ..... 11.75 Down ..... Net 117.60

**MODEL 30W-30" LF Driver.** 8 cps. 4 1/2 lb. ceramic magnet. 16 ohms. Imp. Sens. rating 55 db. 29 1/2" dia. 28 1/2" max. opening, 13 1/2" behind panel. Shpg. Wt., 42 lbs.  
**GS-39WX** ..... 13.95 Down ..... Net 139.50

**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 1/4" h., 1 1/4" w., 7 1/2" d. Mounting hardware included. Shpg. Wt., 4 lbs.  
**GS-35** ..... Net 17.64

**Model AT37 Level Control.** 16 ohm "L" pad. For use with T35, T35B, T10A, T25A, 848HF drivers and similar applications. Adjusts output level to individual taste. Mahogany diol. Shpg. Wt., 6 oz.  
**GS-33** ..... Net 3.81

**Model AT37B—Similar to above but blonde.** Shpg. Wt., 6 oz.  
**GS-34** ..... Net 3.81

## RADAX COAXIAL SPEAKERS

The Radax principle is an economical method of using two coaxial cones both operating from single voice coil, to divide the audible spectrum for reproduction.

**MODEL SP88 RADAX SUPER-EIGHT—8" speaker.** Resonance, 55-65 cps. 20 watts. Response 35-13,000 cps. 16 ohms impedance. Sens. rtg. 45 db. Crossover, 600 cps. 1 lb. Alnico V magnet 8 3/4" diam., 7" baffle opening, 4 1/2" depth behind panel. Shpg. Wt., 9 lbs.  
**GS-18** ..... 5.00 Down ..... Net 28.91

**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 1/4" diameter, 11" baffle opening, 6" depth behind panel. Shpg. Wt., 12 lbs.  
**GS-19** ..... 5.00 Down ..... Net 34.30

**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 1/4" diameter, 11" baffle opening, 7 1/2" depth behind panel. Shpg. Wt., 25 lbs.  
**GS-20 WX** ..... 6.50 Down ..... Net 64.68

**MODEL SP15B RADAX FIFTEEN—15" speaker.** Resonance 38 cps. 15-20 watts. Response 30-13,000 cps. 16 ohms impedance. Sens. rtg. 47 db. Crossover 3500 cps. 1 lb. Alnico V magnet. 15 1/4" diam., 13 1/2" baffle opening, 7 1/2" depth behind panel. Shpg. Wt., 15 lbs.  
**GS-22 WX** ..... 5.00 Down ..... Net 42.14

**MODEL SP15 RADAX SUPER-FIFTEEN—15" speaker.** Resonance 40 cps. 30 watts. Response 30-13,000 cps. 16 ohms impedance. Sens. rtg., 50 db. Crossover, 3000 cps. 5 1/2 lb. Alnico V magnet. 15 1/4" diameter. 13 1/2" baffle opening 9" depth behind panel. Shpg. Wt., 41 lbs.  
**GS-21WX** ..... 8.75 Down ..... Net 87.22

## VERY-HIGH-FREQUENCY DRIVERS

Smooth reproduction . . . 180° dispersion using diffraction horns.

**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 7-1/12" long, 2" wide. Pot 3 1/4" diameter. Overall depth 4 1/2". Shpg. Wt., 9 1/2 lbs.  
**GS-11** ..... 5.90 Down ..... Net 58.80

**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 1/2" long. 2" wide. Pot 2 1/4" diameter. Overall depth 3 1/2". Shpg. Wt., 3 lbs.  
**GS-12** ..... 5.00 Down ..... Net 34.30**

**MODEL T35B—For VHF reproduction in multiway systems.** Response to 18 kc. Sens. Rtg. 54 db. 16 ohms. Recommended crossover 3500 cps. Horn 5 1/2" long, 2" wide. Pot 2 1/4" diameter. Overall depth 3". Shpg. Wt., 3 lbs.  
**GS-13** ..... 5.00 Down ..... Net 21.56

**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 1/4" diam., 4-1/16" deep. Throat diam. 7/8". Shpg. wt., 6 lbs.  
**GS-28** ..... 5.70 Down ..... Net 56.84

## TRX INTEGRAL 3-WAY SPEAKERS

Concentric design combines the advantages of VHF reproduction, Radax propagator, and large bass cone with heavy magnet in one assembly.

**MODEL 12TRX—Overall diameter 12 1/4".** Resonance, 40 cps. 25 watts. Magnet weight, 3 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.  
**GS-17WX** ..... 12.25 Down ..... Net 122.50

**MODEL 12TRXB—3-Way assembly completely wired with HF control.** Overall diam. 12 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 6-1/16". Imp., 16 ohms. Sens. Rtg. 46 db. Shpg. wt. 14 lbs. X36 is not required.  
**GS-15** ..... 6.50 Down ..... Net 64.68

**MODEL 15TRX—15 1/2" diameter overall.** Resonance 35-45 cps. 30 watts. Magnet weight, 5 1/2 lbs. Response 30-15,000 cps in REGENCY enclosure. Depth behind panel 9 1/4". Mechanical crossover 2000 cps; electrical crossover, 3500 cps. Impedance, 16 ohms. Sens. rtg. 51 db. Shpg. wt., 48 lbs. With X36 and AT37.  
**GS-16 WX** ..... 14.60 Down ..... Net 146.02

**MODEL 15TRXB—Integrated 3-way assembly completely wired with HF control.** Overall diam. 15 1/2". Resonance 38-48 cps. 20 watts. Magnet weight 1 lb. 2 oz. Response 30-15,000 cps. Mechanical crossover 2000 cps. electrical crossover 3500 cps. Depth behind panel 7 1/2". Impedance 16 ohms. Sens. rtg. 47 db. Shpg. Wt., 17 lbs. X36 not required.  
**GS-14WX** ..... 7.75 Down ..... Net 77.42

## IONOVAC IONIZED AIR VHF DRIVER MODEL T3500

A new approach to high frequency reproduction. A glowing violet "cloud" of ionized air replaces the speaker diaphragm. The cloud is modulated directly by the audio signal. The result is impeccable sound reproduction. Frequency response ± 2 db from 2 to 40 kc. RETMA sensitivity 60 db. Impedance 160 ohms. Handles 50 watts. Size 5 1/2" x 5" x 1 3/4". Shpg. Wt., 22 lbs.  
**GS-10WX** ..... 14.70 Down ..... Net 147.00

## EXPAND YOUR HI-FI SYSTEM WITH STEP-UP KITS

**HF-1 HIGH FREQUENCY STEP-UP KIT—Extends high frequency performance of Wolverine speakers.** Kit includes high frequency horn driver which spreads the sound through a full 180 arc. 3500 cps crossover furnished, has built in level control. Tweeter size 5 1/2" L, 2" W, 2 3/4" D. Shpg. Wt., 4 1/2 lbs. With all hardware and Instructions.  
**GS49** ..... Net 19.60

**MF-1 Mid-Frequency Step-Up Kit—For addition to Wolverine 12" speaker systems after HF-1 kit has been added.** Kit converts the 2-way system to a 3-way system. Includes special horn driver with 180 dispersion for even sound spread. A 6 db/oct, 1000 cycle crossover is included. Built-in level control. Speaker size: 4" W, 10 1/2" L, 9 1/2" D. Shpg. Wt., 5 lbs.  
**GS-30** ..... 5.00 Down ..... Net 24.50

## "WOLVERINE" FULL-RANGE HI-FI LOUDSPEAKERS

### LS-8 FULL RANGE 8-INCH LOUDSPEAKER

New, economical 8" speaker for use where space is at a premium. Radax construction with one-piece molded cones. Response 50-13,000 cycles, peak power 40 watts, impedance 8 ohms. 8 3/4" dia., 3 1/2" deep. Shpg. Wt., 4 1/2 lbs.  
**GS-36** ..... Net 17.64

### LS-12 FULL RANGE 12-INCH LOUDSPEAKER

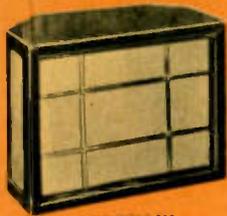
New popularly priced 12-inch coaxial loudspeaker of exceptionally high quality. Radax cone provides a smooth treble response, low distortion. Response 30 to 13,000 cps, peak capacity 40 watts, impedance 8 ohms. 12 1/2" dia., 3 1/2" deep. Shpg. Wt., 6 lbs.  
**GS-37** ..... Net 19.11

### LS-15 FULL RANGE 15-INCH LOUDSPEAKER

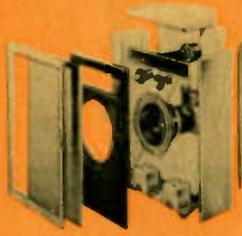
New, low cost 15-inch coaxial loudspeaker. Radax construction. Response 30 to 13,000 cps. peak capacity 40 watts, impedance 8 ohms. 15 1/2" dia. x 6-11/32 deep. Shpg. Wt., 12 lbs.  
**GS-38** ..... 5.00 Down ..... Net 24.01

LS-8  
LS-12  
LS-15

# Electro-Voice ENCLOSURES, HIGH EFFICIENCY SYSTEMS & CONSOLES



REGENCY



ENCLOSURE KIT



CORONET



MARQUIS



ARISTOCRAT



BARONET

## THE REGENCY

An enclosure of superb styling for 15" speaker or 2- or 3-way systems, without modifications. Has "built-in corner". Can be used in corner or against flat wall. Response down to 30 cps. Selected hardwood veneers. Grille in brushed brass finish. Size: 29 1/2" H, 33 1/2" W, 19" D. Shpg. wt., 90 lbs.

GB-33WX Mahog	12.75 Down	Net 127.50
GB-34WX Oak	13.75 Down	Net 137.20
GB-35WX Walnut	13.75 Down	Net 137.20

## REGENCY III

Includes E-V deluxe 15" 3-way system completely wired and installed in Regency enclosure. Shpg. wt., 135 lbs.

GB-36WX Mahog	38.50 Down	Net 385.14
GB-37WX Oak	39.50 Down	Net 394.94
GB-38WX Walnut	39.50 Down	Net 394.94

## UNFINISHED ENCLOSURE KITS

### KD 4 REGENCY

Folded Horn Lowboy for Wall or Corner; Takes 15" Coaxial Or 3-Way Speaker Or Systems. 29 1/2" H x 33 1/2" W x 19" D. Shpg. Wt., 70 lbs.

GB-48WX	7.15 Down	Net 71.54
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### KD 6 ARISTOCRAT

Space-Saver Folded Corner Horn For 12" 2- Or 3-Way Systems. 29 1/2" H x 12" W x 15 1/2" D. Shpg. Wt., 36 lbs.

GB-49WX	5.00 Down	Net 38.22
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### KD 7 BARONET

Folded-Horn Corner Enclosure Of Small Size For 8" 2-Way Systems. 23" H x 14" W x 13" D. Shpg. Wt., 16 lbs.

GB-50WX	5.00 Down	Net 25.48
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### KD 9 MARQUIS

Along-the-wall folded horn enclosure. 29 1/2" H x 19" W x 14 1/2" D. Shpg. Wt., 38 lbs.

GB-51WX	5.00 Down	Net 35.28
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## FINISHING KITS

Electro-Voice kits make it easy for you to obtain professional-like furniture finishes. These kits, prepared especially for the home finisher, are complete with stain, filler, sealer, shellac, high gloss and satin varnishes, finishing paper, brushes and simple easy-to-follow instructions. Available in the following finishes. Shpg. wt., 5 lbs.

Stock Mfr. No.	Finish	Stock Mfr. No.	Finish
GS-43	FK10 Walnut	GS-46	FK40 Cherry
GS-44	FK20 Cordovan	GS-47	FK30 Golden Oak
GS-45	FK30 Mahogany	GS-48	FK60 Ebony

## THE LINDON

Shelf-type cabinet, designed to match 8" high fidelity speakers. Wood grain finish with brushed brass and distinctive speaker board fabrics. Finished on all four sides. Sturdy construction of heavy plywood. Speaker mounting board is precut for an 8" driver loudspeaker. Precut ports permit effortless addition of the MF-1. Size 11" high x 23 1/2" wide x 10" deep. Shpg. wt., 16 lbs.

GB-39WX Mahog	5.00 Down	Net 33.81
GB-40WX Blond	5.00 Down	Net 33.81
GB-41WX Walnut	5.00 Down	Net 33.81
GB-65WX Unfinished	5.00 Down	Net 28.42

## THE CORONET

The Coronet adapts ideally to use as an economical stereo speaker system or as a second channel for other E-V speaker systems. Extends and enhances bass response below 100 cycles for finest, small-speaker reproduction. Response: 70 cps to beyond audibility. Selected hardwood veneers, brushed brass trim. Alcohol and burn-proof top. Size: 25" H, 9 1/2" W, 17 1/2" D. Shpg. wt., 19 1/2 lbs.

Enclosure only	5.00 Down	Net 34.79
GB-9WX Mahog	5.00 Down	Net 34.79
GB-10WX Oak	5.00 Down	Net 34.79
GB-11WX Walnut	5.00 Down	Net 34.79

## CORONET 1A

Includes Model SP88, T35B VHF Driver, X36 crossover, AT37 level control, wiring harness, completely wired and installed in Coronet enclosure. Shpg. wt., 38 lbs.

GB-12WX Mahog	10.00 Down	Net 99.96
GB-13WX Oak	10.00 Down	Net 99.96
GB-14WX Walnut	10.00 Down	Net 99.96

## BARONET

True folded-horn corner enclosure extends bass range by two full octaves. Designed for use with SP88 8" Rodox reproducer. Selected hardwood veneers. Size: 25 1/2" H, 16" W, 12" D. Shpg. wt., 40 lbs.

GB-27WX Mahog	5.00 Down	Net 44.10
GB-28WX Oak	5.00 Down	Net 48.02
GB-29WX Walnut	5.00 Down	Net 48.02

## BARONET III

Includes Model SP88 8" full-range coaxial loudspeaker, E-V T35B VHF driver, X36 crossover network and AT37 level control, mounted, wired and installed. Shpg. wt., 34 lbs.

GB-30WX Mahog	10.95 Down	Net 109.27
GB-31WX Oak	11.30 Down	Net 113.19
GB-32WX Walnut	11.30 Down	Net 113.19

## "DO-IT-YOURSELF" ENCLOSURE PLANS

Easy-to-follow instruction books tell you how to build the E-V high fidelity enclosure of your choice. Clear, concise, details and illustrations.

BK-1036 184 Aristocrat Instruction Book	Net .98
BK-1037 186 Aristocrat Instruction Book	Net .98
BK-1038 187 Baronet Instruction Book	Net .73

## THE LORAINÉ

A folded horn corner enclosure. Made of heavy, 1/2" plywood throughout. For 12" speaker and installation of the MF-1 and MF-1 kits for 3-way speaker performance. Pre-drilled mounting holes accommodate the speaker lever controls. Includes adapter ring for 8" loudspeakers, and removable bass cleats. 27" H, 20" W, 14" D. Shpg. wt., 23 lbs.

GB-42WX Mahog	5.00 Down	Net 47.04
GB-43WX Blond	5.00 Down	Net 47.04
GB-44WX Walnut	5.00 Down	Net 47.04

## THE ARISTOCRAT

Enclosure of distinction for any full-range 12" speaker. Unusually smooth reproduction down to 35 cps. Selected hardwood veneers. Brushed brass grille. Size: 29 1/2" H, 19" W, 16-5/16" D. Shpg. wt., 44 lbs.

GB-15WX Mahog	7.05 Down	Net 70.56
GB-16WX Oak	7.75 Down	Net 77.42
GB-17WX Walnut	7.75 Down	Net 77.42

## ARTISTOCRAT III

Includes E-V deluxe 12" 3-way system completely wired and installed in Aristocrat enclosure. Shpg. wt., 74 lbs.

GB-18WX Mahog	30.60 Down	Net 305.76
GB-19WX Oak	31.25 Down	Net 312.62
GB-20WX Walnut	31.25 Down	Net 312.62

## MARQUIS

This along-the-wall type enclosure utilizes the proven principle of increased reflected speaker inductance. Efficiency below the 100-cycle point is increased by nearly 40%. For 12" speakers, or 2- or 3-way system without modification. Response down to 40 cps. Selected hardwood veneers. Brushed brass grill. Size: 29 1/2" H x 19" W x 14 1/2" D. Shpg. wt., 50 lbs.

GB-21WX Mahog	6.17 Down	Net 61.74
GB-22WX Oak	6.75 Down	Net 67.62
GB-23WX Walnut	6.75 Down	Net 67.62

## MARQUIS III

Includes E-V deluxe 12" 3-way system completely wired and installed in Marquis enclosure. Shpg. wt., 85 lbs.

GB-24WX Mahog	29.70 Down	Net 298.94
GB-25WX Oak	30.30 Down	Net 302.82
GB-26WX Walnut	30.30 Down	Net 302.82

## DECORATIVE TRIM KIT

Addition of these custom grille and trim sets will provide a smart finished appearance to any enclosure.

AK5. For KD 4 Regency—Lacquered antique brushed brass crossover grille cut for right-size of 24" by 29 1/2". Shpg. wt., 3 lbs.	Net 5.88
GS-42W	Net 5.88
AK6. For Aristocrat grille, similar to above, but smaller size. Shpg. wt., 3 lbs.	Net 4.70
GS-41W	Net 4.70

## THE LANCASTER

Enclosure utilizes the reactive baffle principle to obtain full response from any 12" speaker. Designed for along-the-wall use, finished on all four sides, 1/2" plywood and floating rear baffle. Pre-cut ports accommodate the MF-1 and MF-1 for 2- or 3-way performance. Includes 8" speaker adapter and two cleat legs. 20" x 14" x 25". Shpg. wt., 24 lbs.

GB-45WX Mahog	5.00 Down	Net 47.04
GB-46WX Blond	5.00 Down	Net 47.04
GB-47WX Walnut	5.00 Down	Net 47.04
GB-66 Accessory leg kit		Net 7.84

## "WOLVERINE" CUSTOM STYLED ENCLOSURES FOR SHELF, WALL OR CORNER

The Lindon



The Lorainé



The Lancaster



SPEAKERS AND SPEAKER SYSTEMS ARE AVAILABLE ON LAFAYETTE'S EASY PAY PLAN - SEE PAGE 302

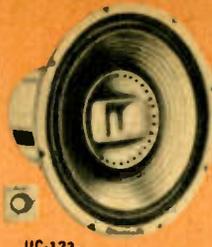


## SERIES 100

# WIDE-RANGE SPEAKERS



UC-153



UC-123



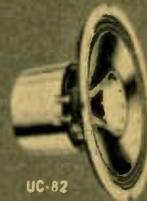
UC-122



UC-152



UC-121



UC-82

### SERIES 100

University's new Series 100 wide range speakers are engineered to the highest specifications from the finest materials available. Identified by their attractive exteriors—matte black baskets and chrome silver dust covers—they represent the most outstanding values in the high fidelity field. Once again, University proves that quality does not necessarily mean high prices.

**Model UC-153 15" 3-Way Diffaxial** Features high efficiency tweeter and deluxe, multi-element Diffusicone mid-range. 2 lb. all-Alnico 5 magnet. Response from below 30 cps to inaudibility. 30 watts rating. 8-16 ohms. Shpg. wt., 12 lbs.

GS-100WX 8.13 Net 81.34

**UC-152 15" 2-Way Diffaxial** Potented Diffusicone element provides dual horn loading of apex of cone to extend mid and high frequency response. Excellent wide-angle dispersion of highs. 1 1/2 lb. all-Alnico 5 magnet. Response from below 30 to 14,000 cps. 30 watts rating. 8-16 ohms. Shpg. wt., 8 1/2 lbs.

GS-101WX 5.00 Down Net 44.10

**Model UC-123 12" 3-Way Diffaxial** Exclusive sectional Diffusicone element. UXT-5 super-tweeter with "reciprocating flare" horn. Super-sensitive all-Alnico 5 magnet. Crossover over at 1000 cps mechanically, 5000 cps electrically. Response: below 45 cps to 17,500 cps. 25 watts rating. 8-16 ohms. Shpg. wt., 9 lbs.

GS-102 6.47 Down Net 65.17

**Model UC-122 12" 2-Way Diffaxial** Coaxial horn loading of apex of cone extends mid and high frequency response. Exclusive uni-sectional Diffusicone element provides 1000 cps mechanical crossover and uniform wide-angle dispersion. Super-sensitive all-Alnico 5 magnet. Response: 45-13,000 cps. 25 watts rating. 8-16 ohms. Shpg. wt., 5 1/4 lbs.

GS-103 5.00 Down Net 34.79

**Model UC-121 12" Extended Range** Only 4" deep, perfect for wall and other limited space installations. Highly efficient. 1 lb. All-Alnico 5 magnet. Response: 45-10,000 cps. 300 watts rating. 8-16 ohms. Shpg. wt., 5 1/4 lbs.

GS-104 5.00 Down Net 27.44

**Model UC-82 8" Wide Range New!** Especially designed for small cabinet stereo applications. Ideal for later addition of one University dual voice coil woofer to extend combined bass range of both channels. Also effective as second channel or stereo add-on speaker. All-Alnico 5 magnet. Response: 45-14,000 cps. 25 watts rating. 8-16 ohms. Shpg. wt., 3 1/2 lbs.

GS-105 Net 16.61

### OTHER SUPERB WIDE-RANGE SPEAKERS

**Model 315-C Super 15" 3-Way Diffaxial** Woofer performance equivalent to C-15W. Diffusicone mid-range has 1000 cps crossover. Heavy duty M-600/T-50 tweeter crosses over at 5000 cps. Built-in L/C network with mid-range and treble controls. 6 1/2 lbs. of all-Alnico 5 magnet. Response from below 25 cps to inaudibility. 50 watts rating. 8-16 ohms. Shpg. wt., 34 1/2 lbs.

GS-106WX 15.29 Down Net 152.88

**Model 312 12" 3-Way Diffaxial** Completely engineered package with HF-206 tweeter "trueaxially" projected. Diffusicone mid-range. Built-in L/C network with treble control. Crossovers at 1000 and 5000 cps. 2 lbs. of all-Alnico 5 magnet. Response from below 40 cps to inaudibility. 25 watts rating. 8-16 ohms. Shpg. wt., 11 lbs.

GS-107 7.15 Down Net 71.54

**Model 6201 12" Dual Range Coaxial** Tweeter projects through center of woofer. Built-in L/C network with balance control. 1 3/4 lbs. of all-Alnico 5 magnet. Response: 45-15,000 cps. 25 watt rating. 8-16 ohms. Shpg. wt., 10 1/4 lbs.

GS-108 5.66 Down Net 56.60

**Diffusicone-12 12" 2-Way Diffaxial** Employs patented multi-element Diffusicone with 1000 cps crossover. Response from below 40 cps to 14,000 cps. 30 watts rating. 1 1/2 lbs. all-Alnico 5 magnet. 8-16 ohms. Shpg. wt., 6 lbs.

GS-109 5.00 Down Net 38.95

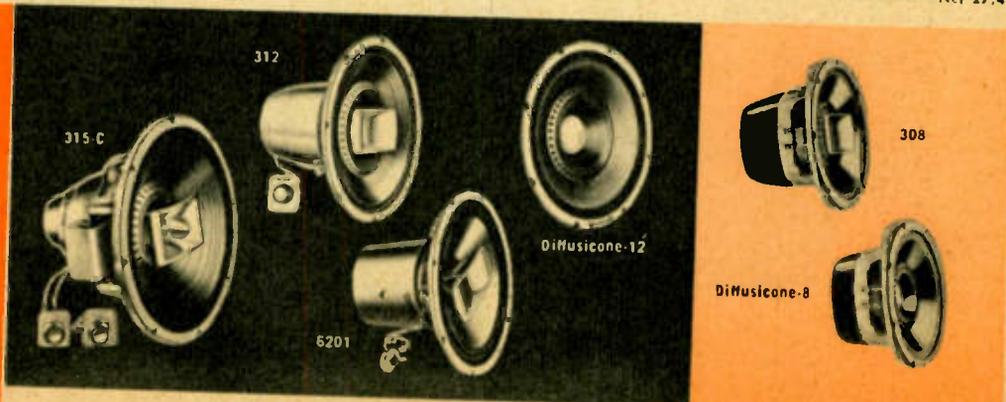
**Model 308 8" 3-Way Diffaxial** Compression tweeter projects through center of woofer. Wide-angle horn employs "reciprocating flare" principle. Diffusicone mid-range. Extra large woofer voice coil. 1 1/4 lbs. of all-Alnico 5 magnet. Response: 40-15,000 cps. 25 watts rating. 8-16 ohms. Shpg. wt., 6 lbs.

GS-110 5.00 Down Net 41.16

**Diffusicone-8 8" 2-Way Diffaxial** Potented multi-element Diffusicone provides 1000 cps mechanical crossover. Response from 40-13,500 cps. Full pound of all-Alnico 5 magnet. 25 watts rating. 8-16 ohms. Shpg. wt., 4 3/4 lbs.

GS-111 5.00 Down Net 27.44

## OTHER SUPERB WIDE-RANGE SPEAKERS



312

315-C

Diffusicone-12

308

Diffusicone-8

6201

# WOOFERS



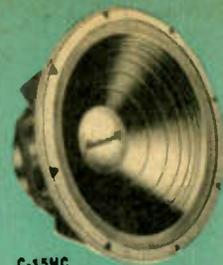
C-15W



C-12SW



C-63W



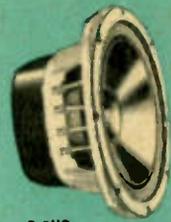
C-15HC



C-8W



C-12HC



C-8HC

**C-15W 15" DUAL VOICE COIL WOOFER**  
Response from below 25 to 1500 cps. 50 watts rating. 4-20 ohms. 10 1/2" deep. Shpg. wt., 26 3/4 lbs.

GS-112WX ..... 8.33 Down ..... Net 83.30

**C-12SW 12" DUAL VOICE COIL WOOFER**  
High-end response adjustable to 700, 2500, or 5000 cps. 1 1/2 lb. all-Alnico 5 Gold Dot magnet. Response from 40-6000 cps. 30 watts rating. 8 ohms. 6 1/2" deep. Shpg. wt., 7 1/4 lbs.

GS-113 ..... 5.00 Down ..... Net 38.71

**MODEL C-8W 8" WOOFER** Response down to 50 cps with proper baffling. All-Alnico 5 Gold Dot magnet. 25 watts rating. 8 ohms. 4 1/2" deep. Shpg. wt., 3 lbs.

GS-114 ..... 5.00 Down ..... Net 14.70

**MODEL C-63W 15" WOOFER** High-end response adjustable to 700, 2500 and 5000 cps. Smooth response from below 30 to 6000 cps. 1 1/2 lbs. All-Alnico magnet. 30 watts rating. 10" deep. 00 ohms. Shpg. wt., 10 lbs.

GS-115W ..... 5.00 Down ..... Net 48.02

**MODEL C-15HC 15" DVC HIGH COMPLIANCE WOOFER** Ultra linear response throughout entire low frequency range. New Hiflux Uniferrax-7 magnet material in twin-spider assembly ensures positive transient control. Cone resonance 15 cps. Response to 800 cps. 4-20 ohms. 60 watts rating. 8 1/2" deep. Shpg. wt., 24 3/4 lbs.

GS-116WX ..... 8.77 Down ..... Net 87.71

**C-12HC 12" DVC HIGH COMPLIANCE WOOFER** Response to 2500 cps. Cone resonance 18 cps. New hiflux Uniferrax-7 magnet material. 4-20 ohms. 50 watts rating. 5 1/2" deep. Shpg. wt., 8 1/2 lbs.

GS-117 ..... 5.00 Down ..... Net 48.51

**C-8HC 8" DVC HIGH COMPLIANCE WOOFER** Newly engineered for those who want full bass response down to 40 cps even from the smallest enclosure. Features University dual voice coil and new type heavy die cast basket for extreme rigidity and reliability. Uniferrax-7 magnet material. Response: 38-2200 cps. 8 ohms. 30 watts rating. 4 1/4" deep. Shpg. wt., 7 1/4 lbs.

GS-118 ..... 5.00 Down ..... Net 39.16

## TWEETER AND MID-RANGE

**Model HF-206 Hypersonic Tweeter** High frequencies beyond audibility. For 5000 cps crossover or above. 25-50 watts. 8 ohms. 6" x 3-5/16" x 6-9/16". Shpg. wt., 3 1/2 lbs.

GS-119 ..... 5.00 Down ..... Net 32.34

**Model UXT-5 Super Tweeter** For 5000 cps crossover or above. 8 ohms. 25-50 watts rating. 4 1/4" x 2 1/2" x 4". Shpg. wt., 1 1/4 lbs.

GS-120 ..... 5.00 Down ..... Net 20.58

**Model 4401 Tweeter** For 2500 cps crossover. Response to 15,000. 8 ohms. 25 watts rating. 6" x 2 1/4" x 6-5/16". Shpg. wt., 2 lbs.

GS-121 ..... 5.00 Down ..... Net 17.64

**Model H-600 Horn** 600 cps cut-off horn. Use with T-30 or T-50 driver and N-2A network. 7 3/4" x 8 1/4" x 4 1/4". Shpg. wt., 2 1/2 lbs.

GS-122 ..... 5.00 Down ..... Net 18.62

**Cobraflex Horn** Perfect as top end of 2-way, or 3-way system. Permits crossover at low as 350 cps. 10 1/4" x 18 1/2" x 9 1/4". Shpg. wt., 10 1/4 lbs.

GS-123 ..... 5.00 Down ..... Net 20.54

**Model T-30 High Frequency Driver** Use with H-600 or Cobraflex for mid-range in 3 and 4-way systems, or as tweeter in 2-way system. Driver response from 200 to 15,000 cps. 8 ohms. Shpg. wt., 2 1/4 lbs.

GS-124 ..... 5.00 Down ..... Net 29.40

**Model T-50 Hypersonic High Frequency Driver** Heavy duty super-efficient driver for use with H-600 Horn. Response from 600 cps to inaudibility. 8 ohms. Shpg. wt., 5 lbs.

GS-125 ..... 5.00 Down ..... Net 48.51

## ADJUSTABLE NETWORKS

**Model N-1 High Pass Filter Crossover** and Impedance combinations: 2500, 5000, 10,000 cps at 8 ohms; 1250, 2500, 5000 cps at 16 ohms; 5000, 10,000 cps at 4 ohms. 3 1/2" x 3 1/4" x 3". Shpg. wt., 1 1/4 lbs.

GS-126 ..... 5.00 Down ..... Net 13.72

**Model N-3 "Acoustic Baton"** Connections for 350 or 7000 cps crossover and 5000 cps. Built-in "presence" and "brilliance" controls. 8 ohms. 7" x 5" x 3". Shpg. wt., 5 1/2 lbs.

GS-127 ..... 5.00 Down ..... Net 31.36

**N-2A Crossover** Permits use of any speaker combination with great variety of voice coil impedances and crossovers. 350 or 700 cps at 8 or 16 ohms; 700 cps at 4 ohms. 3 1/2" x 3 1/4" x 3". Shpg. wt., 2 1/4 lbs.

GS-128 ..... 5.00 Down ..... Net 17.64

**N-2B Crossover** 1250, 2500, or 5000 cps at 8 ohms; 2500, 5000 cps at 16 ohms; 2500 cps at 4 ohms. 3 1/2" x 3 1/4" x 3". Shpg. wt., 2 1/4 lbs.

GS-129 ..... 5.00 Down ..... Net 13.72

**Model A-1 Stereo Adapter** Enables use of any single woofer for both stereo channels while maintaining electrical separation of mid and high frequencies to preserve stereo effect. Includes phasing switch. Shpg. wt., 5 1/2 lbs.

GS-130 ..... 5.00 Down ..... Net 29.40

**Model AP-8 Balance Control** For balancing sound to room acoustics and regulating speakers of different efficiencies. Use with N-2A and N-2B. Escutcheon marked "presence" on one side, "brilliance" on other. 8-16 ohms. Shpg. wt., 7 ozs.

GS-131 ..... 5.00 Down ..... Net 3.87

## MODEL SK-1 STEREO PREPARATION KIT

Converts any existing speaker system having University dual voice coil woofer to single woofer. 2-channel stereo. Not needed for University "Stereo-adapted" system. Shpg. wt., 1 lb.

GS-132 ..... 5.00 Down ..... Net 5.87

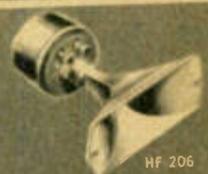
## RRL LINEAR RESPONSE COMPONENT KITS: CUL-10, CUL-11

CUL-10 comprises the following components: C-12HC woofer, UL/HC tweeter, HC-2 network; CUL-11, components: C-15HC woofer, Diffuscone-8 midrange, UL/HC tweeter, HC-3 network. Complete with all wiring cables and easy-to-follow instructions for building and installing RRL enclosure. Shpg. wt., CUL-10, 15 lbs.; CUL-11, 37 lbs.

GS-133WX CUL-10 9.68 Down Net 96.77

GS-134WX CUL-11 16.12 Down Net 161.21

# TWEETERS AND MID-RANGE



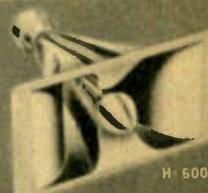
HF 206



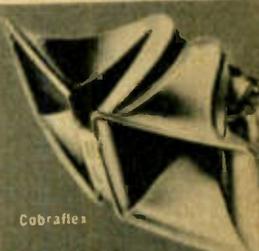
UXT-5



4401



H 600



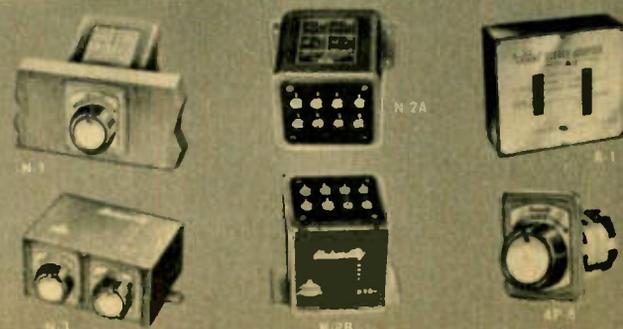
Cobraflex



T-50

T 30

# ADJUSTABLE NETWORKS



N 2A

N 2B

# CUL-KITS

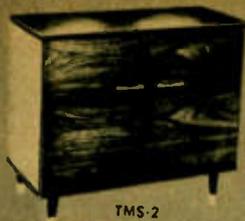


CUL-10 KIT

CUL-11 KIT



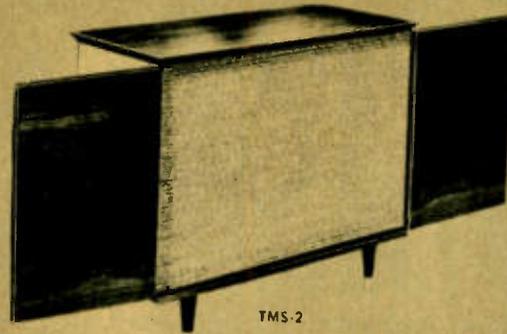
# SYSTEMS AND ENCLOSURES



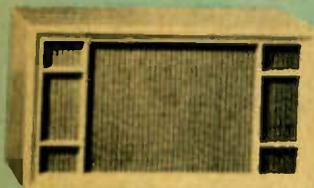
TMS-2



'Early American' TMS-2



TMS-2



S-105



RRL-12



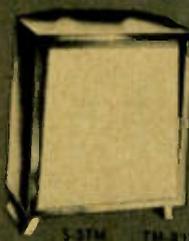
RRL-8



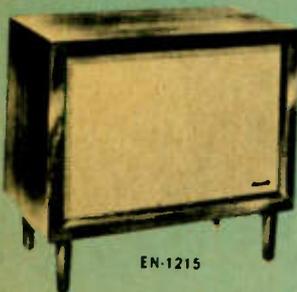
S-55



EN-12



S-3TM TM-812



EN-1215



S-80

## TMS-2 'TRIMENSIONAL' STEREO SYSTEM

The TMS-2 is designed to utilize the acoustical properties of the surrounding walls of the listening room. Features the C-12 HC woofer (exclusive dual voice coil). Specially designed separate mid-range and tweeter units for each channel project sound from the sides of the cabinet. By adjusting the deflector doors, the amount of stereo spread can be increased or decreased. "Presence" and "Brilliance" controls are provided. Size: 30" wide, 25" high, 12 1/2" deep. Shpg. wt., 92 lbs.

GB-100WX Mahogany	25.28	Down	Net 252.84
GB-101WX Walnut	25.77	Down	Net 257.74
GB-102WX Blonde	25.77	Down	Net 257.74

'Early American' TMS-2. Same as above, but hand-crafted in rock maple with a fine furniture fruitwood finish. GB-103WX ..... 27.54 Down ..... Net 275.35

## ULTRA-COMPACT HIGH COMPLIANCE SYSTEMS IN FAMED RRL ENCLOSURES

Model S-105 12" Ultra Linear Response System Achieves outstanding performance from 30 cps to inaudibility. Separate bass and brilliance controls. Consists of one C-12HC woofer, UL/HC tweeter and HC-2 network. 8-16 ohms. Size: 25 x 14 x 14 1/2". Shpg. wt., 51 lbs.

FINISH	HIGH BOY	LOW BOY	NET
Mahogany	GB-94WX	GB-97WX	150.92
Blonde	GB-95WX	GB-98WX	154.84
Walnut	GB-96WX	GB-99WX	154.84

MODEL RRL-12 12" 3-SPEAKER RRL SYSTEM Offers really big, full-range performance. The 12" High Compliance Woofer extends response below 35 cps. The University Sphericon Super Tweeter provides smooth response to inaudibility. The 3 1/2" direct radiator speaker provides mid-range response. Power rating: 40 watts. 8-16 ohms. Size: 25 x 15 1/2 x 12 1/2". Complete with variable brilliance control. Finished on 4 sides. Shpg. wt., 38 1/2 lbs.

GB-113WX Mahogany	11.76	Down	Net 117.35
GB-114WX Walnut	12.15	Down	Net 121.47
GB-115WX Lined Oak	12.15	Down	Net 121.47
GB-116WX Oiled Walnut	12.34	Down	Net 123.43
GB-117WX Unfinished	11.27	Down	Net 112.65

Model RRL-8 8" 3-Speaker RRL System The all new RRL-8 speaker system is a superb quality unit of amazing compactness and moderate price. Ideal for stereo. Components consist of 1-8" High Compliance woofer and 2-3 1/2" direct radiator tweeters. Power rating: 30 watts. 8-16 ohms. Complete with variable brilliance control. Size: 22 1/4 x 12 x 10-5/16". Finished on 4 sides. Shpg. wt., 28 lbs.

GB-108WX Mahogany	9.75	Down	Net 97.51
GB-109WX Walnut	10.05	Down	Net 100.45
GB-110WX Lined Oak	10.05	Down	Net 100.45
GB-111WX Oiled Walnut	10.34	Down	Net 103.39
GB-112WX Unfinished	9.36	Down	Net 93.59

Model S-55 "Senior" 12" 3-Speaker System Space-saving, self-contained horn-loaded highboy. Consists of one C-12SW, one H-600/T-30 mid-range, and one UXT-5 tweeter, and N-3 network. 8-16 ohms. Size: 30 x 21 1/2 x 15 1/2". Shpg. wt., 72 lbs.

GB-127WX Mahogany	21.07	Down	Net 210.70
GB-128WX Blond	21.56	Down	Net 215.60
GB-129WX Walnut	21.56	Down	Net 215.60

Model EN-12 Enclosure only. For any University 12" speaker or multi-speaker system. Size: 30 x 21 x 15 1/2". Shpg. wt., 60 lbs.

GB-130WX Mahogany	7.45	Down	Net 74.48
GB-131WX Blond	7.79	Down	Net 77.91
GB-132WX Walnut	7.79	Down	Net 77.91
GB-133WX Unfinished	6.42	Down	Net 64.19

Model S-3TM "Tiny Mite" 8" system Modestly priced diminutive combination of exceptional high fidelity performance. Consists of one 308 8" speaker in TM-812 enclosure. Size: 21 1/4 x 15 1/2 x 12 1/2". 8-16 ohms. Shpg. wt., 32 lbs.

GB-134WX Mahogany	8.55	Down	Net 85.51
GB-135WX Blond	8.85	Down	Net 88.45
GB-136WX Walnut	8.85	Down	Net 88.45

Model TM-812 Enclosure only. May be used with any 8" or 12" wide-range speaker. Size: 21 1/4 x 15 1/2 x 12 1/2". Shpg. wt., 26 lbs.

GB-137WX Mahogany	5.00	Down	Net 42.63
GB-138WX Blond	5.00	Down	Net 45.57
GB-139WX Walnut	5.00	Down	Net 45.57
GB-140WX Unfinished	5.00	Down	Net 37.00

Model S-80 2-Way High Efficiency System The all new S-80 2-way, high efficiency speaker system is modestly priced, compact, and has excellent wide-range response. Components consist of 1-8" C-8W woofer, and 1-3 1/2" direct radiator tweeter. Impedance: 8-16 ohms. Size: 21 1/2 x 11 1/2 x 9 1/2". Finished on 4 sides. Shpg. wt., 17 lbs.

GB-104WX Mahogany	5.88	Down	Net 58.75
GB-105WX Walnut	5.88	Down	Net 58.75
GB-106WX Fruitwood	5.88	Down	Net 58.75
GB-107WX Unfinished	5.58	Down	Net 55.81

Model EN-1215 "Debonaire" Enclosure Smallest low-boy that can take 12" or 15" speakers, or multi-speaker system. Employs phase inversion principle to augment low frequency response. Size: 27 1/4 x 25 1/2 x 16". Shpg. wt., 56 lbs.

GB-141WX Mahogany	6.17	Down	Net 61.74
GB-142WX Blond	6.76	Down	Net 67.62
GB-143WX Walnut	6.76	Down	Net 67.62



Double horn-loaded

# STEREO ADD-ON SPEAKERS

## "ADD-ON" STEREO SPEAKERS

The University Stereoflex and Model SLC double horn-loaded "add-on" speakers permit the user to achieve full high fidelity stereophonic reproduction with the greatest flexibility and economy of space. Each has been designed to match the tonal quality of even the most ambitious full-range system.

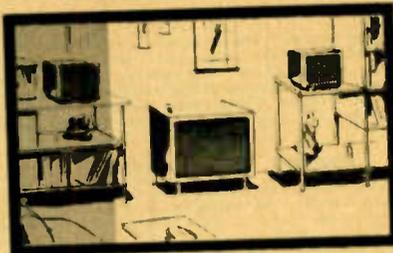
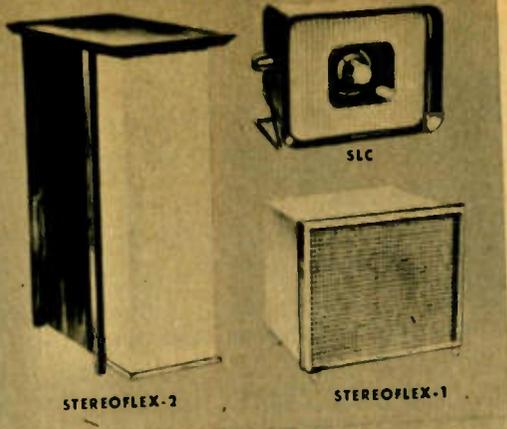
### How to use University "Add-On" Speakers:

With Models S-105 and S-33, simply connect directly to the rear terminal board of the main system. (Also with any previous University system denoted by suffix "S".) Other dual voice coil woofer systems, factory or home-built, require the inexpensive SK-1 Stereo Preparation kit. Systems with conventional (single voice coil) woofers require network Model A-1.

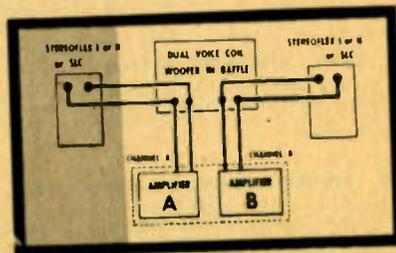
**STEREOFLEX-1.** A 6" low frequency driver faces the rear of the enclosure, which forms a balanced "compression" front loaded folded horn. A separately driven horn loaded tweeter faces forward with crossover at 2000 cps. Response from 150-15,000 cps. Housed in a handsome wooden cabinet with fine woven grille cloth. Occupies less than one cubic foot. 8 ohms. Shpg. wt., 16 1/2 lbs.  
 GB-121WX Mahogany ..... 5.34 Down ..... Net 33.41  
 GB-122WX Walnut ..... 5.54 Down ..... Net 33.37  
 GB-123WX Blond ..... 5.54 Down ..... Net 33.37

**Model SLC**—Same acoustic design as Stereoflex-1 but with charcoal gray fiberglass housing, gold anodized grille and stand. Size: 11 1/2" x 12" x 10 1/2". Shpg. wt., 10 lbs.  
 GB-148WX ..... 5.00 Down ..... Net 42.63

**STEREOFLEX-2**—A slim, elegant unit designed for floor placement. Makes an excellent end table. Double horn loaded, with heavy duty compression driver and extended air column for mid-range from 150 cps. The wide range tweeter has a frequency response to beyond audible limits. Complete with a "brilliance" control. 8 ohms. Shpg. wt., 40 lbs.  
 GB-124WX Mahogany ..... 10.78 Down ..... Net 107.80  
 GB-125WX Walnut ..... 11.07 Down ..... Net 110.74  
 GB-126WX Blond ..... 11.07 Down ..... Net 110.74



Above are two approaches to stereo speaker systems, each using a dual voice coil woofer. The unshaded area shows how one Stereoflex-1 would be combined with a full-range monophonic system. The entire picture shows a pair of Stereoflex-1's flanking the woofer installed by itself in its enclosure.



## MODEL S-95 15" UNFINISHED "CLASSIC" 3-SPEAKER CONSOLE SYSTEM

An impressive system that's ideal for deluxe home installations, theatres, or other professional use. Versatile self-contained and front-loaded horn. Use either horizontally or vertically. Consists of one C-15W woofer, one Cobraflex/T-30 mid-range and one MF-206 tweeter. With N-3 network. Size: 40 1/2" x 31 1/2" x 23 1/2". Shpg. wt., 170 lbs.  
 GB-144WX ..... 33.32 Down ..... Net 333.20

## Model EN-CB Unfinished "Classic" Enclosure

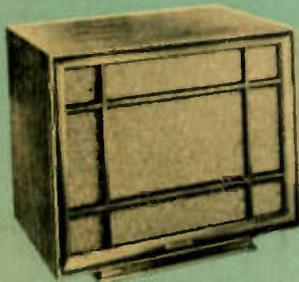
Includes all hardware for mounting speakers. Model S-95 components recommended. Size: 40 1/2" x 31 1/2" x 23 1/2". Shpg. wt., 135 lbs.  
 GB-145WX ..... 11.76 Down ..... Net 117.60

## KWIKITS MODELS KEN-15 AND KEN-12

Self-contained folded horns for placement anywhere in room. Includes everything needed to assemble quickly. Only screwdriver required. Heavy 3/4" first grade lumber with genuine veneers.

Design similar to EN-12.  
 Ken-15. For any 15" or 12" wide-range speaker, or 2- or 3-speaker system. 12" board sold separately. Size: 35 1/2" x 29" x 18 1/2". Shpg. wt., 68 lbs.  
 GB-146WX ..... 5.83 Down ..... Net 58.31

Adapter Board for 12" speaker. Shpg. wt., 3 lbs.  
 Ken-12. For any 12" wide-range speaker, or 2- or 3-speaker system with M-600/T-30 mid-range. Size: 29 1/2" x 21 1/2" x 15 1/2". Shpg. wt., 45 lbs.  
 GB-147WX ..... 5.00 Down ..... Net 43.86



MODEL S-95



KEN-15 AND KEN-12

## Exclusive Stereo Feature THE DUAL VOICE COIL



These four terminals shown above lead to an exclusive University feature... THE DUAL VOICE COIL... two electrically separate voice coils on a single woofer that provide perfect bass from both stereo channels, without the need for expensive or complicated stereo adapter networks or "control" filters.

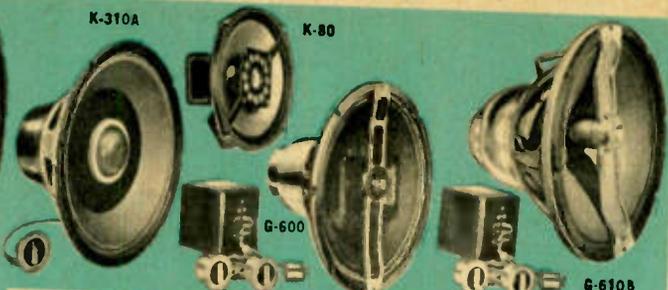
This means the tonal magnificence of University stereo adapted speaker systems can be perfectly matched for stereo with sole addition of an inexpensive, compact stereo "add-on" speaker, or other suitable limited range speaker. This is possible because stereo effect is created largely by frequencies above the nominal bass range.

## HOW UNIVERSITY DUAL VOICE COIL WOOFERS WORK

Voice Coil A of the woofer receives the full bass from one stereo channel. Voice Coil B receives the full bass from the other channel. Then... exactly as done in two woofer stereo systems... both bass signals are blended automatically. Result: authentic, balanced, full-bodied bass that will give you the enduring satisfaction of superb stereophonic sound.

Note: For outdoor High Fidelity Systems, see University's Public Address page.

# Jensen High Fidelity Loudspeakers and Components



**NEW P8-QF FLEXAIR WOOFER**

Newest FLEXAIR woofer with high compliance and long, linear travel . . . a full 1/4". Provides smooth, low-distortion bass down to 36 cycles in a "bookshelf" size enclosure. Use with P35-VAH or RP-103 tweeter. Cross-over, 2000 cycles. Power rating, 25 watts average program. Magnet wt., 1/2 lb. Alnico 5, 16 ohms. Shpg. Wt., 5 1/2 lbs. GS-296 ..... 5.00 Down ..... Net 22.50



**NEW DXF-80 8" 2-ELEMENT HIGH FIDELITY SPEAKER**

A brand new hi-fi speaker with extremely long travel and linear high-compliance made possible by Jensen's FLEXAIR principle. Excellent for stereo or mono system. Clean bass to below 36 cycles in compact "bookshelf" size enclosures. Auxiliary radiator extends response to 14,000 cycles. 3/4 lb. of high efficiency Alnico 5 magnet. Power rating: 20 watts program material. 16 ohms. Shpg. Wt., 5 1/2 lbs. GS-297 ..... 5.00 Down ..... Net 24.50

**YOU'RE AHEAD WITH JENSEN AUTHENTIC HIGH FIDELITY!**

The new Jensen line of unitary loudspeakers offers for the first time a complete range of types and sizes to meet every performance and budget requirement. Many have remarkable cost advantages over previously available similar speakers; in each case, skilful design and advanced manufacturing methods have resulted in more performance . . . authentic high fidelity by Jensen . . . at lower cost.

**TRIAxIAL AND TRIAX 3-WAY SYSTEMS**

The famous Jensen G-610A and new G-600 are genuine 3-way systems, the only speakers with three electrically and acoustically independent L-F, M-F and H-F channels for utmost balance, efficiency, smoothness and range extension to upper hearing limit. M-F and H-F sections both employ compression-driver horn-loaded units for low distortion and wide angle dispersion of highs. Separate dual crossover network. M-F and H-F Balance Controls, fully wired. The ultimate in performance in a unitary speaker.

**COAXIAL 2-WAY SYSTEMS**

Jensen "H" and "K" Series Coaxials are genuine 2-way with electrically and acoustically independent "woofer" and "tweeter". "K" Series uses direct radiator cone type "tweeters" for a maximum of value at low cost; they have integral electrical crossovers. KTX-2 Step-Up Kit will later provide compression-driver highs above 2000 cps. "H" Series is precision-driver "tweeter" for maximum 2-way system performance and low crossover frequency (2000 cps). Full L-C crossover network. KTX-1 Step-Up Kit may be added later for range extension to upper hearing limit.

**COAXIAL 3-ELEMENT SYSTEMS**

"CX" Series speakers are a combination of a compression driver supertweeter and a 2-element direct-radiator woofer-mid-channel. Electrical crossover is at 4000 cycles. Small diffusion radiator disperses and balances radiation from 2000 to 4000 cps. Three terminals for easy wiring of KTX-3 Step-Up Kit for later conversion to full 3-way system with compression driver mid-channel. A "best buy" for performance intermediate between DUAX and "H" Series coaxials.

**DUAX 2-ELEMENT SYSTEMS**

"DX" Series speakers have two carefully coordinated cones driven by a single voice coil. Both operate together up to a "mechanical crossover" at 4000 cps; the small H-F radiator is effective above 4000 cps. May be expanded to 2-way system with compression driver "tweeter" with KTX-2 Step-Up Kit.

**UNAX SINGLE ELEMENT LOUDSPEAKERS**

A new high in single-cone single voice coil speakers with performance exceeding that of some speakers costing far more. Cone is specially designed so central sector radiates smoothly and efficiently at high frequencies. Viscous edge damping. KTX-2 Step-Up Kit may be added to make 2-way system.



**KTX-1 SUPER TWEETER KIT**

Consists of RP-302 supertweeter, A-402 network, and ST-901 control. Power rating, 35 watts. Impedance 16 ohms. Shpg. Wt., 5 lbs. GS-293 ..... 5.00 Down ..... Net 43.75

**KTX-2 TWEETER KIT**

Consists of RP-103A tweeter, A-204 network, and ST-901 control. Power rating, 30 watts. Impedance, 8-16 ohms. Shpg. Wt., 7 lbs. GS-294 ..... 5.00 Down ..... Net 32.50

**KTX-3 MIDRANGE KIT**

Consists of RP-201 midrange unit, A-61 network, and ST-917 control. Power rating, 35 watts. Impedance, 16 ohms. Shpg. Wt., 17 lbs. GS-295 ..... 6.25 Down ..... Net 62.50

**JENSEN A-1060 MANUAL**

A guide to kit selection and enclosure construction. Describes Bass-Ultraflex, backloading and Folded-Horn enclosures in complete detail, with exploded views and simplified wiring instructions. 36 pages. Shpg. wt. 12 oz. BK-20 ..... Net .50

Stock No.	Model & Description	Size	Frequency Range	Imped. Ohms	Power Rating	Magnet Weight	"Step-Up" Kit	Shipping Weight	Net
GS-273WX	G610 Triax 3 Way	16"	25-UHLL	16	40 w.	6 1/2 lbs.	.....	46 lbs.	252.75
GS-276WX	G600 Triax 3 Way	18"	30-UHLL	16	35 w.	3 1/2 lbs.	.....	36 1/2 lbs.	134.50
GS-277	M222 Coax 2 Way	12"	30-15,000 cps	16	25 w.	1 1/2 lbs.	KTX-1	13 lbs.	62.50
GS-278	K-310 Coax 2 Way	16"	40-14,000 cps	16	16 w.	1/2 lb.	KTX-2	12 lbs.	36.75
GS-279	K-210 Coax 2 Way	12"	45-14,000 cps	8	14 w.	1/2 lb.	KTX-2	7 lbs.	27.50
GS-280	K-80 Coax 2 Way	8"	50-14,000 cps	16	12 w.	1/2 lb.	KTX-2	7 lbs.	27.50
GS-281	CX-255 Coax 3-Element	15"	30-15,000 cps	16	27 w.	1 1/2 lbs.	KTX-3	13 1/2 lbs.	67.50
GS-282	CX-150 Coax 3-Element	15"	30-15,000 cps	16	25 w.	1 lb.	KTX-3	12 1/2 lbs.	66.50
GS-283	CX-120 Coax 3-Element	12"	30-15,000 cps	16	22 w.	1 lb.	KTX-3	10 1/2 lbs.	61.75
GS-284	CX-120 Coax 3-Element	12"	30-15,000 cps	16	20 w.	1 lb.	KTX-3	9 1/2 lbs.	52.50
GS-285	DX-150 Duax	15"	40-13,000 cps	16	25 w.	1 lb.	KTX-2	11 lbs.	35.50
GS-286	DX-120 Duax	12"	40-13,000 cps	16	20 w.	1 lb.	KTX-2	7 1/2 lbs.	27.50
GS-287	UX-120 Unax	12"	40-12,000 cps	8	14 w.	1/2 lb.	KTX-2	5 1/2 lbs.	17.95
GS-288	UX-80 Unax	8"	50-12,000 cps	8	12 w.	1/2 lb.	KTX-2	4 lbs.	14.50

†High energy DP-Alnico-5. ‡Response to Upper Hearing Limit. Note: Low frequency response depends on enclosure.

**NEW 2-WAY SYSTEM COMPONENTS**

Ideal for inexpensive 2-way systems. A choice of compression-driver RP-103A or direct radiator P35-VAH tweeters is available, either of which may be used with P12-RL (12") or P8-RL (8") woofers for a matched system. For crossover use 2 mfd. capacitor or A-204 network.



**P12-RL WOOFER**  
Power 20 watts. 40-2500 cps. Imp., 16 ohms. Magnet 1/2 lb. DP-Alnico-5. Size: 12 1/2" OD; 9 1/2" D; Cutout 10 1/2" dia. Shpg. Wt., 6 lbs. GS-289 ..... \$12.90



**P8-RL WOOFER**  
Power 20 watts. 50-3000 cps. Imp., 8 ohms. Magnet 1/4 lb. DP-Alnico-5. Size: 8 1/2" OD; 4" D; Cutout 6 1/2" diameter. Shpg. Wt., 3 lbs. GS-290 ..... \$8.75



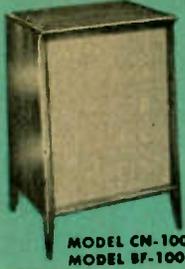
**RP-103A TWEETER**  
Compression horn type. Power 30 watts. 2000-15000 cps. Imp., 16 ohms. Size: 3" H; 7 1/2" W; 6 9/16" D. Cutout 2" by 6". Shpg. Wt., 3 1/2 lbs. GS-291 ..... \$16.50



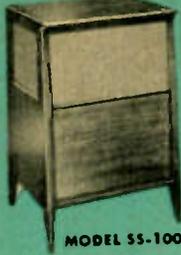
**P35-VAH TWEETER**  
Direct radiator type. Power 15 watts. 2000-14000 cps. Imp. 16 ohms. Size: 3 1/4" H & W; 2 3/4" D. Cutout 3 1/2" dia. Shipping Wt., 1/2 lb. GS-292 ..... \$4.00

LAFAYETTE IS AMERICA'S LEADING HIGH-FIDELITY SUPPLIER

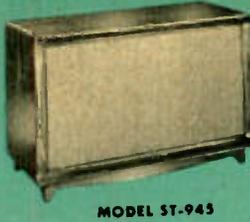
# LATEST Jensen HI-FI SPEAKER SYSTEMS



MODEL CN-100  
MODEL BF-100



MODEL SS-100



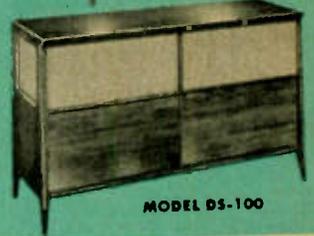
MODEL ST-945



MODEL TR-10  
ON  
ST-944 STAND



MODEL  
TR-10



MODEL DS-100

## JENSEN STEREO DIRECTOR SYSTEMS

**STEREO DIRECTOR AND HOW IT WORKS**—To overcome problems of placement of speakers Jensen has developed a method whereby the directive elements of the speaker system (high frequency speakers) are mounted on a separate Chassis (within the enclosure) that may be rotated. In this way, the speaker enclosures may be placed in a position most convenient for decor, while the desired stereo effect may be obtained by directing that portion of the spectrum which creates the quality of stereo. This same control over the sound may also be used in manual applications.

### COMPLETE REPRODUCERS

**SS-100 SINGLE 3-WAY SYSTEM WITH STEREO DIRECTOR**—Serves as one section of a stereo system or as a monaural system to which additional unit may be added later. Two SS-100's are ideal for stereo, as its flexibility plus makes this combination a natural. This elegant model includes Jensen Boss-Superflex enclosure, as illustrated, DC-3 Stereo Director Chassis and KT-33 3-Way Speaker System Kit. A rear opening gives access to the Stereo Director. Response is smooth from 20-15,000 cps. Impedance is 16 ohms, power rating 30 watts. Dimensions: 32"x21"x18 1/4". Shpg. wt., 56 lbs.  
Specify finish—Walnut, Tawny Ash, Mahogany.  
GB-200WX ..... 18.00 Down ..... Net 179.95

**DS-100 DUAL 3-WAY SYSTEM WITH STEREO DIRECTOR**—The DS-100 dual stereo unit in the popular low-bay, is the answer to the buyer's demand for a complete stereo reproducer in one cabinet. This handsomely styled loudspeaker system provides two completely independent 3-way speaker systems (total of 6 speakers) which can be used together for a superior spread source of monophonic sound, as well as for stereo. Open rear shelf gives access to the Stereo Director. With the new Flexair woofers this unit gives superb response from 20 to 15,000 cycles. Crossover frequencies are 600 and 4000 cycles. High sensitivity allows adequate drive with a 10 watt amplifier. Impedance 16 ohms each section, power rating 30 watts each. Dimensions: 32"H x 52"W x 18 1/4"D. Shpg. wt., 125 lbs.  
Specify finish—Walnut, Tawny Ash, Mahogany.  
GB-201WX ..... 36.95 Down ..... Net 369.50

**CN-100 3-WAY SYSTEM**—Jensen offers this small scaled system with "Flair Line" styling that goes well with any decor. The system consists of the BF-100 Boss-Superflex enclosure, 12" Flexair super-low-resonance woofer, special 8" mid-channel and RP-103 high frequency speakers for clean response from 20-15,000 cps. Crossover frequencies are 600 and 4000 cps. Impedance is 16 ohms; power rating 30 watts. High sensitivity assures adequate drive from 10 watt amplifier. Dimensions: 32"H x 21"W x 18 1/4"D. Shipping wt., 65 lbs.  
Specify finish—Walnut, Tawny Ash, Mahogany.  
GB-202WX ..... 14.95 Down ..... Net 149.50

**TR-10 TRI-ETTE 3-WAY SPEAKER SYSTEM**—A diminutive speaker system that is definitely hi-fi in quality and can serve as the main unit in the home music system or as an add-on unit for stereo. It may be used as a floor piece standing vertically, on a table base (ST-945) or on a floor stand (ST-944), both of which are available. Heart of the Tri-ette is the new Flexair 12" woofer with its super low free-air resonance of 20 cycles and high damping. The cabinet incorporates the Boss superflex construction and Fibreglass lining, giving a range of 25-15,000 cps. with lowest possible distortion. Other speakers are the special 8" mid-channel and RP-103A Tweeter which operate at crossovers of 600 and 4,000 cps. Impedance is 16 ohms; power rating of 30 watts; can be driven by 10 clean watts of power. Dimensions: 13 3/4"H x 25"W x 11 1/4"D. Shipping wt., 45 lbs.  
Specify finish—Walnut, Tawny Ash, Mahogany.  
GB-203WX ..... 11.95 Down ..... Net 119.50

TR-10 system in unfinished plain rectangular cabinet.  
GB-204WX ..... 8.95 Down ..... Net 89.50  
ST-944 STAND—To mount TR-10 TRI-ETTE horizontally for floor use. Specify finish—Walnut, tawny ash, mahogany. Shpg. Wt., 8 lbs.  
GB-205 ..... Net 12.95  
ST-945 BASE—For table or shelf use with TR-10 TRI-ETTE. Specify finish—Walnut, tawny ash, mahogany. Shpg. Wt., 5 lbs.  
GB-206 ..... Net 5.95

## SPEAKER CABINETS

**BF-200 CABINET for 15" SYSTEM** (not illustrated)—Boss Superflex cabinet only. Ideal for any 15" speaker such as G-1610A, G-600, etc. or speaker system kits KT-32, KT-34, KT-44. Maximum boss response. Dimensions: 30 1/2"H x 34 1/2"W x 18 1/4"D. Shipping wt., 77 lbs.  
Specify finish—Walnut, Tawny Ash, Mahogany.  
GB-207WX ..... 12.98 Down ..... Net 129.75

**BF-100 CABINET for 12" SYSTEMS**—Incorporates new acoustical design with tube—loaded port for unusual extension of low frequency range. Cutouts provided on baffle for all probable speaker arrangements. Dimensions: 32"H x 21"W x 18 1/4"D. Shipping wt., 41 lbs.  
Specify finish—Walnut, Tawny Ash, Mahogany.  
GB-208WX ..... 6.95 Down ..... Net 69.50

## SPEAKER SYSTEM KITS

**KT-33 3 WAY SYSTEM KIT**—Includes basic speaker components in "knocked-down" form (shown assembled in illustration, on DC-3 Stereo Director Chassis which is not included and which must be ordered separately); Flexair 12" woofer, special 8" mid-frequency unit, RP-103A compression high-frequency unit control, crossover network, wiring cable, full instructions for building enclosure and installing speaker system. Impedance 16 ohms; power rating 30 watts. Shipping wt., 22 lbs.

GS-298WX ..... 8.00 Down ..... Net 80.00  
**KT-233 MATCHED STEREO TWIN KIT**—matched pair of KT-33 speaker kits and 2 DC-3 Stereo Director Chassis plus mounting hardware, to give complete matched stereophonic systems (2 channels). Shipping wt., 53 lbs.  
GS-299WX ..... 16.00 Down ..... Net 160.00

**DC-3 STEREO DIRECTOR CHASSIS**—Chassis only. (shown with equipment, in illustration). Mounts mid-frequency and high-frequency speakers of KT-33 to make a Stereo Director Assembly, as illustrated. Includes panel, base, assembly hardware and complete instructions. Shpg. wt., 4 lbs.  
GS-300 ..... Net 9.50

**KT-44 4-WAY SYSTEM KIT**—Includes basic speaker components in "knocked-down" form (shown assembled in illustration, on DC-4 Stereo Director Chassis which is not included and which must be ordered separately); 15 in. Flex-air woofer, 8 in. upper low frequency speaker, and new super tweeter, controls, network divider, wiring cables and full instructions for building enclosure and installing speaker system. Response is from 16 cps to beyond audibility. Crossover frequencies are at 200, 400, and 4000 cps. Impedance is 16 ohms, power 40 watts. Shpg. wt., 41 lbs.  
GS-301WX ..... 19.25 Down ..... Net 192.50

**KT-244 MATCHED STEREO TWIN KIT**—Matched pair of KT-44 kits plus two DC-4 Stereo Director Chassis to give complete matched stereophonic system (2 channels) plus mounting hardware. Shipping wt., 99 lbs.  
GS-302WX ..... 38.50 Down ..... Net 385.00

**DC-4 STEREO DIRECTOR CHASSIS**—Chassis only. (shown with equipment, in illustration). Mounts upper low-frequency mid-frequency and high-frequency speakers, networks and controls of KT-44 to make a Stereo Director Assembly, as illustrated. Includes panel, base, assembly hardware and instructions for mounting equipment. Shpg. wt., 10 lbs.  
GS-303 ..... Net 15.95

**KT-34 TRI-PLEX II KIT** (not illustrated)—Consists of 15" Flexair woofer, new compression mid-frequency driver, new phase correcting super tweeter. Response from 16 cps to upper limits complete with 600 and 4,000 cps networks, wiring cables and instructions for building enclosure. Impedance 16 ohms. Power rating 40 watts. Shipping wt., 38 lbs.  
GS-304WX ..... 17.95 Down ..... Net 179.50

**KT-24 2-WAY SYSTEM KIT** (not illustrated) consists of 12" Flexair woofer and the compression-driver high-frequency unit. Crossover is at 2,000 cps. Impedance is 16 ohms, power rating 30 watts. Recommended for use with BF-100 Boss Superflex type enclosure. Complete with network, wiring material and instructions for building enclosure. Shipping wt., 18 lbs.  
GS-305WX ..... 7.25 Down ..... Net 72.50



KT-33 SYSTEM

Mounted on DC3  
Stereo Director Chassis



KT-44 SYSTEM

Mounted on DC-4  
Stereo Director Chassis



UNITARY  
LOUD  
SPEAKER  
SYSTEM

MODEL H-223F

**H-223F COAXIAL 2-WAY SPEAKER**—Here are combined for the first time the convenience, utility, and quality of the true 2-way speaker plus the exceptional low-frequency performance of the Flexair woofer. Response 20-15,000 cps. L-C crossover at 2000 cps to new concentrically mounted reflexed compression driver tweeter. Complete with hi-fi balance control. Impedance 16 ohms. Power rating 30 watts. Shipping wt., 13 lbs.  
GS-306 ..... 7.25 Down ..... Net 72.50

HI-FI COMPONENTS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# FAMOUS JAMES B. LANSING SPEAKERS



# JAMES B. LANSING HI-FI SPEAKERS

## NEW! LINEAR EFFICIENCY SERIES

LE-10



LE-8



LE-30



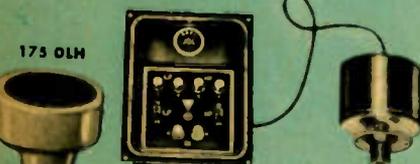
LX-3



O-130

O-131

O-123



N2600

D-208

O-216



N7000



O75

**LE8 8" EXTENDED RANGE SPEAKER**  
A remarkable speaker specifically designed for small enclosures or infinite baffle. Can be mounted from either front or rear. Titanium high frequency radiator dome provides superior treble reproduction. Linear Efficiency heightens mid-range capabilities. Exclusive Lans-a-lay edge termination results in transparent clarity in the "presence" region. The LE8 delivers full bass by using a cone having extremely long linear travel. Voice coil diameter 2". 16 ohms impedance. Power capacity 20 watts. Free air cone resonance: 37 cps. Rigid cast aluminum frame. The precisely assembled magnetic circuit weighs 6 1/2 lbs. Depth 4 1/4". Shpg. wt., 11 lbs.  
**GS-225** ..... 5.70 Down ..... Net **57.00**

**LE30 HIGH FREQUENCY DRIVER**  
Reproduces the entire upper half of the audio spectrum in conjunction with LX3 dividing network. This totally new concept of complementary transducer/network achieves amazing smoothness and freedom from distortion. Designed specifically to match JBL Linear Efficiency bass drivers. The LE30 is completely sealed and self-contained. The edge is terminated by a Lans-a-lay surround. The 3-inch aluminum diaphragm, hydraulically drawn to a complex bi-spherical surface, provides smooth response from 1000 cps to beyond audibility with verbatim accuracy. 16 ohms impedance. 1 1/4" voice coil diameter. Power capacity: 30 watts. Diameter, 5-1/16"; depth 2-5/16". Shpg. wt., 6 lbs.  
**GS-227** ..... 5.28 Down ..... Net **52.80**

**LE10 10" LOW FREQUENCY DRIVER**  
A unique new Linear Efficiency low frequency driver for use in small sealed enclosure. New equipoise suspension with Lans-a-lay edge termination allows the cone to move extreme distances with perfect linearity. Smooth response from 16 to 2000 cps. An entirely new frame design enables the LE10 to be mounted from either front or rear. The LE10 gives outstanding reproduction in sealed enclosures of 2 cubic feet or more. Designed for electrical crossover at 1500 cps or lower. Power capacity: 30 watts. Free air cone resonance: 15 cps. Voice coil diameter: 3". 16 ohms impedance. The magnetic circuit weighs 6 lbs. Depth, 4 1/4". Shpg. wt., 15 lbs.  
**GS-226** ..... 5.28 Down ..... Net **52.80**

### LX3 DIVIDING NETWORK

The electrical components of the LX3 are designed as an integral part of a complex electro-acoustical circuit with the LE30 high frequency driver. It is the first dividing network to make use of this advanced functional concept and must be used only with the LE30 driver. The relative intensity of treble frequencies is easily adjusted by a panel control. Crossover frequency with LE30 at 1000 cps. Input and output impedance: 16 ohms. Provides 12 db per octave attenuation with LE30. The LE30/LX3 combination is capable of 30 watts continuous program material. Size: 3 1/4" x 3 1/4" x 2 1/4". Shpg. wt., 3 lbs.  
**GS-228** ..... Net **17.40**

## EXTENDED RANGE SPEAKERS

**D130 15" SPEAKER**  
A basic speaker which provides distinct bass and smooth extended treble when used alone. May also be used as a low frequency unit in 2- or 3-way divided network system. Its large, 4" voice coil of edge wound aluminum directly attached to a 4" dural center dome accounts for its relatively low voice coil excursion, high efficiency, low distortion. The 3 lb. Alnico V magnet is contained in a magnetic structure which yields practically no stray field. Specifications: Response -  $\pm$  5 db 30 to 17,000 cps; Capacity - 25 watts; Impedance - 16 ohms; cone resonance - 37 cps; Depth - 5 1/2". Shpg. wt., 23 lbs.  
**GS-229WX** ..... 8.40 Down ..... Net **84.00**

**D123 12" SPEAKER**  
An extended range speaker of radically new design. It is extremely shallow and compact so that it can be mounted between studs in standard 4" walls, having a depth of only 3 1/2" overall. Its 3" diam. voice coil of edge wound aluminum attached directly to 3" dural center dome maintains the 4 to 1 ratio of coil to cone which yields such good results. Similarly, the design of the cone is adapted to its shallowness-being curvilinear and utilizing damped, flexible edge compliance. Smooth extended highs are delivered by the rigid dural dome while the shallow form of the cone permits a good distribution of highs. The ridged, curvilinear cone reproduces lows as precisely defined bass notes. Cone Resonance - 40 cps; usable response - 30-15,000 cps; Capacity - 20 watts; Impedance - 16 ohms. Shpg. wt., 12 lbs.  
**GS-231** ..... 5.94 Down ..... Net **59.40**

**D131 12" SPEAKER**  
Incorporates essentially the same design, same high quality and painstaking construction as its larger 15" counterpart, making it one of the finest 12" speakers available. Can be used singly or in 2-way or 3-way systems for those who want D130 performance in smaller enclosures. Specifications: Response - 30 to 17,000 cps; Capacity - 20 watts; magnet construction - 3 lb. Alnico V PM in special design magnetic pot; Voice coil impedance - 16 ohms; Free cone Resonance - 37 cps; Voice coil construction - 4" coil attached to 4" dural center dome; Depth - 5". Shpg. wt., 21 lbs.  
**GS-230WX** ..... 7.80 Down ..... Net **78.00**

**D208 8" SPEAKER**  
A moderately priced unit with power input of 12 watts. 15 oz. Alnico 5 magnet, 2" diam. edge-wound aluminum ribbon voice coil, dural center dome vented to eliminate non-linear compression effects. 8 ohms. Resonance 40-13,000 cps  $\pm$  5 db. Free air cone resonance 55 cps. Diam. 8 1/4" Depth 2 1/4". Shpg. wt., 6 lbs.  
**GS-232** ..... 5.00 Down ..... Net **29.70**

**D216 8" SPEAKER**  
Has same characteristics as D208 except 16 ohm impedance of voice coil. Shpg. wt., 6 lbs.  
**GS-233** ..... 5.00 Down ..... Net **29.70**

## WOOFERS, TWEETERS, DRIVERS AND NETWORKS

**130A 15" WOOFER**  
A low frequency speaker of the same high-grade construction and quality as the wide-range type, but specially designed to be used in a JBL divided system crossing over at 1200 cps. The 130A reproduces all bass and mid-range frequencies falling below 1200 cps with remarkable fidelity. It is matched for use with the 175 DLH high frequency driver-horn-lens assembly in 2-way speaker system. Response:  $\pm$  5 db, 30 to 1200 cps. Voice coil diam. 4". Capacity 25 watts. Free cone resonance 36 cps. Magnet wt., 3 lbs. Voice coil impedance 16 ohms. Shipping wt., 23 lbs. (Not Illustrated)  
**GS-234WX** ..... 8.10 Down ..... Net **81.00**

**175 DLH HIGH FREQUENCY DRIVER-HORN-LENS ASSEMBLY**  
This is one of the fine high frequency drivers, preferred for their exceptional handling of transients and their unequalled presence. This unit provides highly faithful reproduction above 1200 cps, with unequalled transient response incorporated. It distributes sound evenly over a solid angle of 90°, assuring equal intensity to all listening points. It is recommended for 2-way use with 130 SERIES SPEAKERS and N1200 Dividing Network. Power handling capacity is 25 watts; Driver impedance is 16 ohms; Horn throat diameter, 1"; Mounting hole diam. 5 1/2"; overall length 11 1/2". shipping wt., 12 lbs.  
**GS-237.WX** ..... 12.45 Down ..... Net **124.50**

**O75 HIGH-FREQUENCY RADIATOR**  
New annular ring design. Highly efficient and without resonances from 2500 cps to beyond audibility. Recommended crossover 2500 cps. Voice coil diam. 1 1/4". Baffle hole diam. 3-3/16". Overall length 3 1/4". Input 20 watts above 2500 cps. Impedance 16 ohms. Dispersion 90° solid angle. Shpg. wt., 6 lbs.  
**GS-235** ..... 5.94 Down ..... Net **59.40**

**N2600 CROSSOVER NETWORK**  
This network is designed for use with D130 line of speakers and D123, D208 for 2500 cycle crossover in any combinations such that the total impedance is either 16 ohms or 32 ohms. The unit comes with a M.F. level control that is continuously variable. Overall dimensions 4 1/4" x 6" x 3 1/2". Shipping wt., 3 1/4" lbs.  
**GS-238** ..... 5.00 Down ..... Net **24.60**

**N1200 DIVIDING NETWORK**  
Designed for use with 175-DLH driver-horn-lens assembly and 130A woofer. Crossover is 1200 cps. Has 3 position switch for attenuation control; attenuation 12 db/octave beyond crossover. Dimensions: 4 1/4" x 6" x 1 1/4". Shpg. wt., 9 lbs. (Not Illustrated)  
**GS-236** ..... 5.00 Down ..... Net **35.25**

**N7000 CHANNEL DIVIDING NETWORK**  
May be used to supply 7000 cps crossover point and dividing network in 2-way or 3-way speaker systems. Impedance is 16 ohms; HF level control is continuously variable. Dimensions: 3 1/4" x 3 1/4" x 2 1/4". Shpg. wt., 3 lbs.  
**GS-239** ..... 5.00 Down ..... Net **20.40**

ONLY 10% DOWN ON LAFAYETTE'S EASY PAYMENT PLAN - FOR DETAILS - SEE PAGE 302

# FAMOUS JAMES B. LANSING ENCLOSURES-SYSTEMS



C46 MINIGON WITH LOUVERE GRILLE



2 MINIGON WITH LOUVERE GRILLE



2 MINIGON WITH FABRIC GRILLE



C46 MINIGON WITH FABRIC GRILLE

## NEW MODEL C46/MINIGON STEREO PROJECTION SYSTEMS

D46LE8 C46 "Minigon" With LE-8 Installed. Brand new small-scale home stereo systems. The "Minigon" system gives outstanding reproduction. Delivers full bass with the new Linear Efficiency transducer, LE8. Features interchangeable grille frames, and provisions which make it possible to hang the cabinets on a wall. For stereo, a pair of the "Minigon" systems can be used in separate locations in the room or placed side by side to offer full-field stereo reproduction. Choice of finish: dark mahogany, korina, light walnut and oil walnut. Please specify finish. Size: 32" wide, 15 1/2" deep, 12 1/2" high. Shpg. Wt., 60 lbs.

GB-150WX. With louvered grille. 17.70 Down - Net 177.00  
 GB-151WX. With fabric grille. 17.70 Down - Net 177.00  
 D46S5 C46 "Minigon" With S5 System Installed. The S5 consists of the LE30 wide band high frequency driver, LX3 matching network, and LE10 Linear Efficiency low frequency driver. The S5 is engineered for use in small sealed enclosures such as the C46 "Minigon". Choice of finish: dark mahogany, korina, light walnut, oil walnut. Please specify finish. Size: 32" wide, 15 1/2" deep, 12 1/2" high. Shpg. Wt., 65 lbs.

GB-152WX. With louvered grille. 24.30 Down - Net 243.00  
 GB-153WX. With fabric grille. 24.30 Down - Net 243.00  
 C46 "Minigon" enclosure only, with louvered grille. Specify finish. 12.00 Down - Net 120.00  
 GB-154WX. C46 "Minigon" enclosure only with fabric grille. Specify finish. 12.00 Down - Net 120.00  
 GB-155WX. 12.00 Down - Net 120.00

## NEW MODEL C49 DALE SYSTEMS

D49LE8 C49 "Dale" with LE8 Installed. Small size low-boy speaker system designed to be used singly or as a pair for quality stereo reproduction. The delightful "Dale" bookshelf enclosure is engineered to house the LE8. Crisp low frequencies are generated in spite of the diminutive size of the enclosure. It is rigid and non-resonant. Attractive grille styling and decorative treatment. The complete system provides smooth response throughout the full audio spectrum. Choice of finish: dark mahogany, korina, light walnut, oil walnut. Please specify finish. Size: 23 1/2" wide, 11 1/2" deep, 12" high (with legs). Shpg. Wt., 36 lbs.  
 GB-156WX. 11.70 Down - Net 117.00  
 D49S5 C49 "Dale" With S5 System Installed. Includes the new Linear Efficiency components: LE30 wide band high frequency driver, LX3 matching network, and LE10 Linear Efficiency low frequency driver. These 3 components provide superior performance in the attractive C49 "Dale" enclosure. Choice of finish: dark mahogany, korina, light walnut, oil walnut. Please specify finish. Size: 23 1/2" wide, 11 1/2" deep, 12" high (with legs). Shpg. Wt., 41 lbs.  
 GB-157WX. 18.30 Down - Net 183.00  
 C49 "Dale" enclosure only. Specify finish. 6.00 Down - Net 60.00  
 GB-158WX. 6.00 Down - Net 60.00

## NEW MODEL C48/MADISON SYSTEMS

D48LE8 C48 "Madison" With LE8 Installed. Another new space-saving speaker system from the laboratory of JBL. The LE8 Linear Efficiency 8" speaker delivers exact reproduction of the entire audio spectrum. The attractive "Madison" enclosure is of beautiful Danish design. The graceful styling blends well with any decor. A multitude of different finishes are available. The enclosure can be used in either horizontal or vertical position. Bass reproduction from the LE8 mounted in the "Madison" is smooth, and without the "out of focus" quality of most small sealed speaker systems. LE8 delivers exact reproduction of the entire audio spectrum. Power handling capacity: 20 watts continuous program material. Choice of finish: dark mahogany, korina, light walnut, and oil walnut. Please specify finish. Size: 23 1/2" wide, 13 1/2" deep, 11 1/2" high. Shpg. Wt., 41 lbs.  
 GB-161WX. 11.70 Down - Net 117.00  
 D48S5 C48 "Madison" With S5 System Installed. Consists of the LE30 high frequency driver, LX3 matching network, and LE10 Linear Efficiency low frequency driver. Designed to meet the increasing demand for small-scale home stereo systems. Housed in the C48 "Dale" enclosure, the speakers offer outstanding performance. Choice of finish: dark mahogany, korina, light walnut, and oil walnut. Please specify finish. Size: 23 1/2" wide, 13 1/2" deep, 11 1/2" high. Shpg. Wt., 46 lbs.  
 GB-162WX. 18.30 Down - Net 183.00  
 C48 "Madison" enclosure only. Specify finish. 6.00 Down - Net 60.00  
 GB-163WX. 6.00 Down - Net 60.00



C49 DALE



C48 MADISON

## BEL-AIRE D42216

The BEL-AIRE is a new JBL speaker system of small dimensions. The MODEL D42216 has the D216 Extended Range Speaker. Recommended for shelf or table top use. Speaker impedance is 16 ohms, power 12 watts. Dimensions: 11 1/2" x 24" x 12". Shpg. wt., 24 lbs.  
 Model D42216M. Finished in mahogany. Net 84.30  
 GB-159WX. 8.43 Down - Net 84.30  
 Model D42216. Light oak or light walnut finish. (Specify) 8.85 Down - Net 88.50  
 GB-160WX. 8.85 Down - Net 88.50

## COMPLETE SPEAKER SYSTEMS

D34001 C34 Cabinet with 001 Speaker System consisting of D130A Low Frequency Driver, 175 D1M Tweeter, and N1200 network divider. Shpg. Wt., 134 lbs.  
 Model D34001 M. Mahogany finish. Net 391.75  
 GB-166WX. 39.18 Down - Net 391.75  
 Model D34001. Light oak or light walnut finish. (Specify) 40.68 Down - Net 406.75  
 D34030 C-34 Cabinet with 030 Speaker System consisting of D130. Extended Range 15" Speaker, 075 tweeter and N2600 network divider. Shpg. Wt., 122 lbs.  
 Model D34030 M. Mahogany finish. Net 319.00  
 GB-168WX. 31.90 Down - Net 319.00  
 Model D34030. Light oak, or light walnut finish. (Specify) 33.40 Down - Net 334.00  
 GB-169WX. 33.40 Down - Net 334.00  
**C34 CORNER HORN CONSOLE**  
 Model C34 M. Mahogany finish. Net 151.00  
 GB-164WX. 15.10 Down - Net 151.00  
 Model C34001. Light oak or light walnut finish. (Specify) 16.60 Down - Net 166.00  
 GB-165WX. 16.60 Down - Net 166.00

## JAMES B. LANSING SPEAKER SYSTEM KITS FOR CUSTOM INSTALLATION

Four matched speaker component packages for installing in your own cabinet, enclosure, wall or closet. Each package consists of a basic speaker, matching tweeter and a crossover network.

STOCK NO.	TYPE	CONSISTS OF			WT. (lbs.)	NET
GS-240WX	001	130A 15" Woofer	175 D1M Tweeter	N1200 crossover	44	240.75
GS-241WX	002	D123 12" Speaker	075 Tweeter	N2600 crossover	21	143.40
GS-242WX	020	D216 8" Speaker	075 Tweeter	N2400 crossover	16	141.60
GS-243WX	030	D130 15" Speaker	075 Tweeter	N2600 crossover	32	168.00

MAKE LAFAYETTE YOUR HEADQUARTERS FOR HIGH-FIDELITY EQUIPMENT

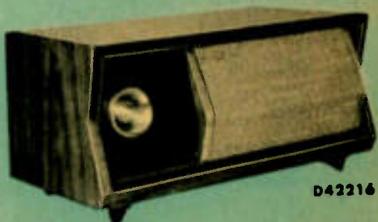
D42216



C34



C38



# GENERAL ELECTRIC HI-FI SPEAKERS AND SYSTEMS



## (1) GE A1-401 Golden Co-Ax

12" woofer, 2 1/4" tweeter, built-in crossover at 1500 cps. 25 watts. 8 ohm voice coil. Response 40-15,000 cps in enclosure. Magnet wts.: woofer - 14.5 oz., tweeter - 6.8 oz. Carefully-designed and made slotted plate reduces interference between woofer and tweeter for smoother crossover. Rich gold finish. The finest speaker mfd. by General Electric. Overall size 12 3/4" diam. x 6 1/2" deep. Shpg. wt., 9 1/2 lbs.

GS-475 ..... 5.00 Down ..... Net 48.75

## (2) GE 1201A Extended Range

12", 25 watt. Successor to popular S-1201-D Response 50-13,000 cps. 14.5 oz. magnet, 8 ohm voice coil. 1 1/4 inch diam. aluminum voice coil unaffected by temperature or humidity. Remarkably smooth response over entire range, excellent for moderate cost hi-fi systems. Shpg. wt., 7 lbs.

GS-476 ..... 5.00 Down ..... Net 24.43

## GE 1203A Extended Range: (Not Illustrated)

Same as 1201A but with 9 oz. magnet. Shpg. wt., 6 lbs.

GS-477 ..... Net 19.53

## (3) GE A1-404 Tweeter

Wide dispersion angle (100° vertical and horizontal). Response 1500-15,000 cps. 6.8 oz. magnet 2 3/4" diam. x 4 3/4" deep. 8 ohms. 25 watts. Aluminum voice coil. Ideal high-frequency speaker for use with A1-404 woofer in 2-way system - no separate crossover network needed.

GS-478 ..... Shpg. wt., 2 1/2 lbs. ..... Net 18.57

## (4) GE A1-403 Woofer

Designed to match A1-404 Tweeter or for any 2-3 way system. Electro-mechanical crossover of 1500 cps. Rating 25 watt, instantaneous peak of 50 watts. 14 1/4 oz. magnet, 8 ohm aluminum voice coil. Response 40-1500 cps. Size 12 3/4" diam. x 7" deep. Shpg. wt., 7 lbs.

GS-479 ..... 5.00 Down ..... Net 32.29

## (5) GE 850-D Extended Range

8", with 6.8 oz. magnet and aluminum voice coil 50 to 12,000 cps. 15 watts. Ideal for small cabinet systems or for combination paging and music industrial p.a. systems. Shpg. wt., 3 lbs.

GS-480 ..... Net 10.73

## (6) A1-421 Crossover Network

1500-cycle crossover operating from 8-ohm amplifier output impedance into 8-ohm woofer and 8-ohm tweeter. Power output 25 watts. Size 6 x 4 x 4". Shpg. wt., 3 lbs.

GS-481 ..... Net 13.67

## (7) Model LH-6 Stereo Classic

Designed especially for monaural or stereophonic hi-fi systems where space is at a premium. Offers excellent 2-way speaker performance, at moderate cost, from an enclosure only 5 cu. ft. in volume. Incorporates LW-6 6" woofer, LT-3 2 3/4" in. Tweeter, and Electrical Crossover Network with crossover at 1500 cycles. Effective Response is 50-15,000 cycles. Power 20 watts. Impedance 8 ohms. Dimensions: 15 3/4" x 9" x 8 3/4". Available in several woods as indicated below. Shpg. wt., 16 lbs.

GB-400WX LH-6 in Blonde, Cherry or Mahogany (Please specify) ..... 5.64 Down ..... Net 56.35

GB-401WX LH-6 in Redwood or Unfinished Cherry (Please specify) ..... 5.34 Down ..... Net 53.40

GB-402WX LH-6 in Decorator Finish ..... 5.00 Down ..... Net 48.95

## (7A) LK6 - Speaker Kit

Components of the LH-6 (less enclosure); LW-6 woofer, LT-3 Tweeter, Electrical Crossover network at 1500 cps. 20 watts, 8 ohms impedance. Shpg. wt., 4 lbs.

GB-403W ..... 5.00 Down ..... Net 29.33

## (8) G-506 Speaker System

New 12" high excursion woofer with 2" high performance direct radiator tweeter and crossover network provide ultra smooth response over the entire audio range (Frequency Response 40-18,000 cps.) from a compact 2 cu. ft. enclosure. Woofer provides up to four times more low frequency power output capability (+6 db) than conventional speakers in comparable-size enclosures. Handles up to 60 watts of integrated Program Material. Impedance 16 ohms. Handsome compact enclosure finished on 4 sides for standing vertically on 3" recessed matching base, or for attractive horizontal placement. Available in Mahogany, Blonde, Cherry or Walnut. Dimensions are 23 1/2" L x 14 1/2" H x 13" D. Shpg. wt., 48 lbs.

GB-404WX (Please specify finish) ..... 12.74 Down ..... Net 127.33

## (9) LK-12-Speaker Kit

Speaker components of the G-506 speaker system. . . . Includes high-compliance 12" woofer, high-performance 2" tweeter and crossover network. Instructions furnished for assembly of kit and construction of enclosures of two cu. ft. or larger. Frequency response 40 to 18,000 cycles . . . 60-watt power rating. Shpg. wt., 15 lbs.

GB-405WX Speaker Kit ..... 8.82 Down ..... Net 88.15

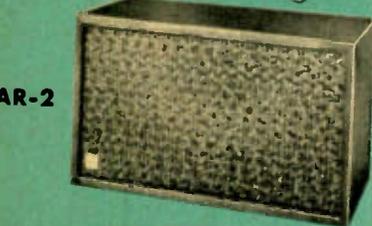
## (10) G-501-Speaker System

Acoustically engineered for highest quality sound reproduction in a limited area. Based on General Electric's extended-bass design, the self-contained woofer, tweeter and electrical crossover network deliver an unusually smooth frequency response of 43 to 16,000 cps. Ideal for stereo, the ultra-compact 1 cu. ft. enclosure measures only 22" L x 13" H x 9" D. Choice of Mahogany, Cherry, Walnut and Ebony finishes. Shpg. wt., 24 lbs. Specify finish.

GB-406WX Speaker System ..... 8.33 Down ..... Net 83.30



AR-1



AR-2



AR-3

# ACOUSTIC RESEARCH SPEAKER SYSTEMS

## AR-1

Based on new "acoustic suspension" principle where the speaker cone is mounted on a highly compliant free suspension, eliminating the mechanical springs which normally supply the elastic restoring force. The missing elasticity is then reintroduced via the pneumatic spring of the air enclosed by the fiberglass-filled cabinet. The cone literally rides on air instead of on mechanical springs. Advantages of this new principle are low bass harmonic distortion, exceptionally uniform extended low frequency response, and small cabinet size for optimum performance. The AR-1 includes an acoustically-suspended 12" low frequency mechanism and an 8" midrange and high-frequency unit. AR-1 is a 4-ohm system. Amplifier should be at least 20 watts; damping factor, 1 for standard use, 4 for corner use. Woofer magnetic circuit is 3.3 lbs. of Alnico 5 plus 6 lbs. Arma iron. System resonance: 43 cps ± 1 cps. Response: 38-1000 cps ± 1 1/2 db; 1,000-13,000 cps ± 5 db; down 15 db at 20 cps and 17,000 cps. Harmonic distortion (10 watts input) 25-70 cps. 4 1/2%; 70-1100 cps. 1%; 1100-14,000 cps less than 1%. Dimensions: 25" W x 11 1/2" D x 14" H. Shpg. wt., 55 lbs.

GB-425WX-AR-1 Mahogany 18.50 Down Net 185.00

GB-427WX-AR-1 Walnut ..... 19.40 Down ..... Net 194.00

GB-428WX-AR-1 Korina ..... 20.00 Down ..... Net 200.00

GB-429WX-AR-1 Unfinished Pine ..... 17.20 Down ..... Net 172.00

AR-1W Same as AR-1 but less 8" mid range and treble unit. Shpg. wt., 47 lbs.

GB-430WX-AR-1W Mahogany ..... 14.50 Down ..... Net 145.00

GB-431WX-AR-1W Walnut 15.40 Down Net 154.00

GB-432WX-AR-1W Korina 16.00 Down Net 160.00

GB-433WX-AR-1W Unfinished Pine ..... 13.20 Down ..... Net 132.00

## AR-2

The 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 over entire audio range. Dimensions: 24" W x 11 1/2" D x 13 1/2" H. Shpg. wt., 45 lbs.

GB-434WX-AR-2 Mahogany (Bottomside Unfinished) 9.60 Down-Net 96.00

GB-435WX-AR-2 Walnut (Bottomside Unfinished) 10.20 Down-Net 102.00

GB-436WX-AR-2 Korina (Bottomside Unfinished) 11.10 Down-Net 111.00

GB-437WX-AR-2 (Unfinished Pine) 8.90 Down-Net 89.00

GB-438WX-AR-2 Mahogany (Finished on Four Sides) 10.20 Down-Net 102.00

GB-439WX-AR-2 Walnut (Finished on Four Sides) 10.80 Down-Net 108.00

## 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. Tweeter utilizes 1-1 lb. Alnico 5 magnet. An L-C network provides crossover points at 1,000 and 7,500 cps with individual level controls to insure a proper balance under varying acoustic conditions. Dimensions 14" H x 25" L x 11 1/2" D. Shpg. wt., 60 lbs.

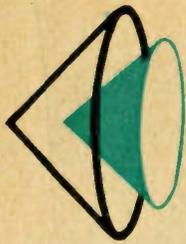
GB-440WX-AR-3 Mahogany ..... 21.60 Down ..... Net 216.00

GB-441WX-AR-3 Walnut ..... 22.50 Down ..... Net 225.00

GB-442WX-AR-3 Korina ..... 23.10 Down ..... Net 231.00

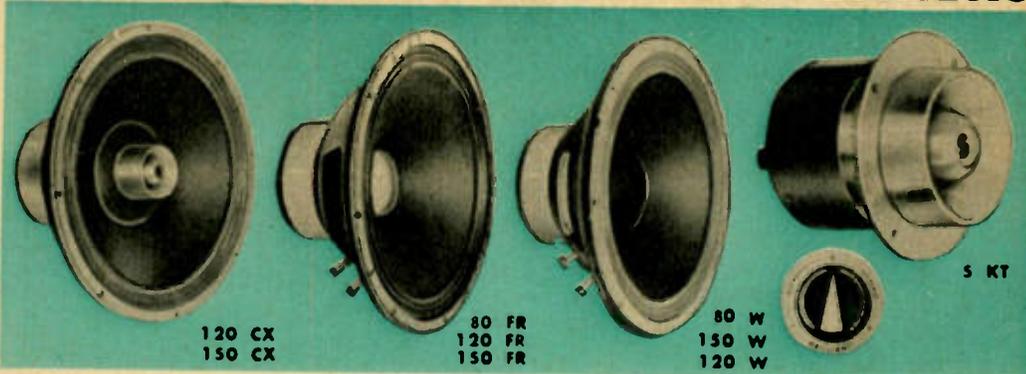
GB-443WX-AR-3 Unfinished Pine ..... 20.30 Down ..... Net 203.00

EASY TERMS AVAILABLE TO FIT YOUR BUDGET - SEE PAGE 302



Featuring  
**FREE-CONE  
SUSPENSION**

# STEPHENS TRUSONIC HI-FI SPEAKERS



120 CX  
150 CX

80 FR  
120 FR  
150 FR

80 W  
150 W  
120 W

5 KT

## 120 CX 12" COAXIAL SPEAKER

New Coaxial loudspeaker featuring free-cone suspension and the TRUSONIC Toroid Tweeter mounted coaxially. Complete with brilliance control network for adjusting treble response to complement room acoustics. Handles 30 watts program material. 60 watts peak. Free air cone resonant frequency 30 cps. Magnet structure weight 9½ lbs.—magnet uses efficient Alnico 5. Impedance 16 ohms. Shpg. Wt., 25 lbs.

GS-330WX ..... 9.95 Down ..... Net 99.50

## 150 CX 15" COAXIAL

Essentially identical construction with model 120 CX above. Low frequency speaker with coaxially mounted Toroid Tweeter producing clean response over range of 20-30,000 cps. Superb free-cone transient response. 23 cps free air resonant cone. Will handle 35 watts program material, 70 watts peak. Magnet structure weight 15 lbs.—magnet uses efficient Alnico 5. 16 ohm impedance. Shpg. wt., 30 lbs.

GS-331WX ..... 12.95 Down ..... Net 129.50

## CROSSOVERS (Not Illustrated)

SCX 500 cycle crossover for 16 ohm speakers, 6 db per octave attenuation rate. Approx. 4½" x 6½" x 4½". Shpg. wt., 2 lbs.

GS-332 ..... 5.00 Down ..... Net 24.50

L Pad For use with SCX as presence control for middle register. Shpg. wt., 1 lb.

GS-333 ..... Net 7.50

## 80 FR 8" FULL RANGE

A small speaker with big speaker response. Internal-air damping system provides controlled cushioning for cone. Response 40-15,000 cps, 50 cps resonance. 4 lb. magnet structure—magnet uses efficient Alnico 5. Handles 25 watts program material. 2" dia. edge-wound aluminum ribbon voice coil. 16 ohms. (8 ohms optional). Shpg. wt., 6½ lbs.

GS-334. 8 ohms ..... 3.00 Down ..... Net 33.50

GS-335. 16 ohms ..... 3.00 Down ..... Net 33.50

## 120 FR 12" FULL RANGE

Extended range speaker covering 30-15,000 cps. 40 cycle free air resonance. Available in either 16 ohm or 8 ohm impedances. 9½ lb. magnet structure—magnet uses efficient Alnico 5. 2½" aluminum ribbon voice coil. Handles 30 watts program, 60 watts peak. Shpg. wt., 15 lbs.

GS-336. 8 ohms ..... 6.00 Down ..... Net 60.00

GS-337. 16 ohms ..... 6.00 Down ..... Net 60.00

## 150 FR 15" FULL RANGE

A 15" extended range speaker having a free-air resonant frequency of only 23 cycles. Uses free-cone suspension. Frequency response 20-14,000 cps. 15 lb. magnet structure—magnet uses efficient Alnico 5. 16 or 8 ohm impedance (specify when ordering). 35 watts program capacity, 70 watts peak. 3" diameter edge-wound aluminum voice coil. Shpg. wt., 25 lbs.

GS-338WX. 8 ohms ..... 8.70 Down ..... Net 87.00

GS-339WX. 16 ohms ..... 8.70 Down ..... Net 87.00

## 80M 8" MIDRANGE

New 8" free cone midrange speaker with heavy 4 lb. magnet structure. Excellent transient response. Frequency range from 250-5000 cps. Power rating, 25 watts program material. 16 ohms. Shpg. Wt., 6½ lbs.

GS-343 ..... 5.00 Down ..... Net 37.50

## 150 W 15" WOOFER

A free-cone 15" woofer with very low resonant frequency: only 20 cps. Response from 20 to 3500 cps, for crossover frequencies below 2500 cps. 35 watts program power rating. Shpg. wt., 25 lbs.

GS-340WX ..... 8.70 Down ..... Net 87.00

## 120 W 12" WOOFER

A 12" woofer with 30 cps resonance, reproduces from 30 to 5000 cps and can be used with Model 5-KT tweeter (below). Straight sided cone has 2½" aluminum ribbon voice coil. Power rating 30 watts program material. Shpg. wt., 15 lbs.

GS-341 ..... 6.00 Down ..... Net 60.00

## 5 KT TWEETER

New Toroid design disperses the sound through 100° without external horns. Includes 5000 cps high-pass filter and adjustable brilliance control. Response 5000 to 25,000 cps. Mounts in 2-13/16" dia. hole. Shpg. wt., 4 lbs.

GS-342 ..... 5.00 Down ..... Net 49.50



STEREODOT SYSTEM

## STEPHENS "STEREODOT"

The "Stereodot" speaker system includes 2 small enclosures, measuring 9" x 9" x 6" each containing a quality 8" speaker and designed as a superior reproducer of middle and high frequencies from 400 cps up. Also included is a special filter network and control which feeds all bass frequencies from both stereo channels to your central speaker, plus a portion of the middle and high registers. In addition, the network feeds all frequencies above 400 cps of each channel, independently, to each Stereodot speaker. Thus a virtual 3-channel system is set up, with definite left and right channels, and a central channel which overcomes the "hole in the middle" effect. Effective stereo is heard anywhere in the room. The Stereodots are self-mounted, anywhere between 3' and 8' from the floor. Enclosures are 1-piece mold finished in mahogany, blonde, or walnut. They may be refinished to match room decor. Shpg. Wt., 25 lbs.

STEPHENS SD-101 SYSTEM—Consists of 2 Stereodot speakers and enclosures (mahogany, blonde or walnut—please specify) and filter-control network.

GB-250WX ..... 13.95 Down ..... Net 139.50

STEPHENS SD-102 MASTER SYSTEM—Same as above, but enclosures contain spiral 8 inch midrange and 5KT tweeter.

Shpg. Wt., 35 lbs.

GB-251WX ..... 24.95 Down ..... Net 249.50

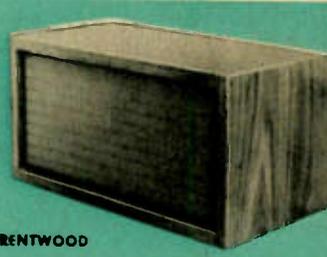


MALIBU

## MALIBU 2 WAY SPEAKER SYSTEM

The MALIBU is a high efficiency three speaker, two-way system. Offers superb quality reproduction in a compact enclosure. The high efficiency of this system means that there will be enough power from a 10 watt amplifier to produce clean, distortion-free sound to fill a very large room. A pair of the MALIBU speaker systems will provide the ultimate in stereophonic listening in compact cabinets at a reasonable cost. The "free suspension" principle utilized in the construction of the cone speaker allows the cone to move as a true piston. The MALIBU system consists of 2 8" woofers, toroid tweeter, crossover and attenuator. Power ratings: 25 watts program; 50 watt peak. The 8" woofers feature heavy 4 lb. magnet structures. Frequency range from 40 to 5000 cps. 2" voice coil diameter. At 5,000 cps, the 5 KT toroid tweeter takes over and extends frequency range to 25,000 cps. Its annular exponential horn is made of solid aluminum. The SKX brilliance control network crosses over at 5000 cps, with attenuation rate 12 db per octave. Continuously adjustable from plus 6 db to minus 30 db. Choice of finish: mahogany, blonde, or walnut. Please specify finish. Size: 23½" long, 15½" high, 11½" deep. Shpg. Wt., 35 lbs.

GB-252WX ..... 17.45 Down ..... Net 174.50



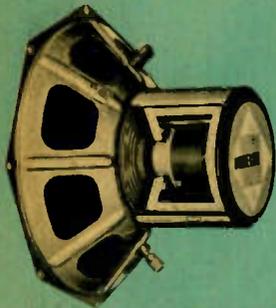
BRENTWOOD

## BRENTWOOD 2 WAY SPEAKER SYSTEM

The BRENTWOOD is a high efficiency two speaker two-way system. Offers maximum performance in an extremely compact enclosure small enough to fit into a standard bookcase itself. The high efficiency of the system allows its use without high power amplifier. The unbelievably clean and distortion-free sound from the BRENTWOOD makes it ideal for use in a monophonic or stereophonic system. Consists of one 8" woofer, toroid tweeter, 5000 cps crossover network and attenuator. The 8" woofer features the famous free-cone suspension system, giving superb clarity and definition of sound. Power rating: 25 watts program; 50 watt peaks. Frequency range from 40 to 5000 cps. The 5KT toroid tweeter reproduces from 5000-25,000 cps. The new toroid design disperses the sound through 100°, minimizing "hole in the middle" effect when two BRENTWOOD systems are used. The SKX brilliance control network has attenuation rate of 12 db/ octave. Continuously adjustable from plus 6 db to minus 30 db. Choice of finish: mahogany, blonde, or walnut. Please specify finish. Size: 23½" long, 11½" high, 11½" deep. Shpg. Wt., 22 lbs.

GB-253WX ..... 13.95 Down ..... Net 139.50

# Norelco HIGH FIDELITY SPEAKERS



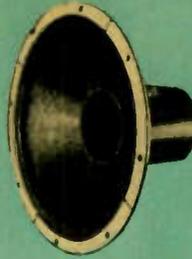
INTERNAL CUTAWAY SHOWING NEW TICONAL-7 ALLOY MAGNET (30% MORE POWERFUL THAN ALNICO)



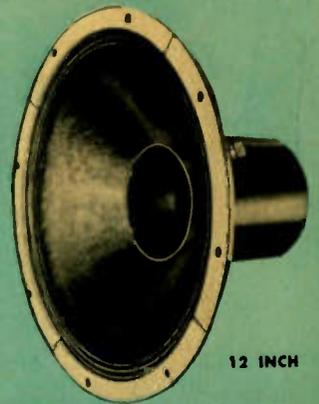
5 INCH



6 x 9"



8 INCH



12 INCH



THE REMBRANDT  
THE HAGUE

THE VAN GOGH



THE VERMEER



## NORELCO V SPEAKERS

The new Norelco T-7 speakers are developed and guild-crafted by Philips of the Netherlands. This new line is designed to meet the quality requirements of the discriminating music lover at a surprisingly moderate price. The T-7 series features voice coil magnets of Ticonal-7 steel, the most powerful of modern magnet alloys, for maximum

efficiency and damping. Dual cones assure wide frequency response. Constant impedance results in an extremely straight response curve. Longer effective airgaps and extra high flux density provide exceptional transient response. Also provide standard E.I.A. mounting holes and new professional rigid frame construction.

### 12" MODEL AD-4277M

The AD-4277M is a 12" twin-cone speaker. Power handling capacity: 20 watts, 30 watts peak. Total flux: 98,000 maxwells. Frequency response: 35-18,000 cps. 8 ohms. Shpg. wt., 8 lbs.  
GS-360 ..... 5.00 Down ..... Net 39.00

### 12" MODEL AD-5277M

The AD-5277M is a 12" twin-cone speaker. Power handling capacity: 20 watts, 30 watts peak. Total flux: 134,000 maxwells. Frequency response: 35-18,000 cps. 8 ohms. Shpg. wt., 11 lbs.  
GS-361 ..... 7.25 Down ..... Net 72.50

### 5" MODEL AD-3500M

The AD-3500M is a 5" twin-cone speaker. Power handling capacity: 3 watts, 5 watts peak. Total flux: 20,000 maxwells. Frequency response: 130-19,000 cps. 4-6 ohms. Shpg. wt., 2 lbs.  
GS-364 ..... Net 8.34

### 8" MODEL AD-4877M

The AD-4877M is an 8" twin-cone speaker. Power handling capacity: 6 watts, 10 watt peak. Total flux: 58,300 maxwells. Frequency response curve: 50-20,000 cps. 4-6 ohms. Shpg. wt., 5 lbs.  
GS-362 ..... 5.00 Down ..... Net 26.00

### 8" MODEL AD-3800M

The AD-3800M is an 8" twin-cone speaker. Power handling capacity: 6 watts, 10 watts peak. Total flux: 26,200 maxwells. Frequency response: 75-19,000 cps. 4-6 ohms. Shpg. wt., 3 lbs.  
GS-363 ..... Net 9.90

### 6 x 9" MODEL AD-2690M

The AD-2690M is a 6 x 9" twin-cone speaker. Power handling capacity: 6 watts, 9 watts peak. Total flux: 26,200 maxwells. Frequency response: 70-16,000 cps. 4-6 ohms. Shpg. wt., 3 lbs.  
GS-365 ..... Net 6.75

### 6 x 9" MODEL AD-3690M

Deluxe version of AD-2690, having total flux of 26,200 maxwells and frequency response from 70 to 18,000 cps.

Shpg. wt., 3 lbs.  
GS-366 ..... Net 7.95

## NORELCO SPEAKER SYSTEMS & ENCLOSURES

### THE HAGUE SYSTEM

This completely integrated quality speaker system incorporates 2 high efficiency 8 inch wide range speakers in an acoustically matched back loaded folded horn type enclosure. The speakers have dual cones to assure extremely wide-range, flat response. Ticonal-7 magnets give maximum efficiency; long effective air-gaps and extra high flux density provide exceptional transient response, eliminating ringing and overshoot. The cabinet, reflecting skill of the Dutch craftsmen, is hand-rubbed to

a beautiful finish. Entire system is designed for optimum dispersion with the wide range response of the typical unexaggerated "EUROPEAN" clean sound. Size: 26" H x 21 1/2" W x 17 1/2" D. Handsome legs add 8" to above height. Shpg. wt., 65 lbs.

GB-325WX, Mahogany ..... 15.00 Down ..... Net 149.95  
GB-326WX, Blond ..... 15.50 Down ..... Net 154.95  
GB-327WX, Cherry ..... 16.00 Down ..... Net 159.95

### THE VAN GOGH ENCLOSURE

Acoustically designed to achieve moderate size without loss of bass response or wideness of dispersion. Ideal wherever space is limited, but no compromise in listening quality is acceptable. Characterized by compact size and beautifully styled and hand-crafted workmanship. Perfectly matched for the bass response of the new Norelco T-7 speakers. The enclosure is of distributed port

bass reflex type. Suitable for use with most other eight inch speakers. The enclosure can be placed vertically or horizontally. Size: 23 1/2" L, 13 1/4" H, 11 1/4" D. Shpg. wt., 35 lbs.

GB-334WX, Mahogany ..... 5.10 Down ..... Net 51.00  
GB-335WX, Blond ..... 5.55 Down ..... Net 55.50  
GB-336WX, Walnut ..... 6.00 Down ..... Net 59.95

### THE VERMEER ENCLOSURE

A Distributed port bass reflex type, the new Norelco Model Vermeer Enclosure is designed for use with the new Norelco T-7 series and most other eight inch speakers. Can be rested vertically or horizontally in a bookshelf as well as on tables. Size: 18 1/2" L, 12" H, 8-15/16"

D. Shpg. wt., 22 lbs.

GB-331WX, Mahogany ..... 5.00 Down ..... Net 31.00  
GB-332WX, Blond ..... 5.00 Down ..... Net 33.25  
GB-333WX, Walnut ..... 5.00 Down ..... Net 35.00

### THE REMBRANDT ENCLOSURE

A back loaded folded horn type. For T-7 and most other 12" speakers. 26" x 21 1/2" x 17 1/2" deep, plus 8" legs. Shpg. wt., 55 lbs.

GB-328 WX, Mahogany finish ..... 9.10 Down Net 91.00  
GB-329 WX, Blond finish ..... 9.50 Down Net 94.95  
GB-330 WX, Walnut finish ..... 9.95 Down Net 99.50

# Goodmans

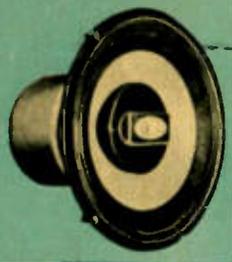
# Loudspeakers

## COAXIAL AND FULL RANGE SPEAKERS

**Triaxiom  
208**



**Triaxiom**



**Axiom**



**Axiette**



**UD18M**



**UDMTEJ  
UDBJ**



**UD69J**



**C12R**



**C8R**



**CTSJN**

### UTAH UNIDRIVE WIDE RANGE COAXIALS WITH NEW DUAL DIAMETER MAGNETS

Features the all-new dual diameter magnetic circuitry with 2 Alnico V magnetic material structures combined into one dual diameter, producing more power per pound. Provides exacting full range reproduction of unsurpassed tonal quality. Slim modern design with heavy steel frame.

**MODEL D15P 15"**—Power rating: 35 watts peak. Response: 25 to 12,000 cps. 21.5 oz. magnet. Shpg. wt., 9½ lbs.

**GS-535** ..... 5.00 Down ..... Net 26.17

**MODEL D-12P 12"**—Response: 30 to 14,000 cps. 21.5 oz. magnet. Power rating: 30 watts peak. Shpg. wt., 7½ lbs.

**GS-534** ..... 5.00 Down ..... Net 23.96

**MODEL D12LA 12"**—Response: 30 to 16,000 cps. 14.7 oz. magnet. Power rating 20 watts peak. Shpg. wt., 6½ lbs.

**GS-533** ..... Net 17.61

**MODEL D12J 12"**—Response: 35 to 15,000 cps. 6.5 oz. magnet. Power rating: 15 watts peak. Shpg. wt., 6 lbs.

**GS-532** ..... Net 11.73

**MODEL D8P 8"**—Response: 35 to 13,000 cps. 21.5 oz. magnet. Power rating: 30 watts peak. Shpg. wt., 5 lbs.

**GS-531** ..... 5.00 Down ..... Net 20.73

**MODEL D8LA 8"**—Response: 40 to 16,000 cps. 14.7 oz. magnet. Power rating: 20 watts peak. Shpg. wt., 4 lbs.

**GS-530** ..... Net 14.67

**MODEL D8J 8"**—Response: 45 to 15,000 cps. 6.8 oz. magnet. Power rating: 12 watts peak. Shpg. wt., 3½ lbs.

**GS-529** ..... Net 10.29

**MODEL D69J 6" x 9"**—Response: 60 to 16,000 cps. 6.8 oz. magnet. Power rating: 12 watts peak. Shpg. wt., 2½ lbs.

**GS-536** ..... Net 9.97

### NEW "Triaxiom" 208

The new Triaxiom 208 provides incisive realism and highest power output in an 8" speaker for fine stereo and monophonic installations. Features highest electro-acoustic efficiency made possible by 1½ lb. magnet. Incorporates the famous Trebas Hypelliptical pressure driver tweeter to provide response out to 35,000 cycles. Employs a Rigidflex floating piston cone resulting in a free floating cone rim and a completely rigid cone center to provide pure piston action. Provides maximum distortionless bass response. The new Triaxiom is the only 8" speaker to employ a 3" voice coil, providing free air resonance 35 to 45 cycles. Massive die cast chassis throughout eliminates spurious resonances. Mechanical crossover provides maximum efficiency from 2,000 to 5,000 cycles. Electrical crossover takes over at 5,000 cycles. Uses an ultra-efficient electrical crossover and variable 15 db "L" pad. Uniform frequency response from 35 to 20,000 cycles. Useful frequency range to 35,000 cycles. Power handling capacity is 20 watts. Shpg. Wt., 18 lbs.

**GS-175** ..... 5.34 Down ..... Net 53.41

### "Triaxiom" 212 3 Way Speakers

A complete range of new 3-way concentric loudspeakers with exceptionally low distortion. Frequency range to 20,000 cps. Fundamental resonance: 12" speakers 35 cps, 15" speakers 25 cps. Crossovers: mechanical to mid-range radiator at 2000 cps, electrical to tweeter at 5000 cps. High frequency brilliance control. Triaxiom 212, 12" speaker; handles 25 watts. 1½ lb. magnet. Shpg. Wt., 20 lbs.

**GS-178WX** ..... 6.81 Down ..... Net 68.11

**Triaxiom 215, 15"** speaker; handles 30 watts. 1½ lb. magnet. Shpg. Wt., 23 lbs.

**GS-179WX** ..... 7.79 Down ..... Net 77.91

**Triaxiom 412, 12"** speaker. Handles 35 watts. 3½ lb. magnet. Shpg. Wt., 28 lbs.

**GS-180WX** ..... 9.07 Down ..... Net 90.65

**Triaxiom 415, 15"** speaker. Handles 40 watts. 3½ lb. magnet. Shpg. Wt., 31 lbs.

**GS-181WX** ..... 10.24 Down ..... Net 102.41

**Triaxiom 612, 12"** speaker. Handles 45 watts. 6 lb. magnet. Shpg. Wt., 42 lbs.

**GS-182WX** ..... 12.35 Down ..... Net 123.48

**Triaxiom 615, 15"** speaker. Handles 50 watts. 6 lb. magnet. Shpg. Wt., 46 lbs.

**GS-183WX** ..... 14.41 Down ..... Net 144.06

### "Axiom" 12" Wide Range

Extra wide range, heavy duty speaker design using new twin diaphragm for efficient radiation at both low and high frequencies. Establishes a new standard of comparison for clarity of definition, enormous power handling capacity, exceptional transient response in a 12" speaker. Handles frequencies from 20 to 16,000 cycles with a precision and efficiency never before attained in a 12" speaker. It is especially useful for compact, inexpensive stereophonic speaker systems. A special Goodman feature is the white diaphragm in a vacuum formed, precision controlled free edge suspension. The free air resonance frequency is 35 cycles. High frequencies are reproduced through a special diaphragm located in the center.

**Axiom 450**. Continuous power handling capacity 45 watts. Shpg. Wt., 25 lbs.

**GS-176WX** ..... 8.72 Down ..... Net 87.22

**Axiom 350**. Power handling capacity 35 watts. Shpg. Wt., 20 lbs.

**GS-177WX** ..... 6.71 Down ..... Net 67.13

### "Axiette" II-8

8" full range unit with almost amazing performance. It can be used as a standard full range speaker, or as a mid-range tweeter unit. Frequency range 30-18,000 cps, resonance approx. 60 cycles. 16 ohms impedance, will handle 15 watts. Shpg. wt., 5 lbs.

**GS-184** ..... 5.00 Down ..... Net 26.46

### ARU ACOUSTICAL RESISTANCE UNIT

Improves performance of speaker enclosures by friction loading, permitting use of enclosure of ½ the size normally required. Replaces port of bass reflex enclosures. Extends response to 20 cps.

**MODEL 172 ARU**—For 1-12" speaker. Cutout required 10½" x 10"; recommended enclosure 7800 cu. in. ± 10% Shpg. wt., 2 lbs.

**GS-185W** ..... Net 10.68

**MODEL 180 ARU**—For 1-10" speaker. Cutout required 12" x 7"; recommended enclosure 5900 cu. in. ± 10% Shpg. wt., 1½ lbs.

**GS-186W** ..... Net 11.51

**MODEL 280 ARU**—For 2-10" or 1-15" speakers. Cutout required 14½" x 10"; recommended enclosure 8300 cu. in. ± 10% Shpg. wt., 2½ lbs.

**GS-187W** ..... Net 14.06

**MODEL 480 ARU**—For 4-10" or 1-18" speakers. Cutout required 17½" x 13½"; recommended enclosure 11,700 cu. in. ± 10% Shpg. wt., 3½ lbs.

**GS-188W** ..... Net 17.05

### UTAH CONTINENTAL SPEAKERS

High quality speakers featuring extremely wide range response with fine rich tone. Ideal for stereo reproduction. High efficiency Alnico V magnets are used to maintain the smoothest response over the entire range. The midrange speaker and tweeter are fully enclosed in the back to prevent interaction with the woofer. Utilizes the new C-R (controlled response) feature. Cloth shiver roll provides smooth response for woofers. Solderless terminals are photo-coded for easy connections in multi-speaker systems. Ultra-rugged construction, featuring seamless cones, with all fibre-to-metal bonds made with heat and extreme pressure. Extended range speakers use separate matched cones for bass and treble to provide better response. Finished in distinctive wrinkle-grey and soft-gold trim. All speakers have 16 ohm impedance.

STOCK NO.	UTAH NO.	SIZE & DESCRIPTION	MAGNET WT. (Oz.)	PEAK AUDIO WATT	FREQUENCY RESPONSE (CPS)	SHPG. WT.	NET
GS-520	CTSJN	5" Tweeter	6.8	40	3500/20,000	3¼	11.47
GS-521	CM6J	6" Mid Range	6.8	15	600/6,000	3¼	14.99
GS-522	CM6L	6" Mid Range	14.7	20	500/5,000	4½	23.49
GS-523	CBP	8" Woofer	21.5	20	25/8,500	5	27.93
GS-524	C8R	8" Woofer	2 lb.	25	20/8,000	8	32.31
GS-525	C12P	12" Woofer	21.5	25	25/8,000	7½	30.58
GS-526	C12R	12" Woofer	2 lb.	30	20/7,500	10½	35.25
GS-527	C15R	15" Woofer	2 lb.	40	20/5,000	13	39.69

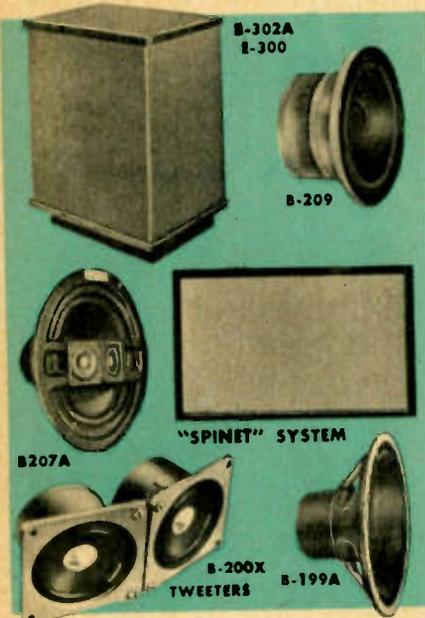
### CONTINENTAL C12RD 12" DUAL VOICE COIL WOOFER

Brand new design handles lows of both stereo channels. Magnet weighs 2 lbs. Power handling capacity: 30 watts. Frequency response: 20 to 2,500 cps. Shpg. wt., 10½ lbs.

**GS-528** ..... 5.00 Down ..... Net 44.10

# HIGH FIDELITY SPEAKERS AND SPEAKER SYSTEMS

## BOZAK



**B-207A 12" COAXIAL** — 1 bass and 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. Shpg. wt., 13 lbs.  
**GS-420** ..... 8.35 Down ..... Net **83.50**

**B-199A 12" WOOFER** — High efficiency woofer designed for top-quality 2- and 3-way speaker systems. 1 1/2 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. Shpg. wt., 8 lbs.  
**GS-421** ..... 5.00 Down ..... Net **49.50**

**B-209 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 1 1/2" diam. ribbon. 1 1/2 lb. Alnico 5 magnet. 6 1/2" OD. 3 1/2" deep (5 1/2" diameter cutout). Shpg. wt., 8 lbs.  
**GS-422** ..... 5.00 Down ..... Net **48.00**

**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-209 in 3-way system 8" w x 8" d x 5 1/2" h. Shpg. wt., 6 1/2 lbs.  
**GS-423** ..... 5.00 Down ..... 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: 6 1/2" wide, 3 1/4" high, 2 1/2" deep. Shpg. wt., 5 lbs.  
**GS-424** ..... 5.00 Down ..... Net **30.00**

**E-300 ENCLOSURE** — Beautiful, smartly designed enclosure. 5 cu. ft. cabinet specially designed for fine Bozak speakers, with cutout for B-207A Coaxial and removable panel for B-209 mid-range speaker. Sturdily built of 1/2" plywood, with lined interior to avoid cabinet resonances. Size: 24" wide x 30 1/2" high x 17" deep. Specify Walnut, Mahogany or Birch finish. Shpg. wt., 58 lbs.  
**GS-350WX**. Specify finish.....7.50 Down.....Net **75.00**

**E-300 KIT** — Complete with all parts and instructions for building E-300 enclosure. Unfinished, solid birch outside trim for easy finishing. Specify D or L for Dork or Light grille cloth. Shpg. wt., 58 lbs.  
**GS-351WX** ..... 5.00 Down ..... Net **42.50**

**B-302A 3-WAY SYSTEM** — Superb, 3-way reproducer system housed in E-300 cabinet. Speaker system consists of the B-207A 12" coaxial speaker for the bass and treble and the B-209 6" speaker for the middle registers. The N-10102 network 3-way crossover is included. System response is exceptionally linear from 40 to 16,000 cps. Power rating 15 watts, impedance 8 ohms. Size, 24" wide x 17" deep x 30 1/2" high. Shpg. wt., 80 lbs. Specify Mahogany, Walnut or Blonde.  
**GS-352WX** ..... 23.50 Down ..... Net **235.00**

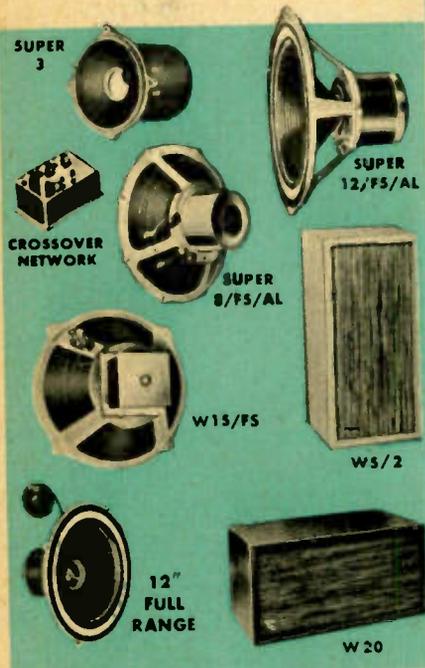
**NEW "SPINET" SPEAKER SYSTEMS** For the music lover with space problem. May be paired to reproduce sparkling stereo sound. Power rating 20 watts. Can be placed horizontally or vertically. Finish in walnut, mahogany, blonde or ebony. Size: 14 1/2" x 23 1/4" x 11 1/4". B-502. Consists of one B-199A woofer, one B-209 mid-range, one B-200X dual tweeter, and one N-10102 crossover network. 8 ohms. Shpg. wt., 1 lb.  
**GS-355WX**. Specify finish.....20.95 Down.....Net **209.50**

**GS-356WX**. Unfinished ..... 19.95 Down ..... Net **199.50**

B-500. Consists of one B-199A woofer, one B-200X dual tweeter, crossover at 2500 cps. Impedance: 8 ohms. Shpg. wt., 40 lbs.  
**GS-353WX**. Specify finish.....13.45 Down.....Net **134.50**

**GS-354WX**. Unfinished ..... 12.45 Down ..... Net **124.50**

## Wharfedale SPEAKERS & SYSTEMS



**SUPER 12/FS/AL 12" WIDE RANGE** — Finest single speaker in the Wharfedale line. Special cone for smoother response in upper-middle range. Extremely high sensitivity, excellent damping. One of the most powerful magnets in use today—17,000 lines flux density. Voice coil 12-15 ohms; resonance 30-38 cps; power 12 watts; depth 7". Response 30-18,000 cps. Shpg. wt., 19 lbs.  
**GS-445** ..... 8.77 Down ..... Net **87.71**

**SUPER 8/FS/AL 8" WIDE RANGE** — Response 50-20,000 cps. Recommended as single speaker in moderately priced systems or in 2-way or 3-way systems with 1000 cps crossover. Impedance 8-10 ohms; Resonance 55-65 cps; flux density 13,000 lines; 4 watts power handling. Shpg. wt., 4 lbs.  
**GS-446** ..... 5.00 Down ..... Net **25.97**

**SUPER 3 TWEETER** — For extending high frequency response. Range 3,000 to 20,000 cps; extremely smooth response, high sensitivity and efficiency. Voice coil impedance 8-15 ohms; flux density 13,000 lines; depth 2 1/2". Shpg. wt., 4 lbs.  
**GS-447** ..... 5.00 Down ..... Net **25.97**

**W13/FS 15" WOOFER** — Response 25-3,000 cps. Impedance 12-15 ohms; power rating 15 watts; resonance 25-30 cps; flux density 13,500 lines; depth 7 1/2". Shpg. wt., 18 lbs.  
**GS-448** ..... 8.77 Down ..... Net **87.71**

**W12/FS 12" WOOFER** — Similar to above. Impedance 12-15 ohms, resonance 30-35 cps; flux density 13,000 lines; power 12 watts; depth 6 1/2". Shpg. wt., 13 1/2 lbs.  
**GS-449** ..... 5.15 Down ..... Net **51.45**

**W10/FSB 10" WIDE RANGE** — Small, but powerful speaker with extra smooth response from 30 to 15,000 cps. Resonance 30-38 cps, Flux density 14,000 lines; impedance 12-15 ohms, power rating 10 watts. Wt., 11 lbs.  
**GS-450** ..... 5.00 Down ..... Net **46.55**

### CROSSOVER NETWORKS

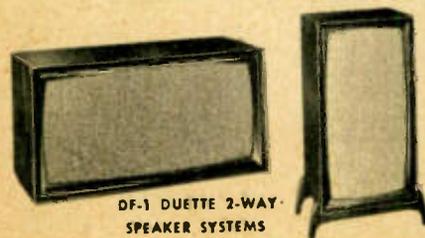
**GS-451**. 1000 cycle. 7/16 ohms. 3 lbs. .... Net **17.89**  
**GS-452**. 3000 cycle. 7/16 ohms. 3 lbs. .... Net **17.89**  
**3-Way 800 & 5000 cps.** 7/16 ohms. 12 db/octave.  
**GS-453** 7 lbs. .... 5.00 Down ..... Net **41.41**

**NEW! COAXIAL 12" FULL RANGE** — Features new magnet design with concentric gaps. Power capacity: 40 watts. 12/15 ohms. The tweeter takes over at 4000 cycles to beyond 20,000 cycles. Complete with built-in filter and control for the tweeter. Shpg. wt., 24 lbs.  
**GS-454WX** ..... 13.67 Down ..... Net **136.71**

**WS/2 FULL RANGE 2-WAY SPEAKER SYSTEM.** A small 2-way Wharfedale speaker system to meet the demand for small outstanding stereo speaker systems. Impedance: 15 ohms. Size: 11" H, 10" D, 24" L (horizontal). Shpg. wt., 25 lbs.  
**GS-377WX**. Oil walnut finish.....9.26 Down.....Net **92.61**  
 Specify choice of mahogany, walnut, or blond finish.  
**GS-376WX** ..... 8.77 Down ..... Net **87.71**  
**GS-375WX**. Unfinished ..... 7.79 Down ..... Net **77.91**

**W20 FULL-RANGE 2-WAY SPEAKER SYSTEM.** Full performance in minimum space. Utilizes special Wharfedale 12" high compliance and Super 5 speakers. Complete with LC crossover and treble control. 15 ohms. Size: 14" H, 12" D, 24" L (horizontal). Shpg. wt., 40 lbs.  
**GS-378WX**. Unfinished ..... 15.63 Down ..... Net **156.30**  
 Choice of mahogany, walnut, or blond finish. Specify.  
**GS-379WX** ..... 17.10 Down ..... Net **171.01**  
**GS-380WX**. Oil walnut finish. 18.08 Down. Net **180.81**

## NEW DF-1 JENSEN DUETTE 2-WAY HI-FI SPEAKER SYSTEMS



Economically priced "bookshelf" size full 2-way speaker system featuring wide frequency range and exceptional, clean bass response. Can be placed in vertical or horizontal position. Includes new 8" FLEXAIR woofer and new direct radiator tweeter with crossover at 2000 cycles. The speakers are housed in tube-vented Bass-Superflex enclosure. Power rating: 25 watts average program, 50 watts peak. Frequency range: 36-14,000 cycles. Impedance: 16 ohms. Has high frequency control for balance adjustment. Enclosure is fine furniture with genuine

matching hardwood front frame. Choice of finish: Walnut, tawny ash, or mahogany. Size: 12 1/2" H; 24" W; 10 1/2" D. Shpg. wt., 28 1/2 lbs.  
**GS-209WX**. Specify finish ..... 7.95 Down ..... Net **79.50**  
**GS-210WX**. Unfinished ..... 6.00 Down ..... Net **59.95**

**ST-972 FLOOR BASE.** For DF-1. Raises bottom of cabinet 3 1/4" off floor. Choice of finish: Walnut, tawny ash, or mahogany. Shpg. wt., 1 1/4 lbs.  
**GS-211**. Specify finish ..... Net **7.50**

### KDF-1 2-WAY SPEAKER SYSTEM KIT

Includes PB-QF 8" FLEXAIR woofer enclosure vent tube, P35-VAH tweeter, coupling element, H-F control. Com-

plete with accessories and instructions. Shpg. wt., 7 1/4 lbs.  
**GS-212** ..... 5.00 Down ..... Net **29.75**

# SELECTED HI-FI SPEAKERS & SPEAKER SYSTEMS

## Janszen ELECTROSTATIC HIGH — FIDELITY SPEAKER

### MODEL 130

For mid- and high-frequency range. Employs a group of 4 micro-thin plastic diaphragms, each suspended between 2 parallel plates to which a constant charge is applied. Complete with its own built-in high voltage bias power supply, audio signal step-up transformer, 500 cps crossover network and acoustically-treated cabinet. Available only as a complete, integrated unit.

The electrostatic radiators provides smooth sound, almost completely free of harmonic or intermodulation distortion (flatter than most amplifiers). Transient response reaches a hitherto-unknown perfection; record scratch is reduced to new lows; clarity and realism are maintained at all listening levels.

Frequency response 500 cps to beyond 30,000 cps. Power supply 2 watts, 117 volts, 60 cps AC. Maximum program input 50 watts. Impedance 8 or 16 ohms. Recommended for use only with woofers having extremely smooth response below 1000 cps; Dimensions 7 1/4" x 22" x 13". Shpg. wt., 16 lbs.

GB-275WX* Birch	17.90 Down	Net 179.00
GB-276WX* Mahogany	18.40 Down	Net 184.00
GB-277WX* Walnut	18.80 Down	Net 188.00
GB-278WX. Utility array	16.90 Down	Net 169.00
GB-279WX. Utility square	16.10 Down	Net 161.00

\*Add 8 or 16 to model number to indicate impedance desired.

The Model 65 Tweeter, The "little brother" of the Model 130, has 700-30,000 cycle range, 50 watt power level, 8 ohm impedance. Uses two radiators with 60° dispersion. Shpg. wt., 13 lbs.

65M Mahogany		
GB-280WX	8.95 Down	Net 89.50
65B Birch		
GB-281WX	8.95 Down	Net 89.50
65W Walnut		
GB-282WX	9.15 Down	Net 91.50
65UA Utility array		
GB-283WX	8.65 Down	Net 86.50

## TANNOY QUALITY SPEAKERS

### NEW! 12" MONITOR

A 12" dual concentric speaker of unusual design. Uses separate tweeter and woofer mounted coaxially and using the same magnet assembly. Cone of woofer acts as part of exponential horn for tweeter. Overall frequency response from 25 to 20,000 cps. Impedance is 16 ohms. External crossover network with 1,700 cps crossover frequency. Handles 30 watts with less than 2% intermodulation distortion. Flux density 15,000 gauss in tweeter, 11,500 gauss in woofer. Resonant frequency 35 cps. 7 1/2" deep, 12 1/2" overall diameter, 1 1/2" dia. Shpg. wt., 20 lbs.

GS-375WX	13.80 Down	Net 138.00
NEW "15" MONITOR. 15" version of above. 50 watts power capacity. Shpg. wt., 30 lbs.		
GS-376WX	17.90 Down	Net 179.00

### TANNOY CROSSOVERS

XOU/MF/LF—Two way crossover. Shpg. wt., 4 lbs.	
GS-377	5.00 Down Net 29.00
XOU/DR/15LF—Two way 400 cycle crossover. 5 lbs.	
GS-378	5.20 Down Net 52.00
XOU/DR/15LF/MF—Two way 3000 cycle crossover. 5 lbs.	
GS-379	5.00 Down Net 32.00

## ALTEC-LANSING SPEAKERS

### 605A DUPLEX

The new Altec 605A surpasses its famous predecessor, the 604 Duplex speaker. Carefully engineered, the 605A is a precision instrument that reproduces sound faithfully. Provides unusually smooth response in the highs, extremely high linearity and clean transient response in the lows. Power handling capacity, 35 watts, 50 watts peak. Frequency response: 20-22,000 cps. Magnet weight: 2 1/2 lbs. (low frequency), 1/2 lb. (high frequency). Voice coil diameter: 5" (low frequency), 1 1/4" high frequency. The exponential multi-cellular high frequency horn distributes sound 90° horizontally and 40° vertically. Impedance: 16 ohms. Shpg. wt., 44 lbs.

GS-400WX.	18.90 Down	Net 189.00
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### JANSZEN 250 WOOFER SYSTEM

One 12" cone woofer designed integrally with a 2.5 cu. ft. fiberglass-filled enclosure. Perfect complement with 130 tweeter. Response: 30-1000 cps. Power capacity: Over 100 watts peak on musical content. 16 ohms. Size: 28 x 24 1/4 x 14" (enclosure). Shpg. wt., 56 lbs.

GB-284WX. Birch	14.60 Down	Net 146.00
GB-285WX. Mahogany	14.60 Down	Net 146.00
GB-286WX. Block utility	12.80 Down	Net 128.00
GB-287WX. Walnut	14.80 Down	Net 148.00
MODEL 250 WOOFER—12" woofer. Shpg. wt., 20 lbs.		
GS-501	7.00 Down	Net 69.75

MODEL 350 WOOFER—The ideal companion for Janszen electrostatic tweeters. 11" cone speaker for 2.2 cu. ft. or larger fiberglass-filled enclosures. 30-2000 cps response, 3.25 lb. magnet structure, power capacity to 100 watts peak. 8 ohms. Shpg. wt., 15 lbs.

GS-500	4.45 Down	Net 44.50
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### Z-300 SPEAKER SYSTEM

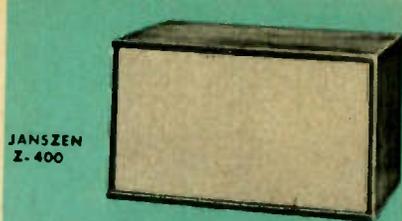
An excellent combination of the Model 65 tweeter and Model 350 woofer in a high quality, compact enclosure. Consists of two electrostatic radiators and associated power supply, plus the 11" woofer with 3 1/2 lb. magnet, in a 2.2 cu. ft., fiberglass-filled enclosure. Response 30-30,000 cps at up to 100 watts peak program material. High-frequency dispersion of 60° accomplished by precisely positioned tweeters. 8 ohms impedance. Cabinet size 28" H x 20" W x 13" D. Power cord input 117V, 50-60 cycles, 2 watts. Shpg. wt., 58 lbs.

GB-289WX. Mahogany	19.98 Down	Net 199.75
GB-290WX. Birch	19.98 Down	Net 199.75
GB-291WX. Walnut	20.35 Down	Net 203.50

### Z-400 SPEAKER SYSTEM

An inexpensive wide range speaker system. Well suited to the budget limitations of stereo as well as monophonic hi-fi systems. The well-known Janszen electrostatic tweeter is acoustically paired with the special 11" Model 350 dynamic woofer. The Z-400 covers the range from 30 to beyond 30,000 cps with exceptional uniformity and low distortion. A built-in power supply and high pass filter eliminates the need for external crossover networks or attenuators. The compact, self-mounted enclosure may be placed horizontally or vertically as desired. Size: 15 x 26 x 13 1/2". Shpg. wt., 50 lbs.

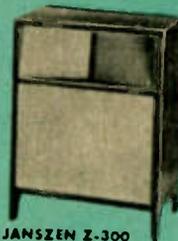
GB-292WX. Birch	14.95 Down	Net 149.50
GB-293WX. Mahogany	14.95 Down	Net 149.50
GB-294WX. Oil Walnut	14.95 Down	Net 149.50
GB-295WX. Walnut	14.95 Down	Net 149.50
GB-296WX. Unfinished	13.45 Down	Net 134.50



JANSZEN Z-400



JANSZEN 130



JANSZEN Z-300



MODEL 65



TANNOY 12" WOOFER



JANSZEN 350 WOOFER



TANNOY TWEETER



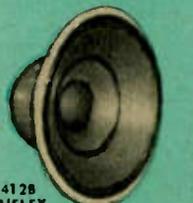
12" MONITOR



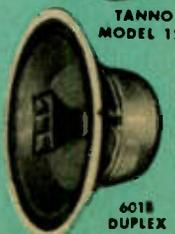
605A DUPLEX



TANNOY MODEL 12DR



412B BIFLEX



601B DUPLEX

### TANNOY 12DR WIDE RANGE

New wide range direct radiator speaker. Response — 4 db from 40-14,000 cps, usable 30-17,000 cps. 35 cps resonance, handles 15 watts, 20 ohm impedance. 12 1/2" overall dia, 7" deep. Used by itself, can be lo'er used as midrange speaker in 3 way system using woofer, tweeter and crossovers. Shpg. wt., 15 lbs.

GS-380	7.90 Down	Net 79.00
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### TANNOY 12" WOOFER

Low frequency woofer with specially rigid cone. 15 ohm impedance, response down to 30 cycles. Recommended crossover frequency 1700 cps. Resonant frequency 35 cps. 12 1/2" dia. x 7 1/2" deep. 15 watts power capacity. Shpg. wt., 10 lbs.

GS-381	7.88 Down	Net 78.75
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15" WOOFER — 25 watts, 1000 cps crossover. Shpg. wt., 20 lbs.

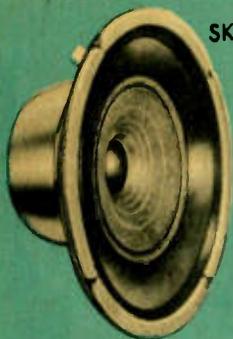
GS-382WX	12.38 Down	Net 123.75
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### HIGH FREQUENCY TWEETER

Horn-loaded high frequency unit has response from 1000 to 20,000 cps. Impedance: 15 ohms. Power Capacity: 15 ohms. Shpg. wt., 14 lbs.

GS-383	8.60 Down	Net 86.00
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## NEW! LAFAYETTE 8" DUO-CONE HI-FI SPEAKER



SK-98

You be  
the  
Judge!

**9.95**

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

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 crossover, 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., 4 1/4" deep and requires 6 1/4" diam. baffle opening. Shpg. wt., 5 1/2 lbs.  
SK-98 8" 2-WAY SPEAKER ..... Net 9.95  
2 FOR STEREO ..... Only 18.95 Net

## NEW! 6 1/2" COAXIAL HI-FI SPEAKER



SK-97

You be  
the  
Judge!

**6.95**

- OVERALL RESPONSE 50-16,000 CPS.
- SPACE SAVING & ECONOMICAL FOR STEREO
- BUILT-IN LC NETWORK
- LARGE, HEAVY MAGNETS

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 6 1/2" woofer is equipped with large, heavy magnets 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 small size 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 5 1/2" diam. cutout. Size is 6 1/2" diam., 3 1/4" deep. Shpg. wt., 3 1/2 lbs.  
SK-97 6 1/2" COAXIAL SPEAKER ..... Net 6.95  
2 FOR STEREO ..... only 12.95 Net

## THE WIDELY ACCLAIMED SK-58 12" COAXIAL SPEAKER

Now Offered Exclusively By Lafayette At

### Tremendous Savings

SUPERB PERFORMANCE GUARANTEED  
—OR YOUR MONEY BACK!

## THE WORLD-RENOWNED LAFAYETTE SK-58

- RESPONSE 30-15,000 CPS
- SHEEPSKIN "FREE EDGE" CONE MOUNTING
- 1 1/4 LB MAGNET WEIGHT
- 3" COAXIALLY MOUNTED TWEETER
- BUILT-IN LC NETWORK
- RATED AT 20 WATTS CONTINUOUS POWER



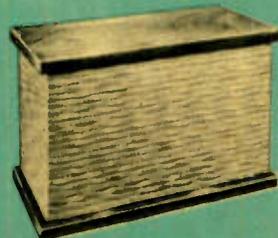
REG. 44.50

**29.50**

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 in 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; 3/4" 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 cross-over 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-58 12" COAXIAL SPEAKER ..... Net 29.50

## LAFAYETTE DUCTED-PORT BASS REFLEX SPEAKER ENCLOSURE



- 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 lang duct over the usual bass-reflex port for performance equal to many enclosures of much greater size. Only 11 1/2" 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. Shpg. wt., 15 lbs.

CAB-29W Blonde Mahogany, Mahogany, or Walnut Enclosure.  
Please specify your choice. .... Net

**14.50**

# Lafayette Presents

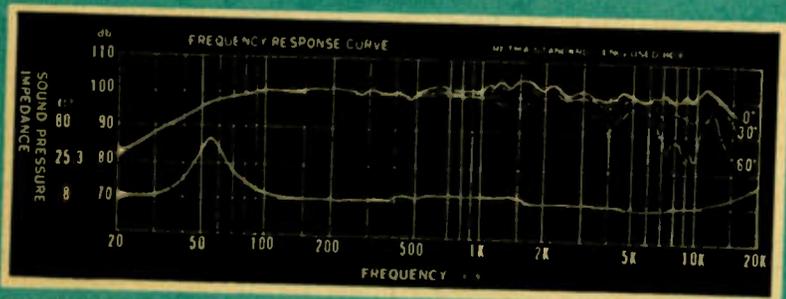
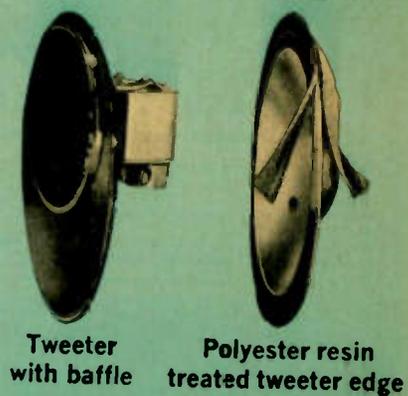
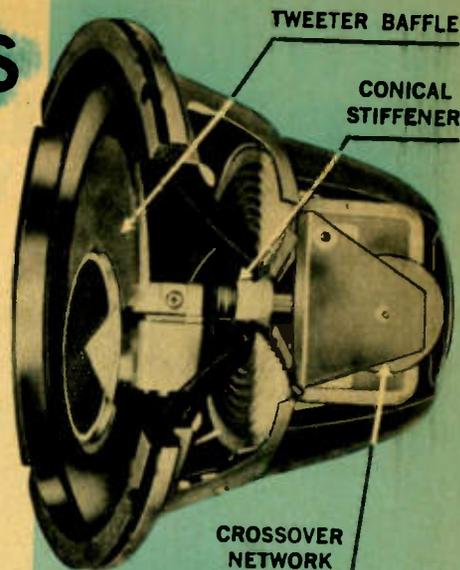
## THE NEW ULTRA-LINEAR SK-128 FULL RANGE 8-INCH DUAXIAL SPEAKER WITH NEWLY DEVELOPED TWEETER BAFFLE DESIGN.

- 40 TO 16,000 CPS—FLAT WITHIN 3 DB ■ HIGH EFFICIENCY
- HIGH EXCURSION WOOFER WITH UNIQUE "CONICAL STIFFENER"
- HANDLES HEAVY BASS PASSAGES WITHOUT "DOUBLING"

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

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 manual 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. 8-5/32". Overall Depth: 5-17/32". Baffle cut-out: 7-1/32". Rugged, vibration-free speaker frame with color-coded screw-type terminals for quick, easy connection of amplifier leads. Shpg. wt., 5 lbs. **SK-128 Full Range 8" Duaxial Speaker .....Net 19.50**



### 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. Shpg. wt., 28 lbs.

- 8Y-343WX Speaker System In Walnut .....Net 39.50
- 8Y-344WX Speaker System In Mahogany .....Net 39.50
- 8Y-345WX Speaker System In Blonde .....Net 39.50
- 8Y-346WX Speaker System In Oiled Walnut .....Net 39.50
- 8Y-347WX Speaker system in unfinished birch .....Net 37.50

SAVE MORE WITH LAFAYETTE'S OWN HIGH FIDELITY EQUIPMENT. . . .



# NEW REVOLUTIONARY HIGH-FREQUENCY SPEAKER

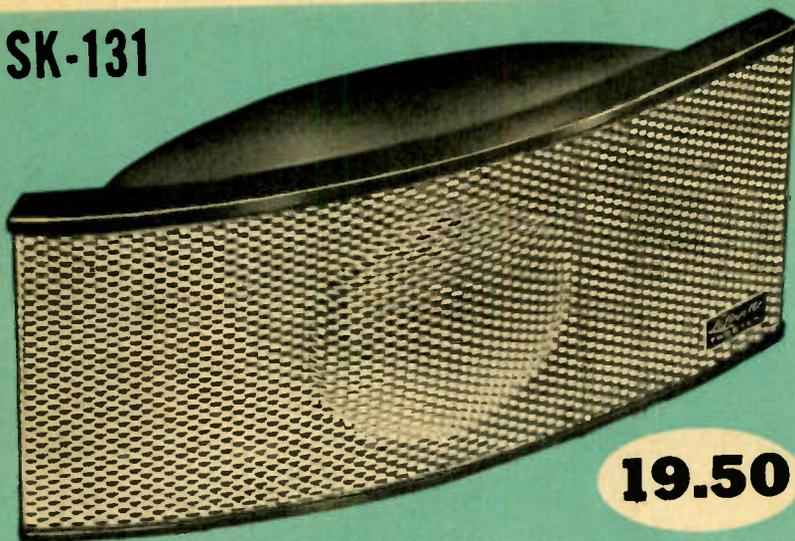
## THE NEW LAFAYETTE

### HIGH FREQUENCY SUPER TWEETER

*Sphericon*

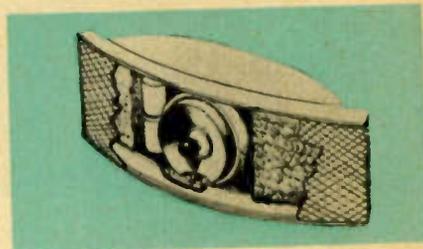
THE MOST SIGNIFICANT  
ADVANCE IN TWEETER DESIGN  
OF THE STEREO AGE

SK-131



19.50

- FREQUENCY RESPONSE FROM 3,000 CPS TO BEYOND 40,000 CPS.
- UNIFORM DISPERSION OVER 120° IN ALL DIRECTIONS
- HIGH-SENSITIVITY ALLOWS USE WITH ANY 4-16 OHM SPEAKER
- UNIQUE DOMED PHONELIC DIAPHRAM
- POWER CAPACITY 30 WATTS
- REQUIRES NO HIGH VOLTAGE OR POWER SUPPLY



At long last the breakthrough in High-Frequency Speaker design. Here is a tweeter with unequalled performance, engineered for today's high compliance stereo speaker systems. The Lafayette Sphericon represents a complete departure from Electrostatic tweeters, which are extremely inefficient — indeed so much so that it is often necessary to utilize an L-pad on the woofer in order to hear the tweeter properly, thereby lowering the efficiency of the woofer to the same level as that of the Electrostatic tweeter. In the case of many high compliance low effi-

ciency units this is disastrous, as an already inefficient speaker is made even less efficient. The Lafayette Sphericon, due to its high sensitivity may be coupled to any speaker system with no loss in speaker efficiency. As a result less amplification is needed assuring lower distortion. Equipped with a built-in 3000 cycle crossover network the Sphericon produces a smooth linear response from 3,000 cps to beyond 40,000 cps; within plus or minus 1 db from 3000 cps to supersonic frequencies. A specially designed domed phenolic diaphragm delivers

phenomenally smooth, silky, faithful high radiating a pattern of 120° in all directions, vertically as well as horizontally—with no trace of stridency or harshness. Power capacity is 30 watts. May be used with any 4-16 ohm speaker. Beautifully styled with an acoustically designed gold anodized aluminum grill set in a sturdy satin black plastic case. Shpg. wt., 3 1/2 lbs.

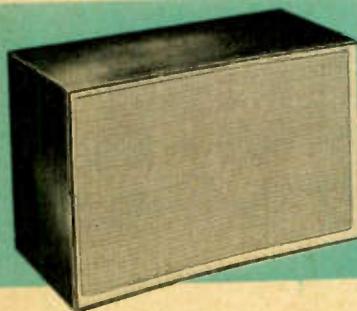
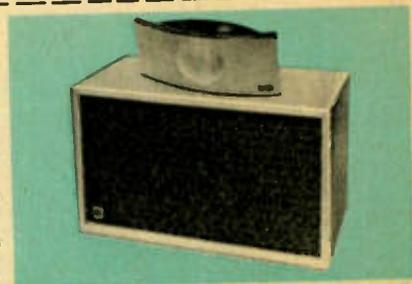
SK-131—LAFAYETTE SPHERICON SUPER TWEETER .....  
Net 19.50

## LAFAYETTE *Sphericon* TWEETER AND ACOUSTIC RESEARCH AR-2 SPEAKER SYSTEM

SPHERICON EXTENDS THE RESPONSE OF YOUR AR SPEAKER TO BEYOND 40,000 CPS

AR-2 10" Acoustic suspension speaker and tweeter assembly, 42-14,000 cps.  $\pm 5$  db; Size 13 1/2" x 11" x 24". Shpg. wt., 52 lbs.  
Lafayette SK-131 Sphericon Tweeter and AR-2 Mahogany Finish ..... Only 9.86 Down ..... Net 98.60  
Lafayette SK-131 Sphericon Tweeter and AR-2

Walnut Finish  
SY-340 WX ..... Only 10.30 Down ..... Net 103.00  
Lafayette SK-131 Sphericon Tweeter and AR-2 Karina (Blond) Finish  
SY-341 WX ..... Only 11.30 Down ..... Net 113.00  
Lafayette SK-131 Sphericon Tweeter & AR-2 Unfinished  
SY-342 WX ..... Only 9.26 Down ..... Net 92.65



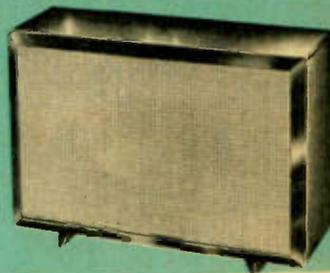
New! LAFAYETTE  
EXTENSION  
SPEAKER

\$5.75

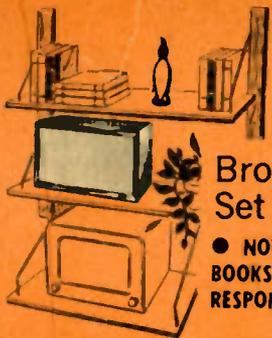
Now you can receive high quality reproduction from your small transistor radio. Attractively finished in hand-rubbed mahogany, this extension speaker simply plugs into earphone output jack of your transistor radio. Also may be used as an extension speaker for your Phonograph, T.V. or Table Radio. Complete with length of wire and miniature phone plug. Dimensions: 9 1/2" L x 6" H x 4 1/4" D.  
SK-129 EXTENSION SPEAKER ..... NET 5.75

New! LAFAYETTE  
MINIATURE HI-FI  
SPEAKER & ENCLOSURE

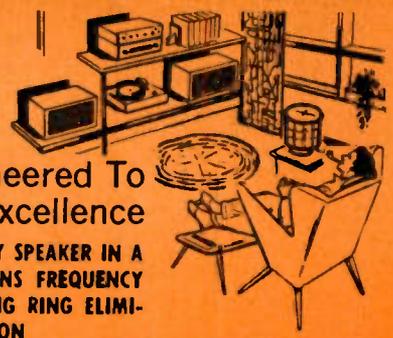
\$6.95



Good things come in small packages! You'll agree when you see and hear this amazing speaker system. Use it as an extension speaker, as the second unit in a stereo set-up, or in pair (for a low-power stereo installation.) Moused in a beautiful mahogany-finished wood cabinet with ventilated back cover, the 5-watt 4" x 6" 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" wide x 7 1/4" high (inc. feet) x 3 1/2" deep. Shpg. wt., 5 lbs.  
SK-109 Miniature Speaker System ..... Net 6.95



# THE ELIPTOFLEX



Brought To You By Lafayette Research—Engineered To Set A New Standard Of Speaker Enclosure Excellence

- NOW IT IS POSSIBLE TO HAVE ALL THE ADVANTAGES OF A HIGH EFFICIENCY SPEAKER IN A BOOKSHELF SIZE ENCLOSURE
- NEWLY DESIGNED ELLIPTICAL PORT BROADENS FREQUENCY RESPONSE AND PROVIDES BETTER TRANSIENT RESPONSE
- NEW DIFFRACTING RING ELIMINATES CANCELLATION EFFECTS BETWEEN FRONT AND REAR RADIATION

**THE PROBLEM:** With the advent of stereo, the use of two massive unwieldy speaker systems became unfeasible in most of today's combination living room—music room areas. One answer to this problem was the air-tight bookshelf speaker systems of which there are many excellent variations. However this design is inherently inefficient and requires costly high wattage amplification.

**THE SOLUTION:** The "Eliptoflex" is the latest development from Lafayette's acoustic laboratories. It is the result of an intensive research program to develop a bookshelf enclosure that may be utilized with any efficient 12" full range, coaxial or triaxial speaker. It may also be used with a 12" woofer, separate tweeter and crossover. Utilized with a proper speaker the "Eliptoflex" achieves a degree of natural smoothness coupled with low distortion and a rich, robust bass hitherto found only in large speaker consoles or inefficient bookshelf systems many times its price powered by large amplifiers. With the "Eliptoflex" there is no need for costly high wattage amplification due to its highly efficient design characteristics.

There are two departures from convention which con-

tribute to the excellence of the "Eliptoflex" performance: one, the elliptical port, and two, the diffracting ring. 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 provides an extremely smooth transition from duct to free air; broadens the frequency response at which it is effective and provides better transient response. Mixing the front and rear radiation from the loudspeaker diaphragm in this manner produces a truly coaxial presentation over the complete frequency spectrum. The tonal unity is such that no separation of source can be detected between high, middle and low frequencies. 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. The result is 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 demonstrably superior throughout the audio spectrum.

The "Eliptoflex" is beautifully finished in a variety of hardwood veneers for attractive room placement. Dimensions are 14" H x 23-7/16" W x 13-5/16" D. Shpg. wt., 24 lb.

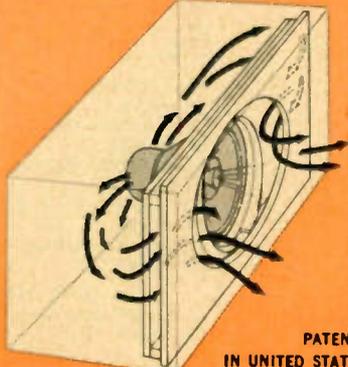
CAB-41WX "ELIPTOFLEX" (mahogany) ..... Net 32.50  
 CAB-42WX "ELIPTOFLEX" (walnut) ..... Net 32.50  
 CAB-43WX "ELIPTOFLEX" (blond) ..... Net 32.50  
 CAB-52WX "ELIPTOFLEX" (oiled walnut) ..... Net 32.50

Finished on 4-sides for either horizontal or vertical placement.

CAB-83WX "ELIPTOFLEX" (mahogany) ..... Net 36.50  
 CAB-84WX "ELIPTOFLEX" (walnut) ..... Net 36.50  
 CAB-85WX "ELIPTOFLEX" (blond) ..... Net 36.50  
 CAB-86WX "ELIPTOFLEX" (oiled walnut) ..... Net 36.50

Set of attractive Wood Runner Feet attaches on horizontal or vertical sides. Adds 1" height. Shpg. wt., 1 lb.

CAB-44W (mahogany) ..... Net 1.45  
 CAB-45W (walnut) ..... Net 1.45  
 CAB-46W (blond) ..... Net 1.45



PATENTS APPLIED FOR IN UNITED STATES, ENGLAND AND CANADA

STOCK #	ENCLOSURE	SPEAKER	REG. PRICE	SPECIAL PRICE
SY-302WX	CAB-41WX	LAFAYETTE-SK-58W	62.00	59.00 ea. 115.00 for 2
SY-303WX	CAB-42WX			
SY-304WX	CAB-43WX			
SY-305WX	CAB-52WX			
SY-306WX	CAB-41WX	LAFAYETTE-GOODMANS SK-110WX	80.00	79.50 ea. 153.00 for 2
SY-307WX	CAB-42WX			
SY-308WX	CAB-43WX			
SY-308WX	CAB-52WX			
SY-310WX	CAB-41WX	LAFAYETTE-GOODMANS SK-112WX	102.00	97.50 ea. 190.00 for 2
SY-311WX	CAB-42WX			
SY-312WX	CAB-43WX			
SY-313WX	CAB-52WX			
SY-314WX	CAB-41WX	LAFAYETTE-GOODMANS SK-114WX	112.00	109.50 ea. 210.00 for 2
SY-315WX	CAB-42WX			
SY-316WX	CAB-43WX			
SY-317WX	CAB-52WX			
SY-318WX	CAB-41WX	UNIVERSITY 312	104.04	89.50 ea. 173.00 for 2
SY-319WX	CAB-42WX			

STOCK #	ENCLOSURE	SPEAKER	REG. PRICE	SPECIAL PRICE
SY-320WX	CAB-43WX	UNIVERSITY 312	104.04	89.50 ea. 173.00 for 2
SY-321WX	CAB-52WX			
SY-322WX	CAB-41WX	UNIVERSITY UC-122	67.29	59.95 ea. 113.00 for 2
SY-323WX	CAB-42WX			
SY-324WX	CAB-43WX			
SY-325WX	CAB-52WX			
SY-326WX	CAB-41WX	JENSEN H223F	105.00	89.95 ea. 175.90 for 2
SY-327WX	CAB-42WX			
SY-328WX	CAB-43WX			
SY-329WX	CAB-52WX			
SY-330WX	CAB-41WX	ELECTRO-VOICE 12TRXB	97.18	82.50 ea. 159.00 for 2
SY-331WX	CAB-42WX			
SY-332WX	CAB-43WX			
SY-333WX	CAB-52WX			
SY-334WX	CAB-41WX	ELECTRO-VOICE SP12B	66.80	59.95 ea. 113.00 for 2
SY-335WX	CAB-42WX			
SY-336WX	CAB-43WX			
SY-337WX	CAB-52WX			



LAFAYETTE SPEAKER ENCLOSURES ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

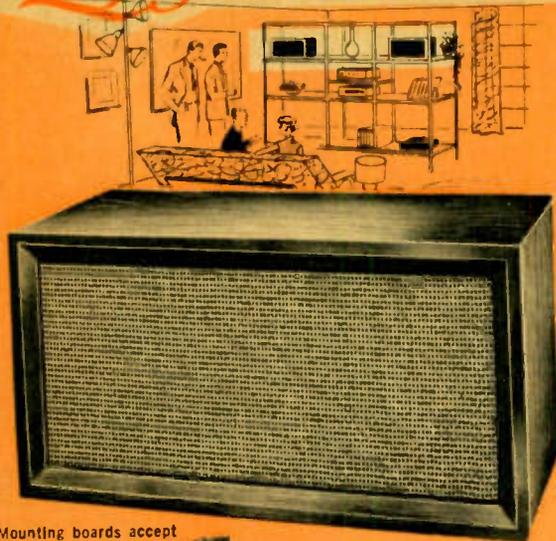
Lafayette's

# AMAZING NEW MINI-DUCT

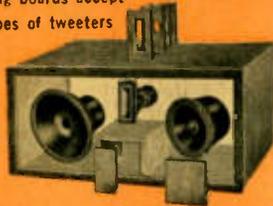
A universal ducted-port bookshelf enclosure engineered for use with 1, 2 or 3-way speaker systems.

- 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 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. Designed for attractive placement anywhere in your home with dimensions 23" W x 11 1/2" H x 11 1/2" D. Shpg. wt., 23 1/2 lbs.



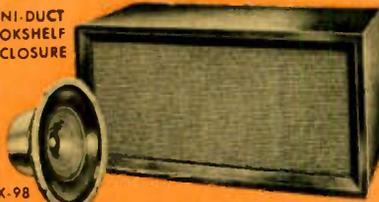
Mounting boards accept all types of tweeters



22<sup>50</sup>

ONLY 5.00 DOWN  
5.00 MONTHLY

MINI-DUCT BOOKSHELF ENCLOSURE



29<sup>50</sup>

ONLY 5.00 DOWN  
5.00 MONTHLY

SK-98

CAB-47WX MINI-DUCT IN WALNUT .....	NET 22.50
CAB-48WX MINI-DUCT IN MAHOGANY .....	NET 22.50
CAB-49WX MINI-DUCT IN BLONDE .....	NET 22.50
CAB-50WX MINI-DUCT IN OILED WALNUT .....	NET 22.50
CAB-51WX MINI-DUCT UNFINISHED BIRCH .....	NET 19.50
Mini-Duct Enclosure finished on 4 sides for attractive horizontal or vertical placement. Choice of mahogany or walnut.	
CAB-105WX Mahogany .....	NET 24.95
CAB-106WX Walnut .....	NET 24.95

### 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 true coaxial speakers or multiple speaker systems. Shpg. wt., 29 1/2 lbs.

COMBINATION UNFINISHED "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER		
SY-348WX .....	5.00 Down	NET 26.50
COMBINATION MAHOGANY "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER		
SY-349WX .....	5.00 Down	NET 29.50
COMBINATION WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER		
SY-350WX .....	5.00 Down	NET 29.50
COMBINATION OILED WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER		
SY-351WX .....	5.00 Down	NET 29.50
COMBINATION BLONDE "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER		
SY-352WX .....	5.00 Down	NET 29.50

### SK-98 SPEAKER AND MINI-DUCT FINISHED ON 4 SIDES

SY-377WX MAHOGANY .....	5.00 Down	NET 31.95
SY-378WX WALNUT .....	5.00 Down	NET 31.95

## SOLVE THE SPACE PROBLEM WITH NEW! LAFAYETTE

# TRIOSONIC

### BOOKSHELF SPEAKER SYSTEM

- FOR BOTH STEREO & MONAURAL
- FREQUENCY RESPONSE 35 TO 18,000 CPS
- UNIQUE 8" WOOFER-MIDRANGE ASSEMBLY
- COMPRESSION — HORN TWEETER
- 6 DB PER OCTAVE ELECTRONIC CROSSOVER WITH LEVEL CONTROL
- SOLID 3/4" VENTED DUCT PORT BOOKSHELF ENCLOSURE

"Triosonic" The perfect blending of attractive bookshelf cabinetry and advanced audio design (years ahead of other engineering efforts along these lines). The exceptional smoothness and cleanliness of the bass and mid-range is the product of a unique 8" woofer-midrange speaker design employed in a solid 3/4" acoustically lined vented duct port enclosure. Two separate cones are coupled through a common voice coil, with the outer edge of the midrange cone attached and floating on the flexible corrugated edges of the woofer cone. This results in a mechanical crossover with an absolute minimum of distortion, so that both cones operate in phase of low frequencies, but only the midrange cone transmits the mid-

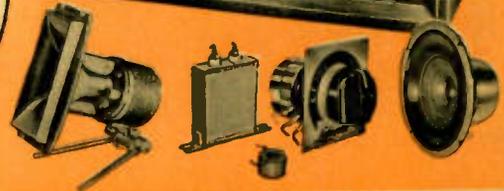
quencies. The heavy magnets provide high efficiency and excellent transient characteristics. Smooth extended high frequencies are brilliantly reproduced by use of a compression horn tweeter utilized with an electronic crossover and level control provided for balancing the system according to individual listening tastes. Impedance 8-16 ohms. Integrated power handling capacity 20 Watts. Dimensions: 23" W x 11 1/2" H x 11 1/2" D. Complete with easy to follow speaker installation instructions. Shpg. Wt., 32 lbs.

BOOKSHELF SPEAKER SYSTEM UNFINISHED	
Y-353WX .....	5.00 Down ..... Net 39.95



42<sup>50</sup>

ONLY 5.00 DOWN  
5.00 MONTHLY



BOOKSHELF SPEAKER SYSTEM MAHOGANY FINISH		
SY-354WX .....	5.00 Down	NET 42.50
BOOKSHELF SPEAKER SYSTEM WALNUT FINISH		
SY-355WX .....	5.00 Down	NET 42.50
BOOKSHELF SPEAKER SYSTEM OILED WALNUT FINISH		
SY-356WX .....	5.00 Down	NET 42.50
BOOKSHELF SPEAKER SYSTEM BLONDE FINISH		
SY-357WX .....	5.00 Down	NET 42.50
WITH ENCLOSURE FINISHED ON 4 SIDES		
SY-379WX MAHOGANY .....	5.00 Down	NET 44.95
SY-380WX WALNUT .....	5.00 Down	NET 44.95

# A SMALL MIRACLE FROM

*Lafayette*

## —THE NEW SK-124 ULTRA-COMPLIANCE MECHANICAL 2-WAY SPEAKER SYSTEM

- FREQUENCY RESPONSE 40-16,000 CPS
- ESPECIALLY DESIGNED VENTED, TUNED, DUCT TYPE ENCLOSURE
- UNIQUE MECHANICAL 2-WAY SPEAKER WITH EXTRA HEAVY MAGNET
- ENCLOSURE FINISHED ON 4 SIDES
- EXCELLENT FOR STEREO

OUTPERFORMS  
SPEAKERS DOUBLE  
LAFAYETTE'S LOW PRICE

**\$17.50** Only 5.00  
Down —  
5.00  
Monthly

Lafayette has indeed wrought a small miracle in engineering such acoustic excellence into so small a package. Smooth, distortion free response with a deep fundamental bass and clean pure highs that give no indication of its small size and price. The perfect speaker for that high quality installation in your home, office or restaurant—two are ideal for stereo.

The speaker features unique dual cone construction with an extra heavy magnet structure. Both tweeter and woofer "float" on flexible, corrugated edge with the outer edge of the tweeter cone attached to the mid-section of the woofer cone. This results in a mechanical crossover so that both cones operate in phase at low frequencies, but only the tweeter cone operates at high frequencies. The same type of wide-range frequency response normally found only in true coaxial or multiple speaker systems is provided. Frequency response of 40-16,000 cps. Impedance 8-16 ohms. Cabinet is finished on 4-sides in hand-rubbed veneer for attractive horizontal or vertical placement anywhere in the room. Dimensions are 10 1/2" H x 18-7/16" L x 8-7/16" D. Shpg. wt., 15 lbs.

AVAILABLE IN MAHOGANY OR WALNUT (PLEASE SPECIFY).

SK-124 W MECHANICAL 2-WAY SPEAKER SYSTEM ..... Net 17.50  
SET OF TWO SK-124 W SPEAKER SYSTEMS FOR STEREO ..... Net 34.00



If true-fidelity in music is important to you.....

## NEW! *Lafayette* HIGH COMPLIANCE 3-WAY

### BOOKSHELF SPEAKER SYSTEM

NEW  
LAFAYETTE  
MINI-DUCT  
ENCLOSURE



- FREQUENCY RESPONSE FROM BELOW 35 TO 18,000 CPS.
- ADVANCED DESIGN 8" HIGH COMPLIANCE WOOFER WITH 1 LB. MAGNET & 1 1/4" VOICE COIL
- 3-WAY LC ELECTRONIC CROSSOVER NETWORK
- PERFECT FOR STEREO

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" Mid-range 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 at 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 23" W x 11 1/2" H x 11 1/4" D. Complete with easy to follow speaker assembly instructions. Shpg. wt., 33 lbs.

**49.95**  
5.00 Down  
5.00 Monthly

SY-358WX 3-WAY BOOKSHELF SPEAKER SYSTEM UNFINISHED BIRCH ..... NET 46.95  
SY-359WX 3-WAY BOOKSHELF SPEAKER SYSTEM MAHOGANY ..... NET 49.95  
SY-360WX 3-WAY BOOKSHELF SPEAKER SYSTEM WALNUT ..... NET 49.95  
SY-361WX 3-WAY BOOKSHELF SPEAKER SYSTEM OILED WALNUT ..... NET 49.95  
SY-362WX 3-WAY BOOKSHELF SPEAKER SYSTEM BLONDE ..... NET 49.95  
FINISHED ON 4-SIDES  
SY-375WX 3-WAY BOOKSHELF SPEAKER SYSTEM MAHOGANY ..... NET 52.40  
SY-376WX 3-WAY BOOKSHELF SPEAKER SYSTEM WALNUT ..... NET 52.40

# Lafayette HI-FI SPEAKERS AT POCKET BOOK PRICES

## 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. Shpg. wt., 13 lbs. Cone Resonance 45 cycles.

SK-135 W. Net 17.95

## 12" COAXIAL HI-FI SPEAKER

Some construction, wattage and magnet weight as above. Response: 40-20,000 cps. Cone resonance 50 cycles. Shpg. wt., 12 lbs.

SK-136 Net 14.95

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

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

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; permanent 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 hammerloid finish. Voice coil impedance 8 ohms. Outside diameter 12-3/16", mounting diameter 11-9/16", depth 6 3/4". Color-coded brass solderless binding-post terminals. Shpg. wt., 7 lbs.

SK-137 Net 14.95

## 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 150-13,000 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 responses: 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. Shpg. wt., 4 lbs.

SK-69 Net 6.25

## 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. Shpg. wt., 4 lbs.

SK-74 Net 6.50

## 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 of rotated 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. Binding post-type terminals. Shpg. wt., 3 lbs.

SK-138\* Net 5.25



SK-135



SK-137



SK-69



SK-74



SK-138\*

## 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.



## 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 its fine performance. 8 ohm voice coil. Shpg. wt., 6 lbs.

SK-92 LAFAYETTE ECONOMY SPECIAL! Net 5.95

## 12" COAXIAL 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

## ECONOMY 15" COAXIAL HI-FI SPEAKER

• RATED AT 20 WATTS  
• 5" TWEETER  
• BUILT-IN 1800 CPS CROSSOVER  
• RESPONSE 45-12,000 CPS

This dual-speaker system provides clean, extended response of 45 to 12,000 cps. Includes 15" woofer with coaxially mounted 5" tweeter and built-in 1800 cps crossover. Heavy, non-resonant frame, anti-corrosion treated; 6.8 oz. Alnico 5 magnet, 8 ohm voice coil. 20 watts power rating. Shpg. wt., 11 lbs.

SK-89W\* Net 12.95

## 15" HI-FI WOOFER

• 31.5 OZ. 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. 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 system 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. Shpg. wt., 8 lbs. Cone Resonance 50 cycles.

SK-68 Net 15.50

## 5-INCH TWEETER

A fully enclosed high-frequency tweeter. Clean, with extended high frequency response of 600 to 15,000 cps and crossover frequency of 1500-3500 cps, this tweeter will handle output of amplifiers up to 25 watts. Voice coil dia. 3/4"; impedance 8 ohms; rugged seamless cone — inherently moisture resistant; 3.16 oz. Alnico V magnet, with built-in crossover network. Shpg. wt., 2 1/4 lbs.

SK-72\* Net 5.25

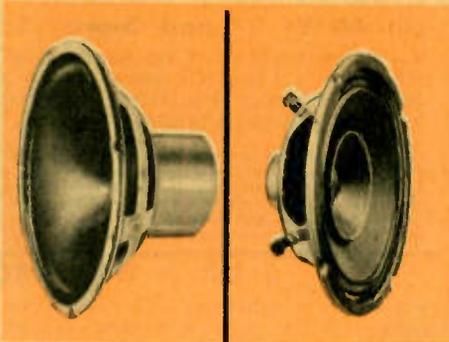
# Lafayette SPECIAL HI-FI SPEAKER VALUES

## 12" PM SPEAKER

- "BEST BUY" FOR HIGH FIDELITY MUSIC AND PUBLIC ADDRESS USE
- 25 WATTS POWER RATING

Here's an excellent fidelity, powerful 12" PM speaker that is by far the best buy available for any comparable speaker with the same performance capabilities. Highly recommended for replacement use or original installation in top quality radio-phonograph installations. Ideal for PA use. Handles 25 watts of power without any distortion. Response assured over the range from 50 to 10,000 cps. Alnico V magnet alone weighs 9 ounces. Precision formed aluminum base voice coil. Voice coil impedance, 8 ohms. Perfectly aligned coil and molded cone construction. Shpg. wt. 8 lbs.

P19299 — 25 watt, 12" PM Speaker..... Net 14.95



## 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 8 watts. Size: O.D. 8 3/32"; Mtg. hole dimensions 7-11/16"; 3-13/32" deep; Brown enamel over heavily plated steel. Shpg. wt. 2 lbs.

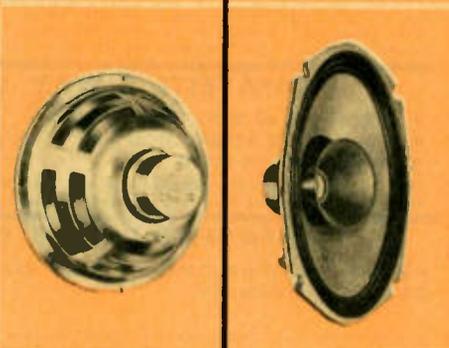
SK-106 ..... Net 4.65

## 12" GE HI-FI PM SPEAKER

- HANDLES 25 WATTS
- ALUMINUM VOICE COIL

This GE deluxe speaker was designed by audio engineers to meet the high standards of performance so essential to high fidelity and for dependability and durability. The 14.5 oz. Alnico 5 magnet produces a dense magnetic field with resultant optimum sensitivity and damping factor. The aluminum base voice coil is unaffected by moisture and temperature variations and eliminates buzzing. Exceptionally wide frequency range—50 to 15,000 cycles which may be extended to 30 cycles in properly designed enclosures. Free air resonance 65 CPS. The voice coil has a 1 1/4" diameter and 8 ohms impedance. This speaker, which scientific listening tests indicate can outperform speakers costing several times as much, is ideal for moderate-cost hi-fi custom installations. Shpg. wt., 7 lbs.

SK-60 ..... Net 17.95



## 6" x 9" 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 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 8 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 6-3/8" x 9-5/16"; Mtg. hole dimension are 4-5/8" x 6-9/16"; Depth is 3-7/16". Shpg. wt. 2 lbs.

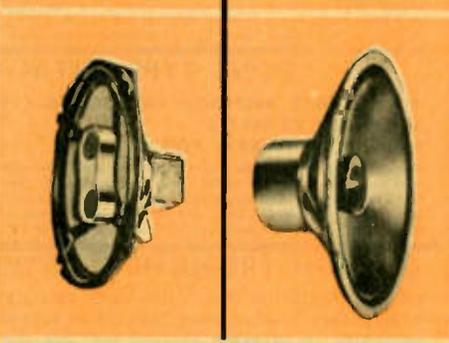
SK-107 ..... Net 4.95

## 6x9 "Twin-Tweeter" COAXIAL HI-FI SPEAKER

- EXCELLENT BASS RESPONSE
- BUILT-IN CROSSOVER
- ADD HI-FI TO AUTOS, TV, RADIO SETS

This 6" x 9" hi-fi coaxial speaker opens new possibilities for high-fidelity reproduction. Compact enough for your car, for radio and television sets—and for the high-fidelity enthusiast with a space problem. Twin high-frequency tweeters are designed to cross over mechanically at 5000 cps. The excellent bass characteristics of the 6 x 9 woofer faithfully reproduce the low frequencies. High-energy Alnico 5 magnet; voice coil 3/4" diam. Power handling capacity 6 watts (9 watts on peaks). 4" deep. Impedance 3.2 ohms. Shpg. wt., 2 1/2 lbs.

SK-75 — 6" x 9" hi-fi speaker..... Net 7.95



## ROYAL DANISH 12" DUAL CONE SPEAKER

- HIGH FLUX DENSITY

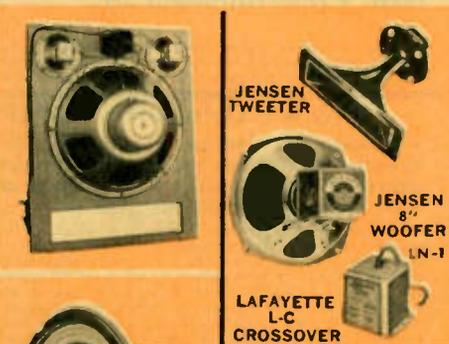
Lafayette brings you this fine imported high fidelity speaker at a fraction of the price you would expect to pay for so much quality. Two cones are mounted on a single axis, and provide remarkable wide range frequency response from 45 to 14,000 cps. Reproduction of program material is exceptionally lifelike 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, 5-3/16". Completely enclosed. 1" diameter voice coil with an impedance of 6 ohms. Shpg. wt., 6 lbs.

SK-86. 12" Dual Cone Hi-Fi Speaker..... Net 7.95

## 15" 2 WAY SPEAKER SYSTEM

Mount this outstanding 2-way speaker system in a horn-loaded corner enclosure or in a bass reflex cabinet and enjoy full range musical reproduction, at an unusually low cost. System includes a Jensen 15" woofer; 2-5" tweeters; and the Lafayette LN-1 2000-cycle L/C crossover network. Baffle-board supplied is 19" x 24", of heavy 3/4" plywood, finished in brown stain. System frequency response 35 to 15,000 cps. 20 watts power handling capability. 8 ohms impedance. Shipped knocked-down, complete with all necessary instructions for easy assembly, plus mounting hardware and wire. Shpg. wt., 20 lbs.

SY-9 Speaker System..... Net 24.95



## 8" 2 WAY SPEAKER SYSTEM

Here is a speaker system that solves space and cost problems for the audiophile who wants a compact unit at a low price without sacrificing quality. When properly mounted in a suitable enclosure, this speaker system will give amazingly wide frequency response and exceptionally low distortion. Its small size makes it quite useful for built-in mounting in existing furniture. It is equally suited as the second speaker in an inexpensive add-on stereo system. Two systems are perfect for an exceptionally tiny (and inexpensive) stereo system for city-sized apartments. This system includes a special Jensen 8" woofer speaker with extremely smooth low frequency response, a compression driver horn tweeter which smoothly and easily reproduces up to the limits of audibility, and Lafayette's LN-1 1/4 section, 6 db/oct. 2000 cycle crossover network. Power handling capacity 20 watts in bass reflex enclosure, impedance 16 ohms. Shpg. wt., 8 lbs.

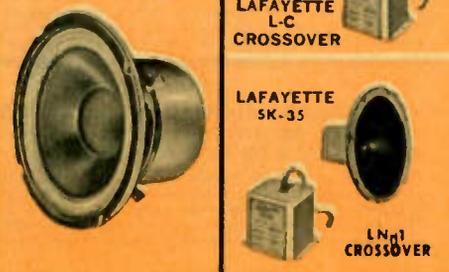
SY-94 Speaker System ..... Net 19.95

## LAFAYETTE 8" WOOFER

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

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. Shpg. wt., 4 1/2 lbs.

SK-164 ..... Net 10.50



## 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.

STOCK NO. SY-14 ..... Net 7.25

STOCK NO. LN-1 Crossover Network only..... Net 4.95

STOCK NO. SK-35 5" Tweeter only..... Net 2.45

LAFAYETTE IS FIRST WITH THE NEWEST IN HI-FI

Page 55

# Lafayette

## EXCLUSIVE CROSSOVER NETWORKS & TWEETERS

QUALITY COMPONENTS AT SAVINGS OF 33-50%



LN-5  
14.95



LN-7  
8.75



LN-1  
4.95



LN-2B  
7.95



MK-3  
5.95



MW-7  
14.95



SK-105  
8.95



SK-121  
SK-122  
2.95

### 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.

LN-5 Lafayette L/C CROSSOVER ..... Net 14.95

### 2 OR 3 WAY CROSSOVER NETWORK

- 4 CROSSOVER FREQUENCIES • 1 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 1/2" x 2 1/2" x 2 1/2". Shpg. wt., 2 1/2 lbs.

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 2-3000 cps 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 3 x 2 1/2 x 3". 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 acous-

tics 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 1/2" x 2 1/2" x 2 1/2" D. Complete with simplified instructions. Shpg. wt., 5 lbs.

LN-2B 2-Way Crossover Network With Control..... Net 7.95

### CONE TYPE METAL-CASED HI-FI TWEETER

- FREQUENCY RESPONSE 2000-16,000 CPS
- HANDLES 20 WATTS
- IMPORTED TO SAVE YOU MONEY

Without doubt one of the finest cone type high frequency tweeters we have ever tested, and it exceeded in performance only by diaphragm type tweeters. It is particularly efficient in the higher end of the audio spectrum where ordinary cone tweeters tend to lose clarity and vol-

ume. With this tweeter added to your present system, you will be able to hear all the fine transients and high notes of the upper register as they were actually recorded. Entirely enclosed in metal case with base for standing by itself, or mounting on a flat surface. Bracket is supplied for mounting on panel or in cabinet. Requires crossover network such as Lafayette LN-2. Diameter 3". Depth, 2 1/2". Voice coil impedance 8-16 ohms.

MK-3—Hi-Fi Tweeter—Shpg. wt., 4 lbs. .... Net 5.95

### HIGH FREQUENCY TWEETER WITH ACOUSTIC LENS

- DIRECT IMPORTATION MAKES THIS PRICE POSSIBLE!
- FREQUENCY RESPONSE FROM 2000 CPS TO BEYOND AUDIBILITY • LOUVERED ACOUSTIC LENS FOR UNIFORM SOUND DISPERSION • HANDLES 25 WATTS OF POWER • PRICED EXCEPTIONALLY LOW

New high frequency tweeter featuring a louvered 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 the 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 1/2" 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.

MW-7 ..... Net 14.95

### New! Lafayette COMPRESSION-HORN TWEETER

- RESPONSE 1500-16,000 CPS • 20 WATTS • EXPONENTIAL HORN • FOR 2-WAY, 3-WAY OR 4-WAY SPEAKER SYSTEMS • WIDE-ANGLE DISPERSION OF HIGHS • FOR TOP OR IN-CABINET MOUNTING

A high quality compression-driver tweeter in which careful engineering design and painstaking manufacturing precision are combined to provide a frequency response of 1500-16,000 cps, a continuous-duty rating of 20 watts, plus graceful styling to permit mounting on top of the speaker enclosure, or, optionally, within the enclosure. Vertical positioning of the mouth of the exponential horn provides widest dispersion of high frequencies at ear-

height. With chrome-plated fork-type swivel base. Flux density is a high 13,500 gauss for greatest efficiency; crossover range is 2800 cps or higher, with 4000-5000 cps recommended for 3-way systems; the wide, smooth response range permits it to be used with 2-, 3-, or 4-way speaker systems. The exponential horn is a heavy, one-piece casting non-resonant within the audible frequency range. Voice coil impedance is 8-16 ohms. Chrome-plated screw terminals for easy connections. Overall height with swivel stand is 4 1/2"; width 2 1/2"; behind-panel mounting requires a rectangular cutout (long axis vertical) 1 1/2" x 4-3/16". Shpg. wt., 3 lbs.

SK-105—Compression-driver Horn Tweeter ..... Net 8.95

### NEW! METAL CASED TWEETER

- FREQUENCY RESPONSE 3,000-16,000 CPS
- HANDLES 2D WATTS OF POWER
- CHOICE OF 8 OR 16 OHM IMPEDANCE

The modest price of this tweeter gives no indication as to its high quality. Smooth, silky reproduction of the high frequencies along with an even sound dispersion is insured by the use of the round cone. The tweeter assembly is protected by a heavy wire mesh screen and completely

enclosed in an attractive Satin Gold metal. As a result of the rear casing on the tweeter, speaker interaction between speakers has been eliminated allowing for the placement of the tweeter in the same enclosure with the woofer and mid-range speakers. Supplied with sturdy attached mounting stand and 2 1/2 ft. hook-up cord. Size 2 1/2" diam. x 2" deep. Shpg. wt., 2 1/2 lbs.

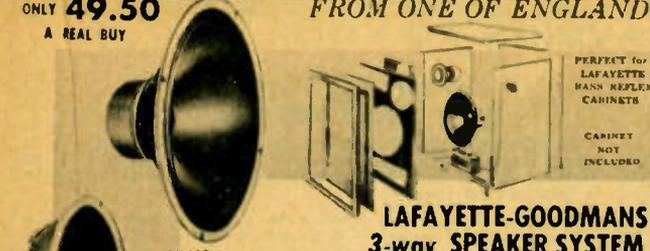
SK-121 8 ohm Tweeter ..... Net 2.95

SK-122 16 ohm Tweeter ..... Net 2.95

# NEW! LAFAYETTE-GOODMANS High Fidelity Speakers

ONLY **49.50**  
A REAL BUY

FROM ONE OF ENGLAND'S LEADING SPEAKER MFR'S!



## LAFAYETTE-GOODMANS 3-way SPEAKER SYSTEM

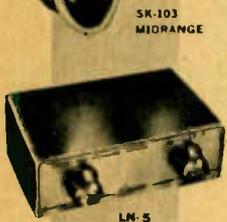
- HANDLES 30 WATTS • FAMOUS ENGLISH GOODMANS MADE 12" WOOFER 8 1/2" MIDRANGE COMPRESSION-DRIVER HORN TWEETER • LAFAYETTE L/C CROSSOVER NETWORK • SYSTEM RESPONSE 30-16,000 cps.

Here is an outstanding 3-way high fidelity speaker system which we are indeed proud to be able to offer. It includes a group of speakers custom-made for Lafayette by Goodmans, famous English manufacturer of some of the world's best high fidelity speakers. The system is ideal for installation in Lafayette bass reflex speaker enclosures, and provides the extremely wide range of 30 to 16,000 cps (8 db down at 20,000 cps) smoothly and without unpleasant peaks. Power handling capacity of the system is 30 watts of integrated program material. Included in the system are the Lafayette-Goodmans SK-102 12" woofer covering the range from 30 to 700 cps, the Lafayette-Goodmans SK-103 8 1/2" midrange speaker covering 700 to 5,000 cps, and the Lafayette-Goodmans SK-104 compression-driver tweeter operating at from 5,000 cps to over 16,000 cps. Also included is the Lafayette LN-5 inductance-capacitance (L/C) crossover network with attached Brilliance (high-frequency) and Presence (mid-range) controls. System Impedance is 16 ohms. This is a really great system at an unusually low price! Shpg. wt., 25 lbs.

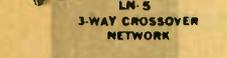
SY-163 WX Lafayette-Goodmans 3-Way Speaker System Net 49.50



SK-102  
12" WOOFER



SK-103  
MIDRANGE



LN-5  
3-WAY CROSSOVER NETWORK



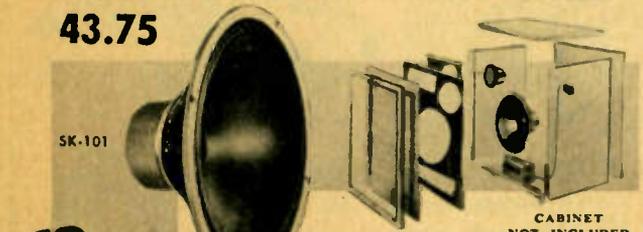
SK-104  
TWEETER



## LAFAYETTE-GOODMANS 15" 3-WAY SYSTEM

An outstanding 3-way speaker system similar to SY-163 system above, but featuring the new SK-101 15" Lafayette-Goodmans woofer for extra high efficiency even at subaudible frequencies. System response 25 to 16,000 cps. Complete with LN-5 crossover network and SK-103 8 1/2" midrange speaker and SK-104 tweeter. A superb speaker system with wide, smooth response and a new low in distortion and tone coloration. Wt., 30 lbs. SY-177 WX Lafayette-Goodmans 3-Way 15" Speaker System Net 54.50

## LAFAYETTE-GOODMANS 2-WAY SPEAKER SYSTEM 43.75



- HANDLES 30 WATTS
- ENGLISH-MADE SPEAKERS
- LAFAYETTE L/C CROSSOVER NETWORK
- RESPONSE 25 TO 16,000 CYCLES

Extra performance value in a fine 2-way speaker system. Using the excellent Lafayette-Goodmans SK-101 15" Woofer and the SK-104 Tweeter, this system achieves a new standard of wide response, excellent linearity and low distortion — and all at this low, low price. This group of speakers, custom-made for Lafayette by Goodmans, is carefully designed and manufactured by master craftsmen with a tradition of fine workmanship. The result is superior hi-fi sound, clean and smooth from 25 to 16,000 cycles (only 8 db down at 20,000 cycles!). Even with full 30 watt program input, this system reproduces it with ease and precision. Also included is the Lafayette LN-2-B L/C Crossover network with built-in high frequency "Brilliance" level control. This system is ideally installed in the Lafayette bass-reflex enclosures. An excellent hi-fi buy! Shpg. wt., 21 lbs. Lafayette-Goodmans 2-way Speaker System. SY-178 WX ..... 5.00 Down Net 43.75



SK-104

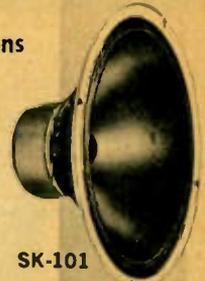


LN-2-B  
CROSSOVER

## Made to Lafayette's own rigid specifications LAFAYETTE-GOODMANS 15" WOOFER

An all new 15" low-frequency speaker featuring smooth, powerful reproduction down into the sub-audible frequencies. Its rigid construction and high efficiency design permit the reproduction of even the loudest low frequency transients without ringing or distortion. Response 25 to 7000 cps. Alcomax magnet with flux density of 13,000 lines and total flux of 89,500 maxwells assures the utmost linearity at full power — 30 watts of program material. Voice coil diameter 1 3/4". Impedance 16 ohms. Shpg. wt., 15 lbs.

SK101W-15" Lafayette-Goodmans Woofer Net 28.50



SK-101

## LAFAYETTE-GOODMANS 12" WOOFER

A highly-efficient low-frequency transducer for faithful reproduction of the lowest audible frequencies without tone coloration or distortion. Incorporates high flux Alcomax magnets for smooth response and good power sensitivity. Frequency response is 30-7,000 cps, with recommended crossover at 700 to 1000 cps. Total flux is 89,500 maxwells; voice coil diameter is 1 3/4". Rated at 30 watts power handling capacity for integrated program material in a multiple speaker system with an LC crossover network. Voice coil impedance 16 ohms. Size 12 1/4" diam. x 6" deep. Shpg. wt., 9 lbs.

SK-102 12" Lafayette-Goodmans Woofer Net 23.50



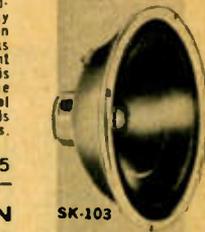
SK-102

## LAFAYETTE-GOODMANS 8 1/2" MIDRANGE SPEAKER

• Aluminum Core and Self-Coating Aluminum Voice Coil

A sweet-sounding high-fidelity reproducer capable of doing full justice to the most important range of musical reproduction — the mid-frequency range from 500 to 5,000 cps. Incorporates high-efficiency Alcomax magnets, a specially-constructed cone with an "accordion fold" half-way down for smooth sound reproduction free from peaks and distortion; plus a completely sealed rear housing to prevent back radiation and interaction with other speakers. Response is 500 to 8,000 cps. Recommended crossovers are 700-1000 cps at the low end, 5,000 cps at the high end in a 3-way system. Magnet total flux is 32,900 maxwells. Voice coil diameter is 1". Power rating is 30 watts program material in a 3-way system. Voice coil impedance 16 ohms. Size is 8 1/2" diam. x 3 3/4" deep. Shpg. wt., 4 lbs.

SK-103 8 1/2" Lafayette-Goodmans Midrange Net 5.95



SK-103

## LAFAYETTE-GOODMANS

## high frequency DRIVER and HORN

A highly efficient compression-type wide-angle radiator for the higher audio frequencies. With high flux Alcomax magnets. Rigid plastic horn with circular mouth and special design acoustic chamber with phasing plug achieves smooth wide-angle distribution to extremely high frequencies. Horn diameter 2 1/2", mouth opening 1 3/4" diam. Pot diameter 2 3/4". Overall depth 3". Frequency response 2500 to 16,000 cps; 8 db down at 20,000 cps; Magnet flux is 25,400 maxwells. Voice coil diameter is 1". Recommended crossover is 5,000 cps. Power rating is 30 watts program material in a 3-way system. Voice coil is 16 ohms. Shpg. wt., 3 lbs.

SK-104 Lafayette-Goodmans Tweeter Net 10.95

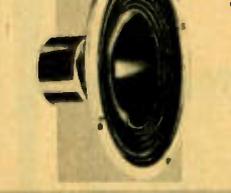


SK-104

11.95

## NEW! LAFAYETTE SK-130 8" EXTENDED RANGE HIGH-FIDELITY SPEAKER

- FREQUENCY RESPONSE 40 TO 15,000 CPS
- 15 OUNCE HIGH EFFICIENCY "ALCOMAX" MAGNET
- FLUX DENSITY 13,000 GAUSS
- 1" VOICE COIL

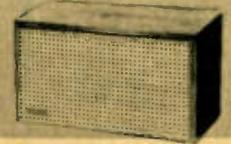


Made with typical British craftsmanship — this is one of the sweetest, smoothest sounding 8" speakers we have heard. A 15 ounce Alcomax ring magnet plus a hyperbolic cone are utilized to make it ideal for use as extension or midrange speaker — or utilizing two — just the thing for stereo. Capable of handling a full 15 Watts of power and has a voice coil impedance of 16 ohms. Shpg. wt., 3 lbs.

SK-130 8" EXTENDED RANGE SPEAKER ..... Net 11.95

## FISHER XP-1 DELUXE BOOKSHELF SPEAKER SYSTEM

- Response 30-15,000 cycles
- Handles Up To 60 Watts
- High Compliance Plus High Efficiency



This new, compact, full range speaker system uses one 12 inch woofer and two 5 inch tweeters to produce a clean overall response of 30 to 15,000 cycles. The woofer has a 2 inch voice coil, a flux density of over 12,500 gauss, and a resonant frequency well under 30 cycles. The system handles up to 60 watts, but because of its high efficiency, can be used even with a modest 10 watt amplifier. Electrical crossover is provided by a crossover network utilizing air-filled condensers and an air-coil. Hermetically sealed and in slim-line, bookshelf size, the enclosure can be used anywhere, horizontally or vertically. The Presence/Brilliance control and speaker terminals located at the rear are recessed for further convenience. The protective and decorative speaker grille is designed for high frequency dispersion, and is completely free of parasitic vibration.

Heavily lined with Acoustic glass, it is available in three rich wood finishes—Mahogany, Walnut, and Cherry. Also available as unfinished Birch, ready for staining. Size: 13 1/2" by 24" by 11 1/4" front-to-back. Shpg. wt. 40 lbs.

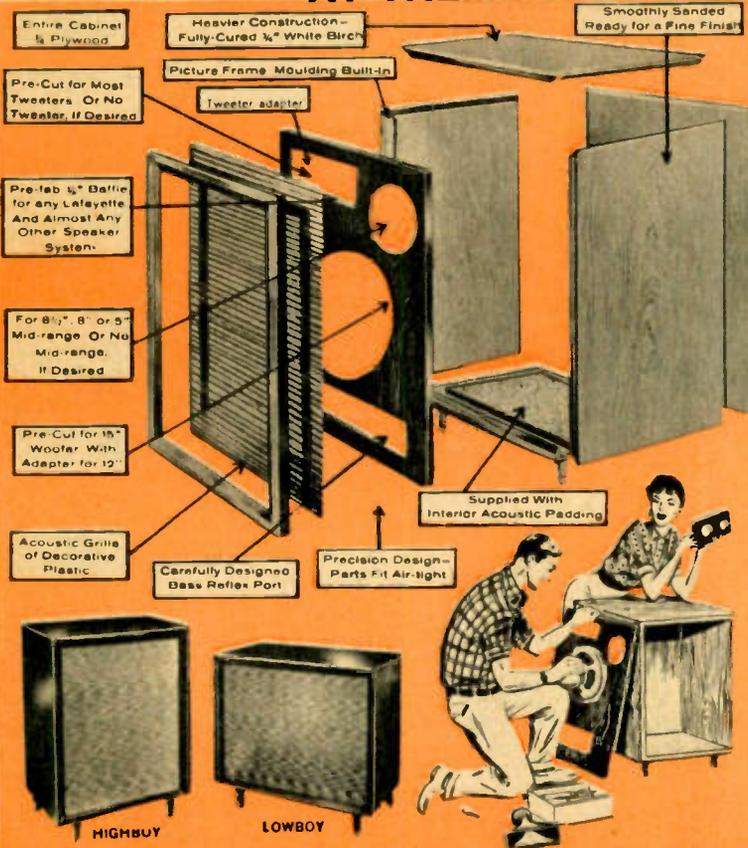
GB-450WX Fisher XP-1 Mahogany	12.95	Down	Net 129.50
GB-451WX Walnut	12.95	Down	Net 129.50
GB-452WX Cherry	12.95	Down	Net 129.50
GB-453WX Unfinished	12.45	Down	Net 124.50

FULL REFUND OF EASY PAY CARRYING CHARGES IF PAYMENTS COMPLETED WITHIN 60 DAYS

# BUILD-YOUR-OWN LAFAYETTE SPEAKER ENCLOSURES

EASY-TO-ASSEMBLE HI-FI ENCLOSURE KITS and COMPLETE SPEAKER SYSTEMS

AT TREMENDOUS SAVINGS TO YOU!



## LAFAYETTE UNIVERSAL HI-FI BASS REFLEX ENCLOSURE KITS

- EASIEST TO ASSEMBLE—ALL YOU NEED IS A SCREWDRIVER! • 3/4" WHITE BIRCH • PRECISION-CUT—FITS TOGETHER SMOOTHLY • PERFECT FOR SINGLE WIDE RANGE, 2-WAY OR 3-WAY SPEAKER SYSTEMS • HIGHBOY OR LOWBOY STYLE

All pieces of these carefully designed bass reflex high fidelity speaker enclosures are accurately precut of 3/4" veneers to fit snugly together and eliminate spurious resonances. Front panels are handsomely detailed with picture-frame moulding and covered with pleasingly decorative plastic acoustic grilles to blend with any finish and room decor. Attractively tapered offset legs are protected by good-looking brass ferrules. Acoustic lining material is provided to prevent reverberation and cabinet resonance. Cutouts are provided for 15" speaker plus adapter for 12", 8 1/2" or 8" midrange plus adapter for 5" and blank wood block if no midrange speaker is used; Jensen compression horn tweeter plus adapter for Lafayette HK-3, HW-7 or Lafayette-Goodmans SK-104W tweeters and blank wood block if no tweeter is used. So, 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) 28 1/2" w x 23 1/2" h x 16 1/2" d; legs are 5" high. Highboy has same dimensions with height and width interchanged. Instructions, all parts, hardware, and grille are included with each kit. Shpg. wt., 54 lbs.

CK-10WX Unfinished Highboy Enclosure Kit ..... 5.00 Down ..... Net 29.50  
 CK-11WX Unfinished Lowboy Enclosure Kit ..... 5.00 Down ..... Net 29.50

## ASSEMBLED ENCLOSURES

Factory-Assembled Bass Reflex Enclosures some as the Lafayette kits above but factory-assembled and finished in lustrous, hand rubbed mahogany or blonde to measure up to the finest standards of high quality fine-furniture finishes. Also available assembled but unfinished. Shpg. wt., 54 lbs.

CAB-13WX Assembled, Unfinished Highboy ..... Net 39.50  
 CAB-19WX Highboy Assembled, finished in Mahogany or Blonde (please specify) ..... Net 49.50  
 CAB-21WX Highboy Assembled in Walnut Finish ..... Net 52.50  
 CAB-14WX Assembled, Unfinished Lowboy ..... Net 39.50  
 CAB-20WX Mahogany or Blonde Lowboy, completely assembled (please specify choice of finish) ..... Net 49.50  
 CAB-22WX Lowboy Assembled, in Walnut Finish ..... Net 52.50

For Lafayette finishing kits to obtain professional-like furniture finishes, please refer to another section on this page.

## LAFAYETTE'S PROFESSIONAL FINISHING KITS



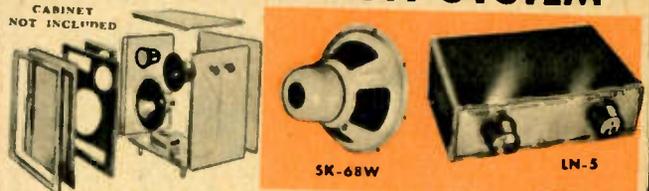
- TRULY PROFESSIONAL FINISH
- COMPLETE WITH EVERYTHING YOU NEED
- EASY-TO-FOLLOW INSTRUCTIONS

Net 3.87

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 coats of high gloss varnish, and one each of filler-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	Net
M5-584	Walnut	3.87
M5-585	Mahogany	3.87
M5-586	Fruitwood	3.87
M5-587	Cherry	3.87
M5-588	Golden Oak	3.87
M5-698	Maple	3.87
M5-697	Harvest Wheat	3.87
M5-589	Ebony	3.87

## LAFAYETTE 3-WAY SYSTEM



### 3-Way System Includes

- 12-INCH WOOFER WITH 21.5 OZ. MAGNET (SK-68W)
- 8-INCH MID-RANGE SPEAKER (SK-74W)
- METAL-CASED CONE TYPE HI-FI TWEETER (HK-3)
- 3-WAY CROSSOVER NETWORK WITH CONTINUOUSLY VARIABLE PRESENCE & BRILLIANCE CONTROLS (LN-5)

Here is another 3-way speaker system designed to save you money and make your next hi-fi project quick and easy. Truly a triumph in the field of acoustics. This combination created intense interest with budget-minded music lovers of various trade and consumer shows because of its unusual performance capabilities. Each component is specifically designed to reproduce its own range with optimum fidelity. The system consists of the SK-68W 12" Woofer that gives exceptionally clean mellow bass frequencies from 35 to 350 cycles, the 8" Driver which reproduces the mid-range frequencies from 350 to 5000 cycles clearly and true-to-life, and the new metal-cased HK-3 High Frequency Tweeter which provides brilliant treble response in the 5000 to 16,000 cycle region. The LN-3 Crossover Network, crossing over at 350 and 5000 CPS, completes this ultra modern system. Has "Brilliance" and "Presence" controls. Shpg. wt., 22 lbs.

SY-92WX ..... 5.00 Down ..... Net 38.50



Net 38.50



# LAFAYETTE 2 and 3 WAY! SPEAKER SYSTEMS

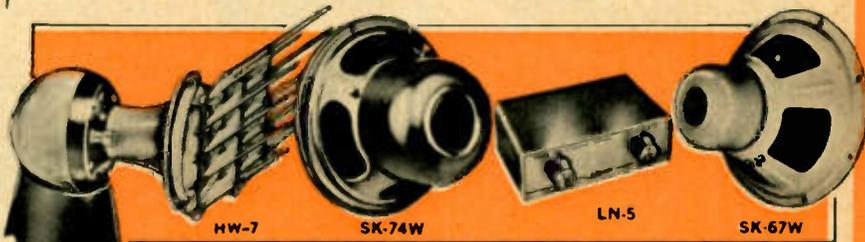


## Famous 3-WAY SYSTEM

cabinet not included



with 15" WOOFER... 8" MID-RANGE SPEAKER... HORN TWEETER... CROSSOVER NETWORK



**55.50**

**ONLY 5.50 DOWN \$5.00 MONTHLY**

- 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)

EXPLODED VIEW SHOWS HOW SYSTEMS MOUNT IN CABINET

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-93WX. Complete system as listed above

Net 55.50

## LAFAYETTE 3-WAY SYSTEM

WITH JENSEN 15" WOOFER . . . JENSEN 8" MID-RANGE SPEAKER . . . JENSEN HORN TWEETER AND CROSSOVER NETWORK



CABINET NOT INCLUDED

This new multi-speaker system provides true high fidelity reproduction at the lowest price ever. Included in the 3-way system are a Jensen 15" woofer, Jensen 8" mid-range speaker, Jensen compression driver horn tweeter and Lafayette LN-5 capacitance-inductance crossover network. Crossover is at 350 and 5000 cycles, and unit is supplied with two, built-in, continuously variable "presence" and "brilliance" controls wired on 2-ft. extension cables. Outstanding bass and mid-range response, plus brilliant reproduction of the highest audible frequencies result in superb performance from this 3-way system throughout the entire audio spectrum. Power handling capacity in bass reflex enclosure, 25 watts, 16 ohms. Shpg. wt., 19 lbs.

SY-98WX—Speaker System 5.00 Down Net 42.50

SY-97WX—Same as SY-98WX but with 12" Jensen woofer. Shpg. wt., 15 lbs. 5.00 Down Net 39.50

Completely assembled bass reflex cabinets constructed of ¼" hardwood, ready for finishing. Dimensions of highboy, less legs: 29" H, 23½" W, 16" D. Lowboy same size with M and W dimensions interchanged. Legs are 5" H. Shpg. wt., 42 lbs.

Preassembled Unfinished Highboy Cabinet. Net 39.50

CAB-13WX Preassembled Unfinished Lowboy Cabinet. Net 39.50

CAB-14WX Unfinished Highboy Speaker Cabinet Kit. Net 29.50

CAB-10WX Unfinished Lowboy Speaker Cabinet Kit. Net 29.50

CAB-11WX

SPEAKER SYSTEM only 42.50

## LAFAYETTE 2-WAY SYSTEM

WITH JENSEN 15" WOOFER, JENSEN HORN TWEETER AND CROSSOVER NETWORK



CABINET NOT INCLUDED

A Superb HI-FI Buy!

Another new Lafayette 2-way speaker system that provides full frequency response at a low budget price. The system includes a Jensen 15" woofer, Jensen compression driver horn tweeter, and Lafayette inductance-capacitance LN-1 2000 cycle crossover network. In a bass reflex enclosure, power handling capacity is 20 watts. Enjoy rich extended bass response and brilliant, high-frequency reproduction of the finest high fidelity recordings. Impedance 16 ohms. Shpg. wt., 12 lbs.

SY-96WX—Speaker System 3.00 Down Net 27.50

Completely assembled bass reflex cabinet (23½" W, 33½" H, 12½" D), constructed of ¼" hardwood, ready for finishing. Shpg. wt., 30 lbs.

Preassembled Unfinished Highboy Cabinet. Net 39.50

CAB-13WX Preassembled Unfinished Lowboy Cabinet. Net 39.50

CAB-14WX Unfinished Highboy Speaker Cabinet Kit. Net 29.50

CK-10WX Unfinished Lowboy Speaker Cabinet Kit. Net 29.50

CK-11WX

Only 27.50

# NEW! CELESTIAL AND GALAXY STEREO

## Lafayette DELUXE CELESTIAL - SATELLITE SPEAKER SYSTEM

A DYNAMIC NEW DIMENSION IN STEREO

- FREQUENCY RESPONSE 20-20,000 CPS
- 12" HIGH COMPLIANCE DUAL VOICE COIL WOOFER WITH 2 LB. ALNICO V MAGNET AND EXCLUSIVE LAFAYETTE ELIPTOFLEX CABINET
- 3-CHANNEL WIDE PANORAMIC SOUND ENDS "HOLE IN THE MIDDLE" OR "PING PONG" EFFECT

Lafayette research and engineering facilities have evolved a new concept in stereo speaker systems. Research has proven that the low bass frequencies are nondirectional. By employing a newly designed high compliance 12" dual voice coil woofer with 2 lb. Alnico V magnet, Lafayette engineers have utilized this phenomenon. Bass frequencies below 350 cps are directed from their respective stereo channels to two electrically separate voice coils. In this manner both bass signals are blended through the single woofer cone assembly, which combined with the revolutionary Lafayette Eliptoflex bookshelf enclosure produces a robust, extremely smooth, balanced low frequency response down to 20 cps. Extensive laboratory and listening tests confirm this combination of 12" dual voice coil woofer with Lafayette Eliptoflex Bookshelf Enclosure, the equal or superior to anything yet conceived. The two Satellite speaker systems consisting of 2-Lafayette SK-128 Ultra-linear 8" Duaxial speakers in especially designed 3/4" wood enclosures, reproduce all the bass overtones, middle and high frequencies.

In this manner use of a normal standard 2-channel amplifier, 3-channel wide panoramic stereo sound is achieved without the annoying "hole in the middle" or "ping pong" effect so often found in conventional stereo speaker systems. A large symphony orchestra spreads across the entire area, while a soloist or small musical group is properly located near the center. Conventional stereo speaker systems require large areas of space with the distance between speaker and location of the listening area in relation to these speakers extremely critical—Not so the Lafayette Celestial-Satellite Stereo system. Complete balance controls are provided for balancing low, middle and high frequency contours to individual listening tastes and room acoustics. Satellites may be placed in any position along the room (high or low) and may be separated by as much as 20 feet, with the Celestial low frequency bookshelf unit located any distance between Satellites as room decor permits—indeed, now you can welcome stereo into your home without the need of rearranging furniture. Available in Mahogany or Walnut—finished on 4 sides for attractive horizontal or vertical placement. Dimensions are: 14" H x 23-7/16" W x 13-5/16" D for Celestial low frequency unit. 14" W x 10 1/2" H x 7 1/2" W for Satellite midrange and tweeter units. Power Handling Capacity 30 watts. Impedance 8 ohms. Shpg. wt., 74 lbs. Supplied complete with necessary instructions and hook up cable.

LAFAYETTE DELUXE CELESTIAL-SATELLITE FINISHED IN MAHOGANY  
 SK-128WX Only 10.95 Down 9.00 Monthly Net 109.50  
 ENCLOSURES FINISHED IN WALNUT  
 SK-128WX Only 10.95 Down 9.00 Monthly Net 109.50

109.50

## LAFAYETTE ECONOMY CELESTIAL-SATELLITE STEREO SPEAKER SYSTEM

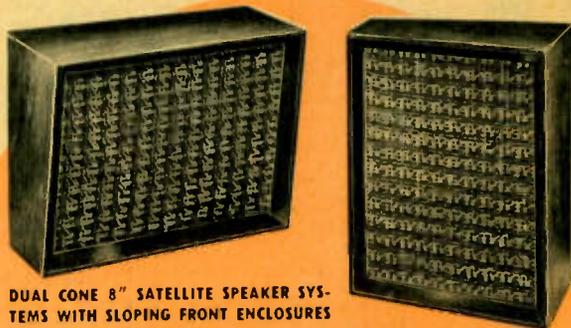
- FREQUENCY RESPONSE 25-16,000 CPS
- 8" HIGH COMPLIANCE DUAL VOICE COIL WOOFER WITH 2 LB. ALNICO V MAGNET
- 3-CHANNEL WIDE PANORAMIC SOUND FROM A NORMAL STANDARD 2-CHANNEL STEREO AMPLIFIER

ONLY 7.45 DOWN 7.00 MONTHLY 74.50

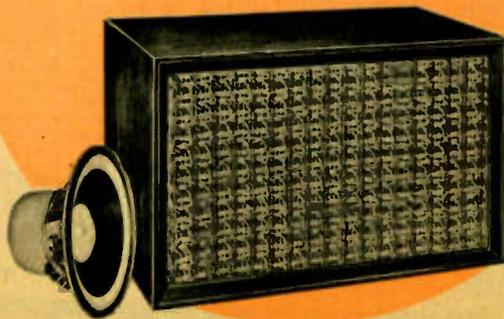
The Lafayette engineering staff was faced with the challenge of developing a high quality, compact, inexpensive, 3-channel stereo speaker system reflecting the same excellence and design principles of the larger Deluxe Lafayette Celestial Satellite Stereo Speaker System. Results far exceeded our fondest expectations. Low frequencies below 350 cps are fed from their respective stereo channels, into two electrically separate voice coils of a new high compliance 8" dual voice coil woofer with 2 lb. magnet, housed in an especially engineered rear vented duct port enclosure. This new woofer produces a rich, full bodied bass response with excellent transient characteristics. Middle and high frequencies are produced by two Satellite 8" speaker systems of a unique dual cone construction. The two cones literally float on flexible corrugated edges, one within the other, resulting in a mechanical crossover—the larger cone produces midfrequencies, but only the small inside cone radiates high frequencies. Satellite enclosures are constructed with a sloping front, making it possible to aim the Satellite toward the listening area.

This economical 3-channel Lafayette Celestial-Satellite Stereo Speaker system produces a quality of sound far in excess of its small size and reasonable price. A clarity and definition of instruments and voices are achieved that is not possible in conventional 2-channel stereo speakers. Balance controls provide just the right degree of balance for your listening tastes and room acoustics. The location of these speakers are not critical—Satellites may be separated by the full width or length of the room with the Celestial bass unit at any point between Satellites. Best of all—the small size of this system practically eliminates upsetting changes in room decor. Finished on 4 sides in choice of Mahogany or Walnut for vertical or horizontal placement. Power handling capacity 30 Watts. Impedance 8-ohms. Dimensions 15 3/4" W x 10" H x 10 1/2" D for Celestial woofer, Satellite is 4 3/4" D at top x 6 1/4" D at bottom x 12" L x 9 1/2" H. Shpg. wt., 35 lbs. Supplied complete with necessary instructions and hook up cable.

LAFAYETTE ECONOMY CELESTIAL-SATELLITE SPEAKER SYSTEM IN MAHOGANY  
 SK-142WX Net 74.50  
 LAFAYETTE ECONOMY CELESTIAL-SATELLITE SPEAKER SYSTEM IN WALNUT  
 SK-143WX Net 74.50



DUAL CONE 8" SATELLITE SPEAKER SYSTEMS WITH SLOPING FRONT ENCLOSURES



SK-139 8" DUAL VOICE COIL WOOFER IN SPECIAL REAR VENTED DUCT PORT ENCLOSURE

# SPEAKER SYSTEMS—A NEW HIGH IN STEREO SOUND

## Jensen GALAXY\*II SATELLITE STEREO SPEAKER SYSTEM

The new Jensen Galaxy II stereo speaker system achieves wide panoramic stereo sound from two tiny satellites and a single small bookshelf size unit. Low bass frequencies below 350 cps from both stereo channels are reproduced by a new dual voice coil 8" Flexair woofer contained in a single small Bass-Superflex bookshelf enclosure. Since these low frequencies are nondirectional, the left-right stereo effect is maintained by the spaced Satellite Units which reproduce all bass overtones, mid-frequencies and high-frequency ranges.

The Galaxy II provides the equivalent of two complete 3-way stereo speaker systems (Frequency Response 36-14000 cps), while affording complete flexibility as to room placement. Bass-Center Unit may be placed on floor or shelf as convenience and decor dictate. Satellites may be mounted high or low on end, side or adjacent with up to 20 or more feet apart. Swivel adjustments make possible Satellite aiming for isophonic coverage over a large listening area without disturbing existing room decor. Attractively finished on 4 sides in a choice of Walnut, Tawny Ash or Mahogany. Dimensions: Bass Center Unit: 12 1/2" H x 24" W x 10 1/2" D end, 11 1/4" center. Satellite: 11 1/2" H x 7 1/2" W x 2" D. Complete with instructions, 20 ft. cord, plug connections and swivel yokes for Satellites. Shpg. wt., 47 1/4 lbs.

JENSEN GALAXY II (Specify finish)

GB-213WX 10.95 Down Net 109.50

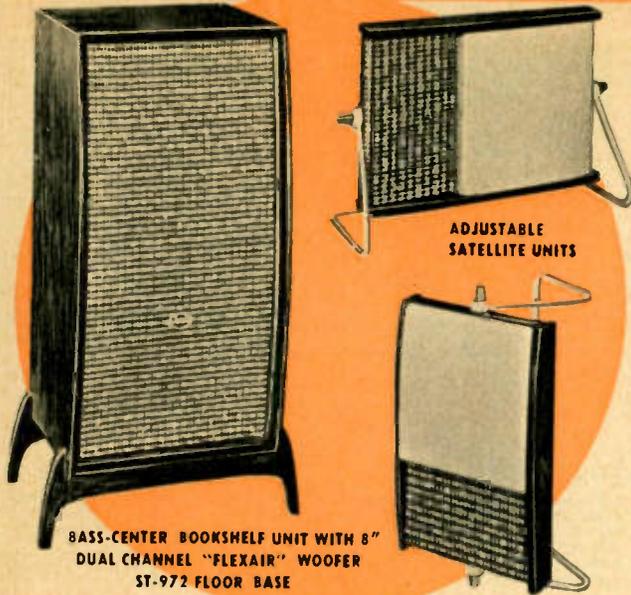
Floor Base for Bass-Center Unit adds graceful furniture touch. Raises cabinet 3 1/4" off floor. Shpg. wt., 1 1/4 lbs.

GB-211—JENSEN ST-972 FLOOR BASS Net 7.50

Build your own Galaxy II Stereo Speaker Systems. Kit includes all speakers and electrical components, includes hard to make parts and hardware (speakers, dual channel network, enclosure vent tube, 20 ft. cords with plugs attached, finished mounting yokes, plastic covers, mounting hardware and grille cloth assemblies). Shpg. wt., 21 lbs.

JENSEN KTG-2 GALAXY II KIT Net 92.50

GB-214WX 9.25 Down Net 92.50



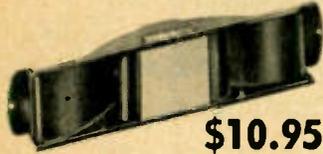
BASS-CENTER BOOKSHELF UNIT WITH 8" DUAL CHANNEL "FLEXAIR" WOOFER ST-972 FLOOR BASE

ADJUSTABLE SATELLITE UNITS

## ACOUSTIC BAND EXTENDERS

### THREE BAND EXTENDER

Converts Any 12" Hi-Fi Speaker To A Complete 4-Way System



\$10.95

- MOUNTS AXIALLY ON 12" SPEAKER ● ELIMINATES EXTRA CARPENTRY
- 3-WAY INTEGRATED SPEAKER
- FROM 1,000 TO 18,000 CPS
- 25 WATTS RATING ● BUILT-IN CROSSOVER

A real boon to the hi-fi enthusiast who has a single speaker and wants to extend the upper tonal range of his system and at the same time improve the vital middle ranges for better realism and fuller enjoyment. The Acoustic Band Extender includes 3 acoustic channels in one housing. One channel, 1-3.5 kc, is a rear loading exponential dual flared horn energized by the rear of the driver diaphragm. The second channel, 3.5 to 5.5 kc, is a front-loading dual horn, while the third channel, 5.5 to 18 kc, is direct free aperture loaded. Wide-angle sound radiation is assured by the design for thorough distribution of the added brilliance and presence supplied by this unit. The driver unit has a highly efficient 3.2 oz. Alnico 5 slug magnet and a custom-molded linen phenolic diaphragm for minimal distortion. Built-in 1000 cps high-pass filter. Universal mounting-rests within a 12" speaker—or may be mounted separately with a 10 1/4" x 3 3/4" rectangular cutout. Impedance 9 ohms; power handling 25 watts. Shpg. wt., 2 1/2 lbs.

SK-120 Net 10.95

### TWO BAND EXTENDER

IMPROVE THE MIDRANGE AND TREBLE RESPONSE OF YOUR SPEAKER SYSTEM. This compact new design provides a middle and high frequency response from 700 to above 18,000 cps. The midrange response originates from the back of the compression driver type diaphragm and is phase corrected by the combined action of the rear enclosure volume and vent area, then radiated by the flared vent extension. High frequencies originating from the front of the diaphragm are phase corrected by the central apex plug for maximum smoothness, then radiated through a semi-horn load. Requires 2" x 4" baffle opening. Shpg. wt., 2 1/2 lbs.

SK-140—MIDRANGE AND TREBLE EXTENDER Net 10.50

### TOP BAND EXTENDER

EXTEND YOUR HIGH FREQUENCY RESPONSE.

An extremely efficient compression driven wide angle tweeter that will improve the frequency response of any speaker system at any efficiency level. A frequency response of from 2000 to above 18,000 cps is delivered by a combined diaphragm phase correcting and throat loading element, which smoothes the extended high frequency response and insures minimum throat distortion for optimum cleanliness. Requires baffle opening of 2" x 4". Shpg. wt., 2 1/2 lbs.

SK-141—TOP BAND EXTENDER Net 10.50



## Lafayette High Compliance Dual-Voice Coil Stereo Woofers

THE VERY SAME STUDIO QUALITY WOOFERS EMPLOYED IN THE LAFAYETTE CELESTIAL-SATELLITE STEREO SPEAKER SYSTEMS

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

3-channel stereo without the need of complicated costly control filters or adapter networks.

Now Lafayette offers these advanced design dual voice coil woofers for the high-fidelity enthusiast who wishes to build his own 3-channel stereo speaker system—or use it as the basis of a monaural system now and eventually work into a 3-channel stereo system.

### 12" DUAL VOICE COIL WOOFER

- 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

SK-133 Shpg. wt., 10 1/2 lbs. 5.00 Down Net 25.50

### 8" DUAL VOICE COIL WOOFER

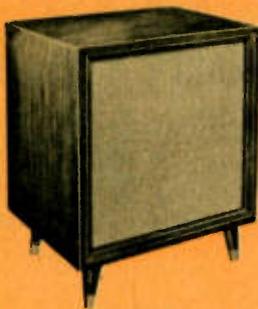
- FREQUENCY RESPONSE 25-3000 CPS ● 2 LB. ALNICO V MAGNET ● 2" VOICE COIL
- HIGH COMPLIANCE CONE FLOATS ON ROLLED CLOTH EDGES ● IMPEDANCE—EACH VOICE COIL 8-OHMS ● POWER HANDLING CAPACITY 30-WATTS

SK-139 Shpg. wt., 8 1/2 lbs. 5.00 Down Net 20.95



SEE PAGE 302 FOR LAFAYETTE'S EASY PAYMENT PLAN

# LAFAYETTE HI-FI SPEAKER ENCLOSURES FOR UNITARY 2-WAY-3-WAY SPEAKER SYSTEMS



LAFAYETTE RESONATOR ENCLOSURE CAB-16WX-17WX

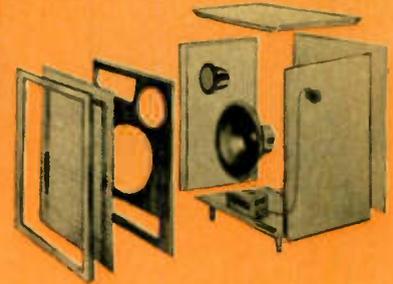


LAFAYETTE UNIVERSAL HIGHBOY BASS REFLEX ENCLOSURE CAB-13WX-19WX-21WX



LAFAYETTE UNIVERSAL LOWBOY BASS REFLEX ENCLOSURE CAB-14WX-20WX-22WX

BASIC INTERNAL CONSTRUCTION OF LAFAYETTE UNIVERSAL HI-FI SPEAKER ENCLOSURES



## LAFAYETTE RESONATOR ENCLOSURES

**THE CABINET**—New, lowboy console bass reflex cabinet for 12" high fidelity speakers. Completely assembled and finished unit constructed of 3/4" stock of the finest genuine mahogany and walnut veneers. Solidly built and acoustically designed to provide wide range frequency response without reverberation or vibration. Cabinet is lined with acoustic material to prevent cabinet resonance. Front panel has at-

tractive picture frame molding and fine quality plastic grille cloth that matches the finish. Baffle area approximately 4.3 cubic feet. Cutout for 12" speaker. Dimensions: 20" wide, 23" high, 16" deep. Shpg. wt., 38 lbs.  
**CAB-16WX** Finished Cabinet only (Specify Walnut or Mahogany)..... Net 29.50  
**CAB-17WX** Same as above in Blonde finish..... Net 31.50

## LAFAYETTE UNIVERSAL HI-FI SPEAKER ENCLOSURES

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 8 1/2" 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 Lafayette-Goodmans SK-104 tweeters plus blank wood block if no tweeter is used.

## UNIVERSAL BASS REFLEX ENCLOSURES

Solidly constructed of 3/4" stock. Finished models of genuine veneers of the original wood. Universal speaker panel is detailed with picture frame molding and covered with pleasing plastic grille. 5" tapered offset legs are edge-tipped with brass ferrites. Lined internally with acoustic material. Size of lowboy (less legs): 28 3/4" w, 23 1/2" h, 16 1/4" d. Same

size for highboy with height and width interchanged. Shpg. wt., 54 lbs.  
**CAB-13WX** Highboy; **CAB-14WX** Lowboy. Unfinished..... Net 39.50  
**CAB-19WX** Highboy; **CAB-20WX** Lowboy. In Mahogany or Blonde (please specify finish)..... Net 49.50  
**CAB-21WX** Highboy; **CAB-22WX** Lowboy. In Walnut..... Net 52.50

## SPECIAL MONEY SAVING COMBINATIONS—LAFAYETTE CABINETS AND NATIONALLY FAMOUS SPEAKERS

Stock No.	Speaker	Enclosure	Reg. Price	Special Combination Price	Stock No.	Speaker	Enclosure	Reg. Price	Special Combination Price
SV-365WX	University UC-153	CAB-13	121.24	101.75	SV-197WX	Electro-Voice 15TRXB	CAB-13	116.92	93.50
SV-366WX	University UC-153	CAB-19	131.24	111.75	SV-198WX	Electro-Voice 15TRXB	CAB-19	126.92	103.50
SV-367WX*	University UC-153	CAB-21	134.24	114.75	SV-199WX*	Electro-Voice 15TRXB	CAB-21	129.92	106.50
SV-368WX	University UC-153	CAB-14	121.24	101.75	SV-200WX	Electro-Voice 15TRXB	CAB-14	116.92	93.50
SV-369WX	University UC-153	CAB-20	131.24	111.75	SV-201WX	Electro-Voice 15TRXB	CAB-20	126.92	103.50
SV-370WX*	University UC-153	CAB-22	134.24	114.75	SV-202WX*	Electro-Voice 15TRXB	CAB-22	129.92	106.50
SV-185WX	University 312	CAB-13	111.04	92.79	SV-203WX	Jensen M223F	CAB-13	112.00	93.75
SV-186WX	University 312	CAB-19	121.04	102.79	SV-204WX	Jensen M223F	CAB-19	122.00	103.75
SV-187WX*	University 312	CAB-21	124.04	105.79	SV-205WX*	Jensen M223F	CAB-21	125.00	106.75
SV-188WX	University 312	CAB-14	111.04	92.79	SV-206WX	Jensen M223F	CAB-14	112.00	93.75
SV-189WX	University 312	CAB-20	121.04	102.79	SV-207WX*	Jensen M223F	CAB-20	122.00	103.75
SV-190WX*	University 312	CAB-22	124.04	105.79	SV-208WX*	Jensen M223F	CAB-22	125.00	106.75
SV-191WX	Electro-Voice 12TRXB	CAB-13	104.18	84.75	SV-209WX	Jensen CX120	CAB-13	89.00	76.50
SV-192WX	Electro-Voice 12TRXB	CAB-19	114.18	94.75	SV-210WX	Jensen CX120	CAB-19	99.00	86.50
SV-193WX*	Electro-Voice 12TRXB	CAB-21	117.18	97.75	SV-211WX*	Jensen CX120	CAB-21	102.00	89.50
SV-194WX	Electro-Voice 12TRXB	CAB-14	104.18	84.75	SV-212WX	Jensen CX120	CAB-14	89.00	76.50
SV-195WX	Electro-Voice 12TRXB	CAB-20	114.18	94.75	SV-213WX	Jensen CX120	CAB-20	99.00	86.50
SV-196WX*	Electro-Voice 12TRXB	CAB-22	117.18	97.75	SV-214WX*	Jensen CX120	CAB-22	102.00	89.50

\*Specify Walnut or Blonde finish.

NOTE: FOR combinations of Lafayette Deluxe Universal Cabinets and Lafayette-Goodmans 3-way speakers, see other pages.

### COMBINATIONS WITH LAFAYETTE

RESONATOR ENCLOSURE				
Stock No.	Speaker	Enclosure	Reg. Price	Special Combination Price
SV-371WX*	University UC-122	CAB-18	62.33	54.62
SV-372WX	University UC-122	CAB-17	64.33	56.62
SV-271WX†	Electro-Voice SP12B	CAB-16	63.80	53.50
SV-272WX	Electro-Voice SP12B	CAB-17	65.80	55.50
SV-273WX†	Lafayette SK-55	CAB-16	59.00	55.00
SV-274WX	Lafayette SK-55	CAB-17	61.00	57.00
SV-275WX†	Electro-Voice 12TRXB	CAB-16	94.18	74.75
SV-276WX†	Electro-Voice 12TRXB	CAB-17	96.18	76.75
SV-277WX†	Jensen CX120	CAB-16	79.00	66.50
SV-278WX†	Jensen CX120	CAB-17	81.00	68.50
SV-279WX†	University 312	CAB-16	101.04	82.79
SV-280WX†	University 312	CAB-17	103.04	84.79

†Specify Walnut or Mahogany finish.

## ROCKFORD EQUIPMENT AND RECORD CABINETS



ROCKFORD 100



ROCKFORD 103



ROCKFORD 100 EQUIPMENT CABINET—Sturdily built of selected woods by furniture craftsmen to protect the operating stability of your high fidelity components. Upper section of cabinet will house preamplifier and/or amplifier, tuner, or tape recorder-player. Has drop front to keep open or closed. Lower pull-out drawer section will mount a record changer or by means of a "T" adapter, a transcription table may be used. Overall size 20" W x 32 1/2" H x 18" D. Shpg. wt., 49 lbs.  
**CAB-87WX** ROCKFORD 100 EQUIPMENT CABINET (WALNUT)..... Net 52.50

**CAB-88WX** ROCKFORD 100 EQUIPMENT CABINET (MAHOGANY)..... Net 52.50  
**CAB-89WX** ROCKFORD 100 EQUIPMENT CABINET (BLOND)..... Net 52.50  
**CAB-90WX** ROCKFORD 100 EQUIPMENT CABINET (EBONY)..... Net 52.50  
**ROCKFORD "T" ADAPTER BOARD**—Converts Rockford 100 Equipment Cabinet for use with 12" transcription turntables. Available in Walnut, Mahogany, Blonde, and Ebony.  
**CAB-91W** (Please specify finish)..... Net 1.50  
**ROCKFORD 103 "ADD-ON" RECORD STORAGE CABINET**—Expand your record storage space as you expand your record collection. Removable legs and channel construction permits easy stacking of these attractive cabinets. Has drop front to close cabinet and keep records dust-free. Size with legs: 20" W x 21 1/2" H x 18" D. Shpg. wt., 38 lbs. Size without legs: 16 1/2" H. Shpg. wt., 36 lbs.

**CAB-95WX** Cabinet without legs (Walnut)..... Net 31.00  
**CAB-96WX** Cabinet without legs (Mahogany)..... Net 31.00  
**CAB-97WX** Cabinet without legs (Blond)..... Net 31.00  
**CAB-98WX** Cabinet without legs (Ebony)..... Net 31.00  
**CAB-99WX** Cabinet with legs (Walnut)..... Net 34.50  
**CAB-100WX** Cabinet with legs (Mahogany)..... Net 34.50  
**CAB-101WX** Cabinet with legs (Blond)..... Net 34.50  
**CAB-102WX** Cabinet with legs (Ebony)..... Net 34.50

LAFAYETTE FEATURES THE LARGEST SELECTION OF ENCLOSURES AND ENCLOSURE KITS

# WELLCOR High Fidelity Cabinets



S-12-15

E1

CS12-15



BS-8



LE-5

## THE CONTINENTAL SERIES MATCHED EQUIPMENT AND SPEAKER ENCLOSURES

### S-12-15 SPEAKER ENCLOSURE

A companion console speaker enclosure for E1 and E2 in matching wood with wrap around grill cloth. Matches equipment cabinets styling. 1/4" veneer plywood construction throughout. Employing ducted port principle, this enclosure provides 6 1/2 cu. ft. total compartment capacity. Interior is acoustically padded. Speaker board is pre-cut for mounting 15" speaker with a removable 12" adaptor ring for a 12" speaker. Additional covered cutouts for tweeters and horns. Mounting hardware supplied. Size: 22 1/2" H x 24" W x 20" D + 4" self-leveling legs. Shpg. wt., 32 lbs.

CAB-60WX—Mahogany	7.20 Down	Net 72.00
CAB-61WX—Limed Oak	7.95 Down	Net 79.50
CAB-62WX—Walnut	7.95 Down	Net 79.50
58-12 Same as above, except for 8" or 12" speaker. Size: 22 1/2" H x 19 1/2" W x 16" D + 4" self-leveling legs. Shpg. wt., 37 lbs.		
CAB-63WX Mahogany	5.20 Down	Net 51.75
CAB-64WX Limed Oak	5.70 Down	Net 57.00
CAB-65WX Walnut	5.70 Down	Net 57.00

### E1 EQUIPMENT 20" CABINET

A true masterpiece of furniture design in rich natural woods. This cabinet is engineered for the Stere-o or Hi-Fi audiophile. Accommodates tuner, amplifier and preamp, shelf and/or panel mounted. Changer or turntable with 16" orm. Tape recorder mounted on slide-out shelf, ample record storage space and separate tape storage compartment. Turntable is top loaded with all-position lid support. Shock resistant rubber covered cleats for mounting board. Recessed hinged doors have magnetic catches. Rugged construction of fine furniture craftsmanship. Size: 38 1/2" W x 32" H x 20" D + 4" self leveling legs. Shpg. wt., 116 lbs.

CAB-54WX—Mahogany	15.75 Down	Net 157.50
CAB-55WX—Limed Oak	17.25 Down	Net 172.50
CAB-56WX—Walnut	17.25 Down	Net 172.50

### CS12-15 CORNER ENCLOSURE

Companion corner enclosure to E1. Finished on all sides in natural woods. Used for corner placement or as a free standing unit. Veneer plywood throughout. Grill cloth won't muffle or retard sound. Over 6 cu. ft. tone compartment of the GE Bass reflex type which is acoustically padded. Speakers are installed through removable bottom. 15" cutout with removable 12" adapter ring for speakers. Additional covered outlets for tweeters and horns. Mounting hardware supplied. Size: 24" W x 32" H x 20" D + 4" self leveling legs. Shpg. wt., 49 lbs.

CAB-66WX Mahogany	7.20 Down	Net 72.00
CAB-67WX Limed Oak	7.95 Down	Net 79.50
CAB-68WX Walnut	7.95 Down	Net 79.50

### BS-8 BOOKSHELF OR TABLE TOP ENCLOSURE

This unit is for shelf installation or table top use. For an 8" speaker, with covered tweeter cutouts provided. 1/4" veneer plywood throughout. Ducted port principle and padded interior. Hand rubbed finish in genuine mahogany, walnut, or limed oak woods. Matches equipment cabinets and enclosures. Size: 11" H x 24" W x 10 1/2" D. Shpg. wt., 16 lbs.

CAB-57W—Mahogany	5.00 Down	Net 29.00
CAB-58W—Limed Oak	5.00 Down	Net 32.00
CAB-59W—Walnut	5.00 Down	Net 32.00

### LE-5 EQUIPMENT CABINET

● NATURAL WOOD VENEERS ● HAND RUBBED FINISH  
This handsome cabinet looks more expensive than it is. Houses amplifier and/or pre-amp, tuner on upper shelves, changer or turn-table on slide-out lower shelf. Precision hinged door has a magnetic catch for ease and efficiency of operation. At home in any decor, the "Cosmopolitan" is a fitting cabinet for the finest hi-fi components.

Shpg. wt., 50 lbs.	
CAB-80WX Mahogany	5.75 Down ..... Net 57.50
CAB-81WX Limed Oak	6.00 Down ..... Net 60.00
CAB-82WX Walnut	6.00 Down ..... Net 60.00

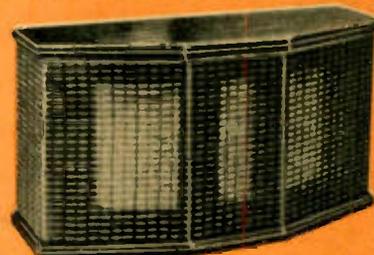
### LS-12-15 SPEAKER ENCLOSURE

Accommodates 15" speaker, removable adapter ring supplied for 12" speaker. Additional covered cut-outs for mounting tweeters and horns. Mounting hardware supplied. This unit employs the ducted port principle to give you full acoustical efficiency and excellent bass reproduction. Rich looking grill cloth will not muffle or retard sound. Shpg. wt., 44 lbs.

CAB-77WX Mahogany	5.00 Down	Net 46.50
CAB-78WX Limed Oak	5.00 Down	Net 48.35
CAB-79WX Walnut	5.00 Down	Net 48.35

## ELECTROSTATIC 3 ELEMENT TWEETER

WAS ~~27.50~~  
NOW ONLY **17.50**



SK-150 Mahogany Finish	} Shpg. wt., 10 lbs.	Net 17.50
SK-151 Walnut Finish		
SK-152 Blonde Finish		

### RECOMMENDED INSTALLATION ACCESSORIES

Select crossover networks and L pads to match impedance

#### CROSSOVER NETWORK KITS

Consists of coils and condensers and detailed assembly instructions. Shpg. wt., 2 lbs.

KY-128—8 ohm crossover kit (for AR-1, AR-2 & KLH-6)	Net 2.75
KY-129—16 ohm crossover kit (for KLH-4)	Net 2.75

#### LAFAYETTE "L" PAD ATTENUATORS

VC-49—8 ohm (for AR-2 & KLH-6)	Shpg. wt., 6 oz.	Net 1.49
VC-50—16 ohm.	Shpg. wt., 16 oz.	Net 1.49



## GABOR JOHNSON EQUIPMENT CABINETS

- SOLID WALNUT CONSTRUCTION
- MAGNETIC DOOR CATCHES
- CONCEALED HINGES
- CUSTOM STYLED TO YOUR SPECIFICATIONS

These cabinets are designed for custom installation of all popular makes of hi-fi components. We design the exterior, you design the interior. Ample space has been allotted for record changer, turntable, or tape transport, tuner and amplifier. Special provisions are also made for using control panel as a shelf for supporting amplifier above tuner where cutouts are not desired. Cabinets are engineered to assure proper ventilation while equipment is operating. Specially designed changer slide will not dip when fully extended. Control panel size: 12" H x 18 1/2" W x 15" in back. Exterior size: 32 1/2" H x 20" W x 18 1/2" D. Shpg. wt., 61 lbs.

CAB-107WX—Walnut only	5.00 Down	Net 49.95
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FOR DETAILS OF LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

# SAVE WITH THESE DO IT YOURSELF MUSIC SYSTEMS FEATURING LAFAYETTE HI-FI KITS

Every advanced feature has been incorporated in these Lafayette "do-it-yourself" stereo kits. Carefully engineered, and using top quality components, these Lafayette kits assure first rate performance.

## COMPACT STEREO PHONO SYSTEM

**ONLY  
125.95  
YOU SAVE  
28.65**

- Lafayette KT-236 36 Watt Integrated Stereo Amplifier Kit
- Garrard RC-121 Record Changer (Less Base)
- New GE VR-22 (.7 MIL) Stereo Cartridge with Diamond Stylus
- 2-Lafayette SK-128W 8" Ultra-Linear Duaxial speakers.

This unusually fine stereo system is now offered at a new low price. You obtain savings by building the new easy-to-assemble KT-236 integrated stereo amplifier kit yourself. The KT-236 integrated stereo amplifier consists of a stereo control center plus two 18 watt amplifiers on the same chassis. The advanced design brings you all the flexibilities you need to adjust individual requirements for superb enjoyment from any stereo sources. The already widely acclaimed 8" Ultra-Linear Duaxial speakers provide big-speaker performance. Full bodied bass and magnificent high frequency response assure complete coverage of audio spectrum. The famous Garrard changer is well known for its excellent performance mechanically and electrically. The brand new GE VR-22 stereo cartridge is a top performer in every aspect—flat frequency response, wide channel separation, and hum-free. Just spend a few hours to assemble the amplifier, and you'll enjoy the true realism only stereo can offer.

Complete stereo system as described above. Shpg. wt., 50 lbs.	MF-695WX	12.60 Dawn	Net 125.95
Far Record Changer Base, see Index.			
Same as MF-695WX plus 2 Lafayette CAB-47WX Series Mini-Duct Bookshelf Enclosures (specify finish). Shpg. wt., 93 lbs.	MF-704WX	16.80 Dawn	Net 167.95
Same as MF-695WX, but with 2 Lafayette SK-58 12" speakers instead of 2 Lafayette Ultra-Linear Duaxial speakers. Shpg. wt., 61 lbs.	MF-696WX	14.60 Dawn	Net 145.95
Same as MF-696WX plus choice of either 2 Lafayette Elioatflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 134 lbs.	MF-705WX	20.35 Dawn	Net 203.45



Lafayette KT-236



New GE VR-22 (.7 Mil) Stereo Cartridge With Diamond Stylus



Garrard RC-121

### OPTIONAL SPEAKER ENCLOSURES



2-Lafayette CAB-47WX Series Mini-Duct Bookshelf Enclosures



2-Lafayette SK-128W

## TOP QUALITY DO-IT-YOURSELF STEREO HI-FI PHONO SYSTEM

**ONLY  
212.50  
YOU SAVE  
30.95**

- Lafayette KT-250 50 Watt Integrated Stereo Amplifier Kit
- Glaser-Steers GS-77 4 Speed Stereo Record Changer (Less Base)
- New GE VR-22 (.7 MIL) Stereo Cartridge with Diamond Stylus
- 2-Lafayette-Goodmans SK-110WX 12" 3-Way Speakers with 1 1/2 lb. Magnets.

Enjoy the latest stereo records with superb high fidelity system. Truly breathtaking sound reproduced realistically in your home. And you enjoy tremendous savings by buying these components as a system and assembling the amplifier. You can also add, at any later date, a stereo tape deck and/or stereo FM/AM tuner to complete your music center. The new Lafayette KT-250 50 watt integrated stereo amplifier kit offers 25 watts per stereo channel, or 50 watts if used monophonically. Advanced features such as separate bass and treble controls for each channel and concentric clutch-operated control for individual or simultaneous level adjustment are incorporated. Full flexibility and smart styling keynote this new integrated stereo amplifier. The Glaser-Steers GS-77 stereo changer is featured because of its proven quality. The new GE VR-22 stereo cartridge with diamond stylus provides low tracking force and wide frequency range. The speakers for this outstanding system are the widely acclaimed Lafayette-Goodmans SK-110WX 12" 3-way speakers with 1 1/2 lb. magnets.

System supplied with all interconnecting cables and simplified instructions for easy assembly.

Complete stereo system as described above. Shpg. wt., 79 lbs.	MF-692WX	21.25 Dawn	Net 212.50
Far Record Changer Base, See Index.			
Same as MF-692WX, plus choice of either 2 Lafayette Elioatflex Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Shpg. wt., 150 lbs.	MF-708WX	27.00 Dawn	Net 270.00
Same as MF-692WX, but with 2 Lafayette-Goodmans SK-115WX 15" speakers with 6 1/2 lb. magnets instead of Lafayette-Goodmans SK-110WX speakers. Shpg. wt., 119 lbs.	MF-693WX	28.75 Dawn	Net 287.50
Same as MF-693WX, plus 2 Lafayette CAB-19WX Series Universal Bass Reflex Enclosures (specify finish). Shpg. wt., 227 lbs.	MF-709WX	37.75 Dawn	Net 377.50



Lafayette KT-250

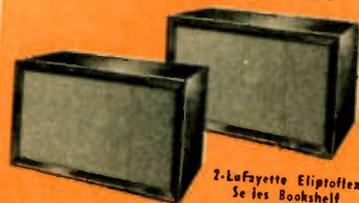


New GE VR-22 (.7 Mil) Stereo Cartridge With Diamond Stylus



Glaser-Steers GS-77

### OPTIONAL SPEAKER ENCLOSURES



2-Lafayette Elioatflex Series Bookshelf Enclosures



2-Lafayette-Goodmans SK-110WX

# OUTSTANDING DESIGN-INCOMPARABLE PERFORMANCE

## 70-WATT DELUXE BASIC AMPLIFIER KIT

- FREQUENCY RESPONSE 10-100,000 CPS  $\pm$  1 DB AT 1 WATT ●
- POWER RESPONSE 20-20,000 CPS  $\pm$  1 DB AT 70 WATTS WITH LESS THAN 2% HARMONIC DISTORTION ● VARIABLE DAMPING ●
- MATCHED-PAIR KT-88 OUTPUT TUBES ● METERED BALANCE & BIAS ADJUSTMENTS ● ULTRA-STABLE CIRCUITRY ● PRINTED-CIRCUIT WIRING ● FAMED CHICAGO WIDE-RANGE LINEAR OUTPUT & POWER TRANSFORMERS

only **69.50**



**FEATURES:** A very conservatively rated amplifier designed for continuous heavy duty and specifically intended as a perfect companion-piece for all of the newest high-fidelity speakers and components. The matched-pair push-pull KT-88's, normally top-rated at 100 watts, are used for only 70 watts maximum output. Similarly, only highest quality, conservatively-rated components are used throughout.

To achieve maximum stability without regard to the kind of speaker load used, phase-correction networks have been kept to a minimum and the power supply uses pure resistance-capacitance filtering to avoid the potentially resonant and unstable performance of choke-filtered circuits.

The calibrated variable-damping factor control provides optimum performance from any of the amplifier output taps with any speaker system, without affecting volume level or frequency response. The control can be switched out of the circuit, if desired. The Balance Adjust Control and Meter enable you to match output tubes when they are replaced. The Bias adjustment, also read on the built-in meter, is a further provision for correct operation of the output tubes when replaced and is your assurance of continuous top quality performance.

**SPECIFICATIONS:** POWER OUTPUT: 70 watts continuous sine wave, 80 watts program material, 160 watts instantaneous peak. HUM AND NOISE: 90 db below rated output. HARMONIC DISTORTION: Less than 1%, 20-20,000 cps. at 60 watts,  $\pm$  1 db; less than 2% at 70 watts. IM DISTORTION: Below 1 1/2% at 70 watts (60 and 7000 cps); less than 1% of 60 watts and below 0.3% at 30 watts. FREQUENCY RESPONSE: 10-10,000 cps  $\pm$  1 db at 1 watt with gradual controlled roll-off above 100,000 cps; 20-20,000 cps  $\pm$  1 db at 70 watts. STABILITY: No peaking or marginal instability with reactive loads. DAMPING FACTOR: Variable 0.5 to 12. INPUT SENSITIVITY: 2.0 volts for 70 watts output. CONTROLS: Calibrated variable damping factor control, bias adjust, balance adjust, and meter switch. METER: Clear plastic-front rectangular meter. TUBES: 2-KT88, 6AN8, GZ34 (Rectifier) plus selenium rectifier. REAR PANEL: Incorporates actual socket designed for use in supplying power for preamplifier. 2 auxiliary 117 volts AC outlets, 2 speaker terminal strips; input jack, and fuse. OUTPUT TAPS: 4, 8, and 16 ohms. Complete with all components and instruction manuals. SIZE: 14 1/2" x 10" d x 7 3/4" h. SHIPPING WEIGHT: 40 lbs.

KT-400WX 6.95 Down Net 69.50  
LA-70WX Same as above, but completely wired and tested. 9.45 Down Net 94.50

## DO-IT-YOURSELF PROFESSIONAL STEREO HI-FI SYSTEM

### COMPONENTS



KT-600WX

LAFAYETTE KT-600WX STEREO PREAMP KIT 79.50  
2-LAFAYETTE KT-400WX 70-WATT AMPLIFIER KITS @ 69.50 139.00  
LAFAYETTE PK-245WX PROFESSIONAL TURNTABLE (Less Base) 64.50

LAFAYETTE PK-270W 12" TONE ARM 17.50  
NEW GE VR-22 (.5 MIL) STEREO CARTRIDGE WITH DIAMOND STYLUS 27.39  
2-LAFAYETTE-GOODMANS SK-115WX 3-WAY 15" SPEAKERS @ 82.00 164.00  
Regular Catalog Price ~~497.89~~

43.95 Down  
24.00 Monthly

You Save **52.39**

**LAFAYETTE SYSTEM PRICE 439.50**

Here is a stereo high fidelity system that you will be proud to own. Each component is an engineering feat! It will provide not only unsurpassable performance but also tremendous savings. It will afford many pleasurable hours after you have assembled as well as when you are assembling it. This system represents, indeed, a summation of the best audio engineering achievements in the past decade with exclusive features that are years ahead of the present. Shpg. wt., 195 lbs. Complete stereo system as listed above. MF-716WX 43.95 Down Net 439.50

Recommended enclosures for the above systems: Lafayette Universal Bass Reflex Enclosure Series. Refer to enclosure pages.

Wood base for Lafayette PK-245WX. Specify finish.

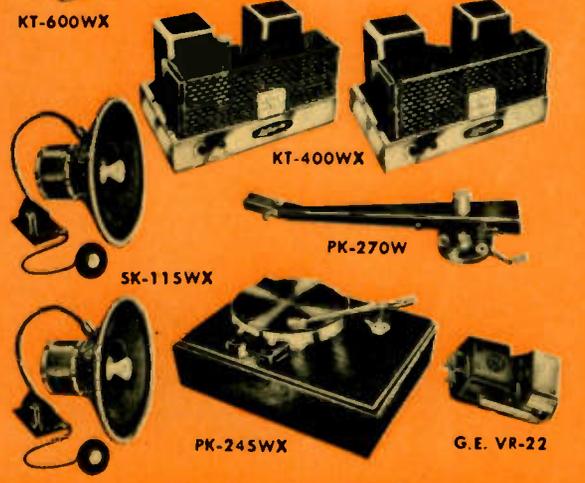
PK-265W Net 14.95

Same as MF-716WX, but with Lafayette PK-280W 16" Tone Arm Instead of PK-270 Tone Arm. Shpg. wt., 196 lbs. MF-717WX 44.15 Down Net 441.50

Same as MF-716WX, but with 2 Lafayette-Goodmans SK-114WX 12" speakers with 6 1/2 lb. magnets and choice of either 2 Lafayette ElioTone Series Bookshelf Enclosures or 2 Lafayette CAB-16WX Series Resonator Enclosures (specify enclosure and finish). Instead of the 2 SK-115WX Speakers. Shpg. wt., 185 lbs. MF-718WX 51.25 Down Net 512.50

### SELECT YOUR OWN CARTRIDGE

You may substitute the Shure M7D, Pickering 371C or the new Electro-Voice 31MD7 in any system shown with the GE VR-22 of no additional cost. The Shure M3D may be substituted at an additional cost of \$24.00.



KT-400WX

PK-270W

SK-115WX

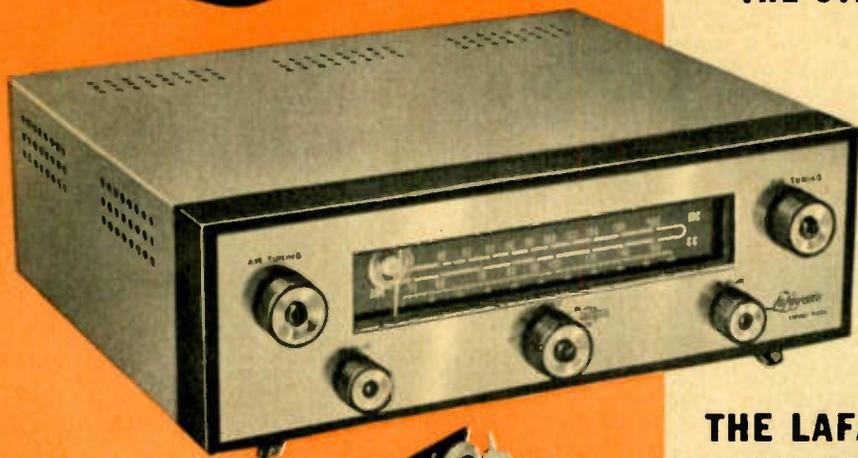
PK-245WX

G.E. VR-22

# Lafayette

## STEREO TUNER KIT

THE STEREO-TUNER IS YEARS AHEAD

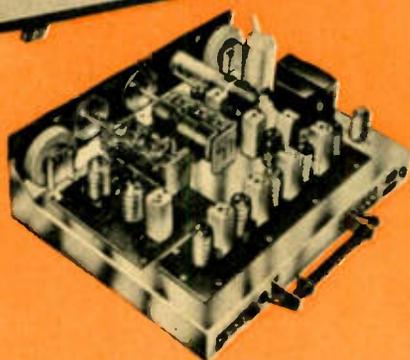


KT-500  
**74.50**

IN KIT FORM

LT-50  
**124.50**  
COMPLETELY WIRED  
AND TESTED

**ONLY  
\$7.45  
DOWN  
\$8.00  
MONTHLY**



### THE MOST FLEXIBLE TUNER EVER DESIGNED!

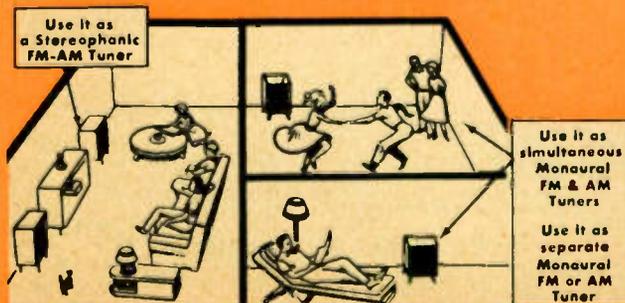
Use it as a Stereophonic FM-AM Tuner

Use it as separate Monaural FM & AM Tuners

Use it as straight Monaural FM or AM Tuner

● MULTIPLEX OUTPUT FOR NEW STEREO FM ● TWO PRINTED CIRCUIT BOARDS AND IF'S PREALIGNED ● 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 CATNODE FOLLOWER OUTPUTS ● EXTREME SENSITIVITY AND WIDE FREQUENCY RESPONSE

### ● THE MOST FLEXIBLE TUNER EVER DESIGNED!



### THE LAFAYETTE STEREO-TUNER IS UNIQUE AND INCOMPARABLE

More than a year of research, planning and engineering went into the making of the Lafayette Stereophonic Tuner. Designed against obsolescence, it incorporates every practical and worthwhile feature that is considered necessary for your complete satisfaction of all present and future types of broadcasting. Already, breathtaking stereophonic programs are being transmitted via FM and AM. It will certainly become more and more the popular method of high fidelity broadcasting. The tuner also provides an output for multiplex FM stereophonic reception, enabling you to enjoy the ultimate in high-fidelity sound reproduction. Since the FM and AM sections are completely independent of each other, this tuner can be used furthermore as a dual-monaural tuner. In this way, the music lovers are able to listen to concert programs on the FM channel in one room, while the younger-set can listen to a different program on AM in another room. In addition, on a monaural program which is broadcasted simultaneously via FM and AM, this tuner will enable you to tune in both channels and reproduce them through individual amplifier-speaker systems. The improvement of quality will be immediately noticeable because the sound source is now distributed and at the same time, the hole-in-the-wall point source effect is completely eliminated. Of course, the unit can also be used as an ordinary type of FM-AM tuner, providing you with unsurpassed quality of reception.

Apart from its unique flexibility, this is, before all else, a superior high-fidelity tuner, employing many features found only in the highest priced units. An inspection of the tubes and parts used will reveal that this tuner is engineered without compromise of any kind. With the Lafayette Stereo-Tuner you are assured of noise-free, drift-free, distortion-free performance. You will not only hear this quality, but also sense it even in the mechanical details; in the "feel" on the velvet-smooth easy flywheel tuning, in the professional appearance of the tastefully selected colors that will blend with any decor. The just-right shade of gold-brass escutcheon contrasts just enough with the dark maroon background, and is set off by matching maroon knobs with gold inserts. The design of the cabinet has the simplicity of modern styling, touched by a stroke of traditional elegance. Carefully designed for easy installation in console if desired. Deluxe features include separate FM and AM sections, each tuned with its own 3-gang tuning capacitor, and each has its individual low impedance cathode follower output. This means that long output cables can be used to connect tuner to amplifier or central center without fear of high frequency loss. Also, separate volume controls are provided for each channel so that, when used for stereophonic reception, a proper balance between channels can be achieved. Without this important feature, the wonderful realism of stereophonic sound would be destroyed. 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. Ferrite rod antenna with loading ring is supplied to bring in weak AM stations for quality reproduction. Designed for easy assembly, the kit is built around two printed circuit boards and prealigned IF's, making construction and wiring simple, even for such a complex unit.

**SPECIFICATIONS** RANGE: FM 88-108MC, AM 530-1650KC. 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  $\mu$ v, 2  $\mu$ v for 30 db quieting; AM Terminal Sensitivity 5  $\mu$ v. SELECTIVITY: FM 200kc bandwidth; 6 db down, AM 8kc BW; 6 db down. FREQUENCY RESPONSE: FM 20-20,000 cps  $\pm$  1/2 db, AM 20-5,000  $\pm$  3 db. FM DRIFT:  $\pm$  3kc Maximum. IMAGE REJECTION: FM 40 db; AM 30 db. I.F. REJECTION: FM 70 db, AM 50 db. RADIATION: MEETS FCC REQUIREMENTS. OUTPUT LEVEL: FM 2 $\frac{1}{2}$ v for 100% modulation, 1V for 30%; AM average 1V. CONTROLS: 5 controls; FM VOL, AM VOL, FM Tuning, AM Tuning, and five position function selector switch. TUBES: 3-68A6, 2-6AU6, 1 each 68K7B, 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, 13 $\frac{1}{2}$ " W x 10 $\frac{1}{2}$ " O x 4 $\frac{1}{2}$ " H. Shpg. wt., 18 lbs. Kit comes complete with all parts and metal cover, a step-by-step instruction manual, schematic and pictorial diagrams.

MODEL KT-500WX Stereo Tuner Kit ..... Net 74.50  
LT-50WX Same as above, completely factory wired and tested ..... Net 124.50

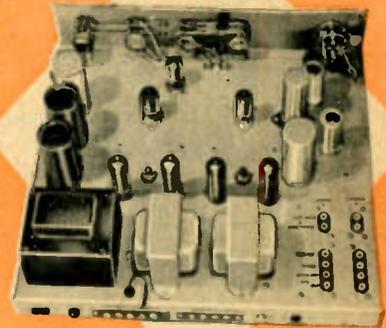
# NEW!

# Lafayette "STEREO 250" KIT



## 50 WATT INTEGRATED STEREO AMPLIFIER

- Two 25 Watt Channels, 50 Watt Monophonic Output
- Response 17 to 21,000 cycles
- Third Channel Output
- New 6CW5/EL86 Output tubes
- Full Range of Controls and Inputs
- New Distinctive Styling
- Individual Bias and Balance Adjustments



Model KT-250  
IN EASY-TO-BUILD KIT FORM **64.50**  
Only 6.45 Down 6.00 Monthly

## NO TECHNICAL SKILL REQUIRED

Designed for ease of construction, the KT-250 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 — eliminate any chance of error or confusion. You build an amplifier comparable in every way to a factory-wired unit — and save real money too!

*You Save!*

*The* new Lafayette KT-250 offers remarkable versatility, high quality of reproduction and new distinctive styling in one convenient low-cost unit — another example of Lafayette's constant effort to provide the audio enthusiast and music lover with audio components that represent the finest quality value in their class.

Designed and engineered for ease of assembly, the KT-250 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. Check the features below — see why the KT-250 is worthy of a place in *your* stereo music system.

### 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-shortening 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.

**3 Pairs of High Level Inputs**—For connection of Crystal or Ceramic phono, Tuner, and auxiliary equipment.

**2 Pairs of Low Level Inputs**—For connection of magnetic 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.

### SPECIFICATIONS

**CONTROLS:** Total of 12 individual controls (3 dual concentric and 6 single); **SELECTOR SWITCH:** 4 position—Phono-Aux-Tuner-Tape Head; **SEPARATION CONTROL:** Continuously variable with power on-off switch; **BASS CONTROL:** Dual concentric, 14 db boost or cut at 50 cps; **TREBLE CONTROL:** Dual concentric, 14 db boost or cut at 10 Kc; **VOLUME-BALANCE CONTROL:** Dual concentric, clutch-operated for independent or simultaneous level control of both channels; **MODE SWITCHES:** 2 slide switches, provide Normal Stereo-Reverse Channel—Mon A—Mon B; **LOUDNESS SWITCH:** On-Off; Provides loudness contour compensation for volume control; **PHASE SWITCH:** Provides electronic phase reversal.

**POWER OUTPUT:** 25 watts per stereo channel (speech music rating), 50 watts monophonic; **FREQUENCY RESPONSE:** 17-21,000 cps  $\pm$  1 db (at normal listening level); **DISTORTION:** Harmonic, less than 0.25% at normal listening level; IM, less than 1%; **HUM AND NOISE:** (At full volume) High Level—74 db below rated output, Low Level—54 db below rated output; **CHANNEL SEPARATION:** Better than 50 db; **SPEAKER OUTPUT IMPEDANCE:** Dual 4, 8 and 16 ohms; **AUXILIARY OUTLET:** 1, switched; **TUBE COMPLEMENT:** 4-6CW5/EL86, 2-7199, 3-12AX7, 3 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" w x 12 3/4" d x 5 1/2" h (with legs and knobs). Shpg. wt., 26 lbs.

**MODEL KT-250WX**—50 Watt Integrated Stereo Amplifier Kit, complete with deluxe cabinet and legs, all necessary parts and detailed assembly manual ..... 6.45 Down ..... Net 64.50

### 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
- Num 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.

# NEW! Lafayette PROFESSIONAL STEREO MASTER AUDIO CONTROL CENTER With All The Versatility Of A Broadcast Studio Control Console



A "Futurama" OF DESIGN FEATURES

LA-600 COMPLETELY WIRED AND TESTED  
**134.50**

KT-600  
**79.50**  
IN KIT FORM

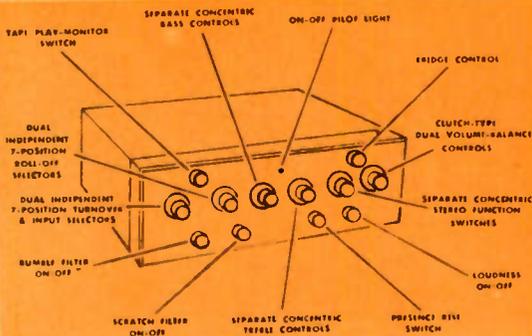
- A GIANT FORWARD STEP IN PREAMPLIFIER DESIGN!
- UNIQUE STEREO & MONAURAL CONTROL CENTER FACILITIES & OUTSTANDING PERFORMANCE SUPERIORITY!
- WITH AMAZING NEW BRIDGE CIRCUITRY & CONTROL FOR VARIABLE 3d-CHANNEL OUTPUT FOR 3-SPEAKER STEREO SYSTEMS!
- VARIABLE CROSS-CHANNEL SIGNAL FEED FOR ELIMINATION OF "HOLE-IN-THE-MIDDLE" EFFECTS WITH STANDARD 2-SPEAKER STEREO!
- HIGHLY PRECISE "NULL" BALANCING & CALIBRATING SYSTEM PROVIDES MORE ACCURATE STEREO BALANCE THAN METERS!

## THE LAFAYETTE KT-600 SOLVES EVERY STEREO/MONAURAL CONTROL PROBLEM

In Lafayette's constant effort to bring you the very latest and most advanced developments in electronics — and particularly in high fidelity — at prices everyone can afford, Lafayette went to the most forward-looking experienced brains in the electronics/high fidelity industry and has now DARED to produce what we think is the MOST REVOLUTIONARY DEVELOPMENT IN STEREO HIGH FIDELITY — A BRILLIANT NEW ACHIEVEMENT — THE LAFAYETTE KT-600 STEREO MASTER AUDIO CONTROL CENTER!

- PRECISION "NULL" STEREO CALIBRATION & BALANCING
- CONTROLLED CROSS-CHANNEL SIGNAL MIXING
- THIRD CHANNEL CONTROLLED OUTPUT
- CONTROLLED MONAURAL MIXING OF ALL INPUTS
- 24 SEPARATE EQUALIZATIONS ON EACH CHANNEL
- MONAURAL RECORDING OR PLAY WITH STEREO SOURCES
- 6 CONCENTRIC FRONT-PANEL CONTROLS
- 4 CONCENTRIC REAR-PANEL INPUT LEVEL CONTROLS
- SWITCHED FLETCHER-MUNSON LOUDNESS CONTOUR COMPENSATION
- PARALLELED OR SINGLE CHANNEL AMPLIFIER DRIVE WITH MONAURAL SOURCES
- 180° PHASE REVERSAL
- CHANNEL REVERSAL WITH OR WITHOUT PHASE REVERSAL

The KT-600 provides 4 dual concentric input level controls for balanced use of different types of program sources — such as AM and FM tuners, tape recorder with microphone, phonograph plus microphone, etc., — without overloading inputs; 3 controls are for high level input, and a separate level control is provided for the output of the preamplifier stage. The KT-600 provides separate tuner and rolloff dual concentric switches for 14 possible positions of accurate equalization on each channel; equalization on each channel may be set independently of the other. Furthermore, all inputs can be variably mixed, monaurally, or will (mix with phono, tape recorder with phono, etc.). The Bridge Control permits cross-channel feed or optionally acts as a volume control for the 3d channel (Bridge) output to eliminate "ping-pong" or "hole-in-the-middle" effects. An audible, sharp, accurate "null" (dip in sound output) is provided by a "Calibrate" position of the Stereo Function Switch working in conjunction with the clutch-type Balance Controls for precise stereo balance — highly important for good stereo performance. The 3d channel output can also serve for mixing any stereo program (stereo record, tape, AM/FM stereo) to produce excellent monaural recordings or to play a stereo program monaurally through a separate amplifier and speaker system in another room. The KT-600 has Electronic Phase Reversal to make up for reversed-phase recordings sometimes found commercially, in which there is a loss of some portions of the frequency spectrum, and to correct speakers connected out of phase. Channel reversal is also present for correct positioning of stereo music to the right or to the left — and this may optionally be accompanied by phase reversal for best overall stereo sound. The KT-600 has a Presence Rise Switch which pulls a solo instrument out of the general musical background with minimum disturbance of orchestral balance.



### PERFORMANCE SPECIFICATIONS FOR SUPER-STEREO

- RESPONSE 10-75,000 CPS ± 0.5 DB
- TAPE HEAD PLAYBACK EQUALIZATION FOR NEW 4 TRACK STEREO
- LOW LEVEL SENSITIVITY 1.78 MILLIVOLTS FOR 1 VOLT OUT
- HIGH LEVEL SENSITIVITY 87 MILLIVOLTS FOR 1 VOLT
- SWITCHED 12 DB/OCTAVE RUMBLE & SCRATCH FILTERS
- LESS THAN .03% IM DISTORTION
- DUAL TAPE MONITOR JACKS & SWITCH FOR RECORD & PLAYBACK
- DUAL INPUTS FOR STEREO/MONAURAL CERAMIC, CRYSTAL OR CAPACITIVE PICKUPS WITH FULL USE OF EQUALIZATION SELECTORS
- SIGNAL-TO-NOISE BETTER THAN -80 DB AT HIGH LEVEL & -62 DB AT LOW LEVEL INPUTS FOR 1 VOLT OUT
- "PRESENCE" SWITCH FOR SOLO PROJECTION
- BASIC CONTROLS ALL CONCENTRIC
- "PLATE FOLLOWER" OUTPUTS FOR LOW IMPEDANCE WITH LOWEST DISTORTION
- 7-TYPE 7025 LOW-NOISE DUAL TRIODES
- 4-AUXILIARY AC OUTLETS

## SPECIFICATIONS

**CONTROLS:** 12 (6 dual concentric, 6 single) on front panel, 4 on rear (dual concentric). **INPUT AND TURNOVER SELECTOR:** 7-position, dual concentric, independently set for each channel. Positions: Aux, Tape Amp, Tuner, AES, RIAA, Tape Head-800, LP. **ROLL-OFF SELECTOR:** 7-position, dual concentric, independently set for each channel. Positions: LP, RIAA, AES, 10.5, 5, Flpt, Tape Head. **BASS CONTROL:** Dual concentric, 15 db boost or cut at 30 cps. **TREBLE CONTROL:** Dual concentric, 15 db boost or cut at 10,000 cps. **RUMBLE FILTER:** On-off switch, 12 db per octave slope, down 12 db per octave slope, down 15 db at 30 cps. **SCRATCH FILTER:** On-off switch, 12 db per octave slope, down 15 db at 15,000 cps. **STEREO FUNCTION SELECTOR:** Dual concentric. Each channel switch selects different functions for both channels. Positions: Monaural A, Monaural B, Stereo, A + B, Calibrate, Colibrote, Reverse Phase, Normal, Reverse Channels, Reverse Channels + Reverse Phase. **VOLUME-BALANCE CONTROL:** Dual concentric. Clutch type; pulling out center knob locks controls apart for independent simultaneous operation as Master "null" stereo balance and calibrating operation; pressing knob back in permits simultaneous operation as Master Volume Control for both channels, with Fletcher-Munson loudness contour compensation when Loudness switch is on. **BRIDGE CONTROL:** Continuously variable, with power on-off switch. Controls variable 3d-channel (Bridge) output and cross-channel signal feed. **LOUDNESS SWITCH:** On-off. Provides loudness contour compensation for Volume and cross-channel signal feed. **PRESENCE SWITCH:** On-off. Provides solo projection by supplying a broad rise over approximately two octaves, centered at 2,500 cps. **TAPE MONITOR SWITCH:** Play-Monitor positions. **REAR PANEL CONTROLS:** **INPUT LEVEL SET CONTROLS:** 3, dual concentric, 250K ohms each, for the 3 high level inputs (Tape Amp, Tuner, Aux). **PHONO LEVEL SET CONTROL:** sets level at output of preamplifier stage for Tape Head, Mag. Phono and Tape Amp, Aux; Low Level—Tape Head, Mag. Phono, Ceramic-Crystal-Capacitive Phono. **OUTPUTS:** 3, Tape (dual), Main Amp, Aux; Low Level—Tape Head, Mag. Phono, Ceramic-Crystal-Capacitive Phono, with level set; Low Level 96,000 (dual), Bridged Output (single). **INPUT IMPEDANCES:** High Level 250,000 ohms, with level set; Low Level less than cps ± 1 db. **IM DISTORTION:** High Level—less than .03% at 1 volt, less than 0.1% at 4; Low level less than .03% at 1 volt (actually so low as to be unmeasurable). **OUTPUT IMPEDANCE:** 1500 ohms ("plate followers") at Main Outputs; Bridge Output 1100 ohms. **AUXILIARY AC OUTLETS:** 4, 1 unswitched to prevent leaving phono gram on with idler engaged. **TUBES:** 7-7025; 2-selenium rectifiers. **POWER:** 105-120 volts, 50/60 cps AC. **SIZE:** 14" W X 4-13/16 X 11 1/2" D, less projections. **SHIPPING WEIGHT:** 16 lbs. **LAFAYETTE MODEL KT-600**—Stereo Preamplifier and Control Center Kit, with printed circuit board for simplicity of construction and stable performance, complete with cage, all necessary components, profusely illustrated instructions and detailed mechanical drawings. **KT-600 WX** ..... Net 79.50 **LA-600 WX** Some as above, completely factory wired and tested ..... Net 134.50

**AND STILL OTHER PROFESSIONAL FEATURES OF LAFAYETTE'S KT-600 ARE:** Tape head equalization for the new 4-track stereo tapes; Master Gain Control for individual or simultaneous adjustment of channel levels, inputs for constant velocity (magnetic) and constant amplitude (ceramic, crystal or capacitive) phono cartridges, all equalized by the Rolloff and Turnover selector switches; Individual channel concentric bass controls and concentric treble controls which permit pre-setting for good stereo tonal balance and maintaining that balance of other tone control settings; tone control circuits use 5% tolerance components and 2 1/2% tolerance precision potentiometers for accurate centering of their "flat" positions; switched rumble and scratch filters; switched Fletcher-Munson loudness contour compensation; tape monitor output jacks and tape Monitor-Play switch permit monitoring with recorders having special monitor heads and preamplifiers and also permit a stereo/monaural tape deck with 1 or 2 record/playback preamplifiers to be permanently connected to the KT-600 for recording and playback; "plate follower" output stages for low impedance (1500 ohm) outputs with extremely low distortion; special low-flux power transformer and DC operation of all filaments for exceptionally low hum and cool operation; low-noise deposited metal-film resistors and 7 of the new premium low-noise type 7025 tubes are used for extra-good signal-to-noise ratio. The KT-600 has printed circuit board construction for ease of wiring and maximum performance stability.

# NEW! Lafayette "STEREO 236" KIT

## 36 WATT INTEGRATED STEREO AMPLIFIER



- 18 Watts per Channel
- Response 15 to 30,000 cps
- Unique "Blend" Control for Variable Channel Separation
- Concentric Clutch-Operated Volume Control
- Inputs for Stereo and Monophonic Sources



Model KT-236 IN KIT FORM **52.50**  
5.00 Down 5.00 Monthly

## A NEW LOW-COST STEREO AMPLIFIER ANYONE CAN BUILD

With this single unit you can precisely control and reproduce all monophonic and stereo sources. The two 18 watt stereo channels provide plenty of power for home music systems, and you can also use the KT-236 as a single 36 watt amplifier to feed one or two speakers. Fine wide-range stereo reproduction can be yours when you build this easily constructed kit. It has 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.

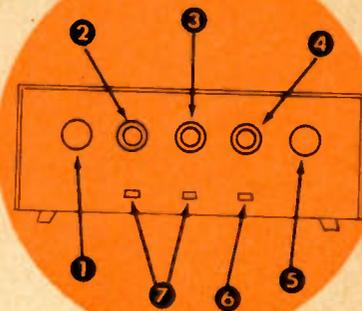
## SPECIFICATIONS

**POWER OUTPUT:** 18 watts per channel, within 1 db; 36 watts monophonic. **FREQUENCY RESPONSE:** 15-30,000 cps  $\pm 1$  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 Crystal Phono, dual Mag. Phono. **OUTPUTS:** (Total 4) Dual main

speaker output, dual Tape Out jacks. **TUBE COMPLEMENT:** 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 $\frac{1}{2}$  wide x 11 $\frac{1}{2}$  deep x 5 $\frac{3}{8}$  high (with legs and knobs). Shpg. wt., 24 lbs.

**MODEL KT-236WX** — 36 watt Integrated Stereo Amplifier Kit, complete with deluxe cabinet and legs, all necessary parts and detailed assembly manual.....5.25 down Net 52.50

ALL LAFAYETTE KITS ARE SUPPLIED WITH EASY-TO-FOLLOW INSTRUCTIONS



## Deluxe Stereo Controls

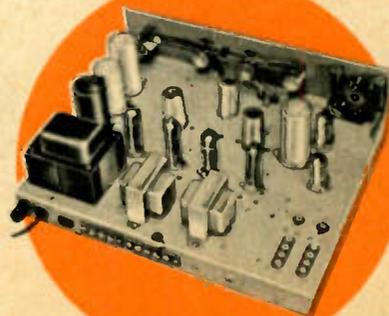
- 1 3-position Selector switch
- 2 Dual concentric Bass control
- 3 Dual concentric Treble control
- 4 Concentric clutch-operated Volume control
- 5 Unique "Blend" control
- 6 Phase reverse switch
- 7 Mode switches

## Superior Audio Circuitry

- Accurate RIAA equalization on phono inputs
- Dual hum balance controls for hum-free operation
- Total of 9 tubes plus 2 silicon diodes
- Excellent DC power supply regulation provided by silicon diodes
- Facilities for recording on tape
- 14 db boost or cut provided by each tone control

## Easy to Build

Anyone can build this low-cost stereo amplifier — 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.



# Lafayette's HIGH-QUALITY COMPONENTS KITS

## KT-310 36 WATT (18 WATTS PER CHANNEL) STEREO BASIC POWER AMPLIFIER KIT

- 36-WATT STEREO AMPLIFIER - 18-WATTS EACH CHANNEL
- EMPLOYS 4 NEW PREMIUM-TYPE 7189 OUTPUT TUBES
- 2 PRINTED CIRCUIT BOARDS FOR NEAT, SIMPLIFIED WIRING
- RESPONSE BETTER THAN 35-30,000 CPS  $\pm$  1/2 DB AT 18 WATTS
- LESS THAN 1% HARMONIC OR INTERMODULATION DISTORTION

only **47.50**

(\$4.75 DOWN, \$5.00 MONTHLY)



Save lots of money without sacrificing high-fidelity performance by assembling this carefully engineered basic amplifier kit. Designed for both stereo and monaural applications—circuit provides 18 watts on each stereo channel or can deliver a hefty 36 watts when operated monaurally. TRUE HIGH-FIDELITY RESPONSE with coverage from 35 to 30,000 cps  $\pm$  1/2 db at 18 watts. Four premium-type 7189 output tubes are your assurance of true, undistorted reproduction of all program material. Less than 1% IM or harmonic distortion. CONTROLS include two input volume controls, a channel-reverse switch (AB-BA), and a monaural/stereo mode switch. DUAL OUTPUT IMPEDANCES of 4, 8, 16 and 32 ohms, the latter tap permitting the parallel (monaural) operation of two speaker systems of up to 16 ohms impedance. INPUT SENSITIVITY is 0.45 volt per channel for full output. PRINTED CIRCUIT BOARDS make it easy for even the beginner to assemble his own amplifier. The illustrated instruction manual which comes with the kit outlines each step clearly and completely. The kit includes all parts, the perforated metal cage shown in the photograph, tubes, and instruction manual. Over-all measurements are: 9-3/16" deep (10-9/16" with control knobs), 5 1/4" high, and 13 1/4" wide. Shipping weight is 22 lbs.

KT-310WX	5.00 Down	Net 47.50
LA-310 WX Same as above, but completely wired and tested.	7.25 Down	Net 72.50

## KT-300 MASTER AUDIO CONTROL CENTER KIT



ONLY 3.95 Down  
5.00 Monthly **29.50**

- HIGHLY FLEXIBLE—CANNOT BECOME OBSOLETE ● DC ON ALL FILAMENTS—HUM-FREE OPERATION ● UNIFORMLY FLAT FREQUENCY RESPONSE OVER ENTIRE AUDIBLE SPECTRUM ● SEPARATE TURNOVER & ROLL-OFF SWITCHES
- PRINTED CIRCUIT WIRING

An outstanding achievement in the audio field. The dual volume control allows you to adjust the output of a second preamplifier (using the KT-300 as the control center)—ideal when converting existing hi-fi system to stereo. Front Panel Controls include—Selector: Radio, Aux, Tape, Phono (AES, RIAA, 800, LP). Roll-Off: LP, RIAA, AES, Old London LP, FRFR-78, Flat, NARTB tape head. Bass, Treble, Loudness-Volume (concentric dual control, one with power on-off). Separate loudness on-off switch. Tape Monitor Switch, Rumble Filter, Gain Control, Radio Input Level Control. Inputs: Radio, Tape, Tape Head, Aux, Mag, Phono, High Level Phono, High Level for control of 2nd channel (unamplified); Tape Recorder (unaffected by volume and tone controls). Frequency response: uniformly flat over entire audio spectrum. Harmonic distortion: Less than .07% at 1 volt output. Sensitivity: Mag.—2 mv for 1 volt out; Radio, Tape, Aux—0.2 volts for 1 volt out. Hum and noise: 80 db below 3 volts at full gain. Tubes: 3 ECC83 and 2-selenium rectifiers. For 105-125 V., 50/60 cycles AC. anodized gold finish aluminum panel, case gold finish with dark maroon trim. Die-formed metal case. Complete with all components and instruction manual. Size: 12 1/4" x 9 1/4" x 3 3/4". Shpg. wt., 10 1/2 lbs.

KT-300WX	5.00 Down	Net 29.50
LT-30WX. Same as above, but completely wired and tested.	5.00 Down	Net 49.50

## KT-315 STEREO REMOTE CONTROL CENTER KIT



- TWO LOW NOISE 7025 DUAL-TRIODES
- POSITIVE CONTROL 50 FEET OR MORE
- BRIDGE BALANCING CIRCUIT
- OUTPUT FOR "THIRD CHANNEL"
- CLUTCH-TYPE VOLUME CONTROL

**27.50**

This self-powered electronic adapter offers exciting features unique even in the fast moving stereo field. Inclusion of low-impedance "plate follower" outputs permits remote operation 50 feet or more from the controlled amplifier. Unusual bridge circuit assures precise balancing of the stereo system by means of audible "null." Objectionable "hole-in-the-middle" effect can be eliminated by cross-feeding variable amounts of audio from each channel. Includes controlled third-channel output for driving third amplifier and speaker, if desired. Individual or simultaneous control of each channel. Phase reversal with or without channel reversal. Selective monaural operation. Frequency response 10 to 25,000 cps  $\pm$  0.5 db; gain 6 db; cross channel rejection better than 50 db. Premium type 7025 dual triodes. Printed circuit boards for easy error-free assembly. Complete, profusely illustrated manual included. Adapter with cage measures 6 1/4" wide x 4 1/4" high x 7" deep (not including knobs and projections). Shipping weight 7 1/2 lbs.

KT-315WX	5.00 Down	Net 27.50
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# Lafayette Outstanding VALUES IN AUTOMATIC RECORD CHANGERS!

## Nationally Advertised

### 4-SPEED AUTOMATIC RECORD CHANGER

COMPLETE WITH THE BRAND NEW GE VR-22 (.7 MIL) DIAMOND STEREO CARTRIDGE



Regular 68.00  
**Special 39.95**  
Only \$5.00 Down



ANOTHER FABULOUS BUY at Lafayette! This is a brand new current changer made by a famous manufacturer, plus the new General Electric VR-227 (.7 MIL) Diamond Stereo Cartridge, offering the finest reproduction from both stereo and monaural records. This cartridge features 20-17,000 cps response, —30 db channel separation, tracks at 5 to 7 grams. This deluxe changer features automatic intermix of different size records, a muting switch, click filter, and automatic shutoff after the last record is played. The heavy rim-weighted turntable, the heavy duty 4 pole shaded pole motor and a rugged drive system, all combine to produce even, smooth torque with no speed variations; there is practically no wow, no flutter, no rumble. And don't forget Lafayette's MONEY BACK GUARANTEE if you don't agree that you have received an exceptional value. Size: 12 1/4" x 13 1/4" requiring 5" clearance above and 2-11/16" below motor-board. Shpg. wt., 21 lbs. less base.

RECORD CHANGER WITH NEW GE VR-227 (.7 MIL) DIAMOND STEREO CARTRIDGE. Net 39.95  
 PK-330WX  
 RECORD CHANGER WITH FAMOUS GE 4G-052 (1 MIL) DIAMOND MONAURAL CARTRIDGE. Net 39.95  
 PK-250WX  
 RECORD CHANGER WITH GE GC-7 (.7 MIL) DIAMOND STEREO CARTRIDGE. Net 34.95  
 PK-251WX  
 RECORD CHANGER WITH PICKERING 371C (.7 MIL) DIAMOND STEREO CARTRIDGE. Net 42.50  
 PK-252WX

WOOD BASES FOR ABOVE  
 PK-359W MAHOGANY BASE 3.95  
 PK-360W BLONDE BASE 3.95  
 PK-361W Walnut Base 4.50

## NATIONALLY ADVERTISED

### CHANGER

Tremendous Buy for Stereo!!



FOR STEREO AND MONAURAL CARTRIDGES



~~38.50~~ Regular  
**Special 24.50**  
Only \$5.00 Down

A superb value for the "stereophile"—Top name brand, 4-speed stereo changer with tone-arm which will accept all standard stereo cartridges. Automatic intermix handling of records, muting switch for soundless change. Automatic shaded 4 pole motor for top quality reproduction. If you don't agree that this changer is a top buy—your money will be refunded. Changer measures 12 1/4" x 13 1/4" with 5" clearance above and 2-11/16" below motor-board. Shpg. wt., 21 lbs. less base.

RECORD CHANGER (less cartridge) Net 24.50  
 STEREO TURNOVER CARTRIDGE WITH TWO SAPPHIRE STYLI (.75 & 2.5 MILS) Net 29.95  
 PK-276WX  
 RECORD CHANGER COMPLETE WITH ELECTRO-VOICE MAGNORAMIC MAGNETIC INPUT. Net 35.50  
 PK-337WX  
 RECORD CHANGER COMPLETE WITH ELECTRO-VOICE 31D-7 CERAMIC STEREO CARTRIDGE WITH 7 MIL DIAMOND STYLUS. FOR CERAMIC OR CRYSTAL INPUT. Net 33.50  
 PK-338WX  
 RECORD CHANGER COMPLETE WITH RONNETTE MONAURAL TURNOVER CARTRIDGE WITH 1 MIL AND 3 MIL SAPPHIRE STYLI. Net 33.50  
 PK-339WX

WOOD BASES FOR ABOVE Net 27.45  
 PK-374W MAHOGANY BASE 3.95  
 PK-375W BLONDE BASE 3.95  
 PK-376W WALNUT BASE 4.50

## NEW! UNITED AUDIO DUAL-1006 4-SPEED COMBINATION STEREO TURNTABLE/CHANGER



A remarkable new record changer featuring design principles normally found only in professional turntables: one-piece free-floating tone arm that tracks at 1 1/2 grams; tone arm snap-in cartridge holder takes any 2, 3, 4, 5-terminal cartridge; built in stylus pressure gauge; heavy laminated turntable defies warping, retains dynamic balance; precision motor reaches full speed under load in 1/2 sec. New 4-speed control system prevents "flot-spot" thumping; special stereo-mono switch circuit eliminates vertical track noise when stereo cartridge is played on monaural records. Unique "elevator action" intermix changer action safeguards record grooves and centers. Performance specs match best turntables. Complete with 2-cartridge holders, single play spindle, changer spindle, and adapter disc for 45's, 110/220V, 60 cyc/AC. Chassis 10 1/2" x 13"; requires 3" clearance below, 6" above. Shpg. wt., 20 lbs.

DUAL-1006 RECORD CHANGER (LESS BASE) WITH 3 1/2 LB. TURNTABLE. NET 69.95  
 GR-186WX

DUAL-1006X RECORD CHANGER (LESS BASE) WITH 5 1/2 LB. TURNTABLE. NET 74.50  
 GR-187WX

WOODEN BASE FOR DUAL RECORD CHANGERS. SPECIFY MAHOGANY OR WALNUT FINISH. NET 4.95  
 GR-188W

DUAL AS-4 AUTOMATIC 45 RPM RECORD CHANGER SPINDLE. NET 4.50  
 PK-392

## V-M STEREOMATIC 4-SPEED CHANGERS



MODEL 1201—An authentic high-fidelity stereo changer, popular-priced to suit any budget. Loaded with features only found in much higher priced units. Feather-light tone-arm is equipped with a stereo cartridge. It will accept most standard ceramic and crystal cartridges, both monaural and stereo. Also provided with stereo-mono switch and jacks. V-M's "Sisto-Matic" automatically retracts the drive idler to eliminate development of "bumps." Exclusive patented "Tri-O-Matic Spindle" lowers the record gently to the spindle shelf. New low-torque mechanism and heavy turntable assure minimum wow and quiet performance. The turntable is fitted with a special rubber mat to keep the records clean. 4-speeds selected conveniently by a single knob. Positive intermix of 12" and 10" records in any order. Jam-proof and fool-proof. Smart new styling. For 110-120V, 60 cps. Size: 12 1/2" x 13 1/4" x 8-5/16". Shpg. wt., 10 1/2 lbs. Less Base.

GR-205W—with ceramic stereo cartridge. NET 40.00  
 MODEL 1202—Less cartridge but with plug-in head which will accommodate most standard monaural and stereo cartridges. 4-pole motor. For Mag. Cart.

GR-206W NET 40.00  
 MODEL 1227—Same as 1201 but with attractive bakelite base. Shpg. wt., 15 lbs.

GR-207W NET 44.80  
 MODEL 1229—Same as 1202 but with attractive bakelite base. Shpg. wt., 15 lbs.

GR-208W NET 44.80

### VM ACCESSORIES

9759 45 RPM SPINDLE—Fits all VM Models. NET .90  
 PK-348  
 9045 MOUNTING BOARD—Pre-cut, unfinished mounting board. Shpg. wt., 1 lb. NET 1.45  
 PK-349W

## WECOR 4-SPEED STEREO DISKCHANGERS



Plays all sizes. Intermixes 10" and 12". 5-11 gram stylus adjustment. Shuts off after last record. Heavy turntable—Low rumble and wow. Golden Beige and Brown. Mfg. Dimensions: 13 1/2" D x 14-11/16" W x 9 1/4" H; 5 1/2" above and 4" below. For 110-120 Volts 60 cycles AC.

MODEL TR1031-1 IMPERIAL CHANGER Plug-In head. Sonotone Stereo ceramic cartridge with diamond/sapphire styli. Shpg. wt., 11 1/2 lbs. NET 55.50  
 GR-220W (less base)  
 MODEL TR1031-21 IMPERIAL CHANGER Has Shure M7D (.7 MIL) Diamond Stereo Cartridge. Shpg. wt., 11 1/2 lbs. NET 61.55  
 GR-221W (less base)  
 MODEL TR1031-27 IMPERIAL Less Cartridge with 2 plug-in heads. Shpg. wt., 11 1/2 lbs. NET 45.38  
 GR-222W (less base)  
 MODEL TR1041-1 CUSTOM CHANGER Has Astatic ceramic Stereo cartridge with Diamond-Sapphire styli. Shpg. wt., 10 1/2 lbs. NET 40.80  
 GR-223W  
 MODEL TS1042-1 Same as above on base ready to plug-in. Size 14 1/4" w x 13 1/4" d x 9 1/4" h. Shpg. wt., 15 lbs. NET 48.14  
 GR-226W  
 MODEL TR1041-21 CUSTOM CHANGER Features GE Stereo magnetic cartridge with .7 mil Diamond stylus. Shpg. wt., 10 1/2 lbs. NET 54.03  
 GR-224 W (less base)  
 MODEL TS1042-21 Same as above on base ready to plug-in. Size 14 1/4" w x 13 1/4" d x 9 1/4" h. Shpg. wt., 15 lbs. NET 61.11  
 GR-227W  
 MODEL TR1041-27 CUSTOM CHANGER Less Cartridge. With 2 plug-in heads. Shpg. wt., 10 1/2 lbs. NET 39.50  
 GR-225W (less base)  
 GR-228W A-1937T Metal Base. wt., 5 lbs. NET 5.67  
 PK-347 A-1930 45 RPM Spindle. wt., 1 lb. NET 2.94  
 GR-229W A-1938 Cut mfg. board. wt., 1 lb. NET 1.96

IT'S QUIET  
"CLEAN"

IT'S  
CORRECT  
CON-  
VENIENT

IT'S  
GENTLE  
ECONOMICAL

# Garrard



## RC88 "TRIUMPH II" CHANGER Wired For Stereo & Monaural

4-speed deluxe Auto-Manual changer wired for stereo and monaural use. Full manual position. Smooth, quiet shaded 4-pole "Induction-Surge" motor, silent free-wheeling ball-bearing turntable mount and oversized live rubber idler traction wheel. Features a true-turret drive with all 4 speeds operating off the motor on a single turret which eliminates drive belts. Heavy steel precision turntable. Simplified stylus pressure and pickup height adjustments. Floating motor completely isolated and damped. Size 15 1/2" x 13 1/4", 5 3/4" above and 3 1/8" below mounting board. Complete with line cord, pickup cables, plug-in shells, mounting hardware, standard and manual spindles 45 rpm adaptor. Less cartridge and automatic 45 rpm spindle. Shpg. wt., 16 lbs.

GR-126W. Less cartridge 5.83 Down Net 58.31

## RC98 "CROWN II" CHANGER Wired For Stereo & Monaural

Deluxe edition of RC88 with continuously variable control for wide adjustment of each speed. With 45 spindle. Shpg. wt., 17 lbs.

GR-125W. Less Cartridge 6.81 Down Net 68.11



## RC210 "PRIDE" RECORD CHANGER WIRED FOR STEREO & MONAURAL

This precision 4-speed changer is the latest addition to the Garrard line. New "side/slide" control levers for fast, simple speed selection and automatic or manual operation. "Induction Surge" 4 pole motor is employed with Garrard intermix changing mechanism. Wired for stereo and monaural use. Handsomely finished in sparkling white, chrome and satin black. Dimensions are 14 7/8" x 13", 5" above 3 1/8" below motor board. Complete with line cord, pickup cables, plug-in shell and mounting hardware less 45 rpm spindle and cartridge. Shpg. wt., 14 lbs.

GR-133W. Less cartridge 4.85 Down Net 48.51



EXCLUSIVE,  
FOOLPROOF  
PUSHER  
PLATFORM

## GARRARD CHANGERS WITH NATIONALLY FAMOUS CARTRIDGES

All supplied with compatible stereo-monaural cartridges with single .7 mil diamond stylus.

STOCK NO.	DESCRIPTION	NET
GR-127W	RC121 "Renown II" Less Cartridge	41.65
GR-128W	RC121 With GE VR-227 .7 Mil Diamond Stylus	66.10
GR-129W	RC121 With Shure M7D .7 Mil Diamond Stylus	65.17
GR-130W X	RC121 With Shure M3D .7 Mil Diamond Stylus	85.75
GR-131W	RC122 With Pickering 371C .7 Mil Diamond Stylus	65.17
GR-132W	RC210 With EV 31MD7 .7 Mil Diamond Stylus	65.17
GR-133W	RC210 "Pride" Less Cartridge	48.51
GR-134W	RC210 With GE VR-227 with .7 Mil Diamond Stylus	73.96
GR-135W	RC210 With Shure M7D with .7 Mil Diamond Stylus	72.03
GR-136W X	RC210 With Shure M3D with .7 Mil Diamond Stylus	92.61
GR-137W	RC210 With Pickering 371C .7 Mil Diamond Stylus	72.03
GR-138W	RC210 With EV 31MD7 .7 Mil Diamond Stylus	72.03
GR-126W	RC88 "Triumph II" Less Cartridge	58.31
GR-139W	RC88 With GE VR-227 .7 Mil Diamond Stylus	82.76
GR-140W	RC88 With Shure M7D .7 Mil Diamond Stylus	81.83
GR-141W X	RC88 With Shure M3D .7 Mil Diamond Stylus	102.41
GR-142W	RC88 With Pickering 371C .7 Mil Diamond Stylus	81.83
GR-143W	RC88 With EV 31MD7 .7 Mil Diamond Stylus	81.83
GR-125W	RC98 "Crown II" Less Cartridge	68.11
GR-144W X	RC98 With GE VR-227 .7 Mil Diamond Stylus	92.56
GR-145W X	RC98 With Shure M7D .7 Mil Diamond Stylus	91.63
GR-146W X	RC98 With Shure M3D .7 Mil Diamond Stylus	112.21
GR-147W X	RC98 With Pickering 371C .7 Mil Diamond Stylus	91.63
GR-148W X	RC98 With EV 31MD7 .7 Mil Diamond Stylus	91.63
Garrard Changers with G.E. Monaural Cartridges		
GR-149W	RC121 With GE VR-II with Diamond LP and Sapphire 78	60.56
GR-150W	RC210 With GE VR-II with Diamond LP and Sapphire 78	67.43
GR-151W	RC88 With GE VR-II with Diamond LP and Sapphire 78	77.22
GR-152W X	RC98 With GE VR-II with Diamond LP and Sapphire 78	87.02



## RC 121/II "RENOWN II" CHANGER WIRED FOR STEREO & MONAURAL

New changer, replacing the highly respected RC-121 "Renown". New features—true intermix changes 12" and 10" records in any order; utilized control for instant selection of either automatic or full manual operation; stop/pause control—interrupts performance and begins again at the exact same spot; cast aluminum tone arm. Uses powerful 4-pole shaded "Induction Surge" motor. True-turret drive. Heavy steel precision turntable for minimum rumble, flutter and wow. Wired for stereo or monaural use. Other features—semi-automatic trip mechanism; self-neutralizing pull-away idler, and etc. Size, 14 1/2" x 13", 5" above 3 1/8" below motor board. Complete with accessories, less cartridge and 45 rpm automatic spindle. Shpg. wt., 14 lbs. GR-127W. Less cartridge 4.17 Down Net 41.65

RECORD PLAYING EQUIPMENT IS AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

# ACCESSORIES

For use with Garrard changers, turntable, and tone a. n.



CARRYING CASES

MOUNTING BOARD

MOUNTING BASES

## WOOD MOUNTING BASES

Choice of Mahogany, Blance, or Walnut. Shpg. wt., 4 lbs. Specify finish.

STOCK NO.	DESCRIPTION	NET
PK-393W	FOR RC-88 OR RC-98	4.85
PK-394W	FOR RC-210	4.85
PK-395W	FOR RC-121/II	4.51
PK-396W	FOR T/II	6.37
PK-397W	FOR 4HF	6.37
PK-398W	FOR 301	8.77

## WOOD MOUNTING BOARD

Unfinished, smooth sanded. Shpg. wt., 1 1/2 lbs.

STOCK NO.	DESCRIPTION	NET
PK-399W	For RC-88 or RC-98	2.20
PK-401W	For RC-210	2.20
PK-402W	For RC-121/II	2.20
PK-403W	For T/II	2.20
PK-404W	For 4HF	2.20

## CARRYING CASES

Portable Wood cases with handsome simulated leather covering. Shpg. wt., 6 lbs.

STOCK NO.	DESCRIPTION	NET
PK-405W	For RC-88 or RC-98	14.70
PK-406W	For RC-210	14.70
PK-407W	For RC-121/II	14.70
PK-408W	For 4HF	19.11

## GARRARD STYLUS PRESSURE GAUGE

Measures the weight exerted by the stylus on a record. Pressure calibrated in grams. Shpg. wt., 5 ozs.



PK-77 Net 2.45

## 45 RPM AUTOMATIC SPINDLES

Shpg. wt., 10 oz.  
Model 45S21/□ — For use with RC-121/□ & RC-210.

PK-409 Net 3.72

Model 45S8. For use with RC-88 & RC-98.

PK-410 Net 3.72



## GARRARD STEREO CONVERSION KITS

Kit contains leads, shell, hardware, and instructions to convert older monaural models to stereo.

GR-163 Shpg. wt., 12 oz. Net 4.85

Same as above, but for RC-121/□. Net 4.85

GR-164 Shpg. wt., 12 oz. Net 4.85

# WORLD'S FINEST STEREO RECORD PLAYING EQUIPMENT

## 4HF 4-SPEED MANUAL PLAYER

### Wired For Stereo & Monaural

Deluxe professional type, manual transcription player with 12" heavy weight turntable and "TPA/12 inspired" tone arm, on single unit plate. 4-speeds, with variable speed adjustment. New lubricating system. Supplied with plug-in Universal head. For 100/130 volts, 60 cps. (50 cycle bushing available.) Size, 17 1/4" x 13 1/4", 3 1/2" above and 3 3/4" below motorboard. Shpg. wt., 15 lbs.

GR-124W. Less Cartridge 5.83 Down Net 58.31

4HF With GE-VR-227 Stereo Diamond Cartridge. Net 82.76

GR-153W. 8.28 Down Net 82.76 With GE VR II Monaural Diamond-Sapphire Cartridge.

GR-154W 7.72 Down Net 77.22 With SHURE M7D Stereo Diamond Cartridge.

GR-155W 8.18 Down Net 81.83 With SHURE M3D Stereo Diamond Cartridge.

GR-156WX 10.24 Down Net 102.41 With PICKERING 371C Stereo Diamond Cartridge.

GR-157WX 8.18 Down Net 81.83



BUILT-IN CONVENIENT ARM LIFT



## T/II MANUAL PLAYER

### WIRED FOR STEREO & MONAURAL

Compact and efficient 4-speed manual player for fine reproduction of either stereo or monaural discs. Heavy Duty 4-pole shaded induction surge motor. Size 14 3/4" x 12 1/2", 3" above and 2-1/6" below motorboard. With 45 rpm adaptor, rubber turntable mat, etc. Shpg. wt., 14 lbs.

GR-158W. Less Cartridge 3.19 Down Net 31.85 With GE VR-II Monaural Dual-Sapphire Cartridge.

GR-159W 4.06 Down Net 40.62 With GE VR-II Monaural Diamond-Sapphire Cartridge.

GR-160W 5.08 Down Net 50.76 With GE VR-227 Stereo Diamond Cartridge.

GR-161W 5.63 Down Net 56.30 With SHURE M7D Diamond Stereo Cartridge.

GR-162W 5.54 Down Net 55.37



## GARRARD TPA/12 STEREO TONE ARM

New high-fidelity tone arm for use with stereo cartridges. Uses precision chronometer-type bearings for smooth, free motion. New simple and easily accessible weight adjustment. Single hole mounting permits mounting the arm without using templates. Will play all sizes of records up to and including 16". Plug-in head permits quick change of cartridges, both stereo and monaural. Completely stereo wired which makes it suitable for any turntable. Finished in gleaming chrome and white. Shpg. wt., 2 lbs.

GR-122 Net 19.50

## 301 "PROFESSIONAL" TURNTABLE WIRED FOR STEREO & MONAURAL

A hi-fi 3-speed turntable designed to professional specifications. Exclusive heavy duty motor has a dynamically balanced armature. Precision 6 1/2 lb. 12" aluminum turntable. Eddy current brake permits variation of all speeds. Less than 0.2% wow; less than .05% flutter, or 100-130/200-250 Volt, 60 cycle A.C. operation. 50 cycle pulley available. Size: 16" x 13 3/4", 2 1/2" above and 3 3/4" below motorboard. Supplied with line cord, and some stroboscopic disc and individual inspection report. Shpg. wt., 20 lbs.

GR-123WX 8.72 Down Net 57.22

LAFAYETTE IS AMERICA'S LEADING HIGH-FIDELITY SUPPLIER

# NATIONALLY FAMOUS CHANGERS AND TURNTABLES

## NEW! COLLARO TC-99 CONSTELLATION TRANSCRIPTION CHANGER



- 6½ LB DIE-CAST NON-MAGNETIC TURNTABLE
- EXCEEDS NARTB STANDARDS FOR WOW, FLUTTER AND RUMBLE
- 2-PIECE TRANSCRIPTION ARM
- 4-POLE EXTRA HEAVY-DUTY MOTOR

**58.31**

(less cartridge and base)

A new 4-speed stereo changer specifically designed for the connoisseur, the TC-99 provides transcription performance with full automatic operation. Each model is laboratory checked and comes with its own lab specification sheet. Flutter guaranteed not to exceed 0.4%, wow 0.15%.

Extra heavy-weight, non-magnetic turntable assures smooth, constant operation and provides a reduction in magnetic hum pick-up. Heavy-duty 4-pole hum shielded motor is precision balanced. Full automatic intermix handles 7", 10", and 12" records in any order.

Also featured is a new two-piece transcription arm designed to professional standards to track records with minimum distortion and lowest amount of pressure. Plug-in head accepts all standard stereo and monaural cartridges. Additional features: switch for manual operation; double muting switch and pop filter; automatic idler disengagement; automatic shut-off after last record. Changer is supplied complete with two audio cables ready to be plugged into stereo system and styled in handsome two-tone ebony color scheme to fit any decor; tropicalized

against adverse weather and humidity conditions. Size 12" W x 13½" D, clearance 5" above and 2¼" below motor board. Shpg. Wt., 25 lbs.

COLLARO TC-99 Stereo Changer (less cartridge and base). Net 58.31

GR-10WX 5.83 Down Net 58.31

Same as above, with Ranelite crystal stereo cartridge. Net 70.90

GR-11WX 7.09 Down Net 70.90

With Collaro ceramic stereo cartridge. Net 68.06

GR-12WX 6.81 Down Net 68.06

With Collaro ceramic stereo cartridge and diamond stylus. Net 76.44

GR-13WX 7.64 Down Net 76.44

With Shure M7D Dynetic Stereo Cartridge and diamond stylus. Net 81.83

GR-14WX 8.18 Down Net 81.83

With GE VR227 Magnetic Stereo Cartridge and diamond stylus. Net 82.76

GR-15WX 8.28 Down Net 82.76

Wood-bases (in Mahogany, Bland and Walnut) and mounting boards (unfinished for easy staining) are available for the Collaro TC-99. Please see facing page.

## GLASER-STEERS GS-77 4-SPEED STEREO RECORD CHANGER



PLASTIC COVER

- "SPEEDMINDER" AUTOMATICALLY SELECTS CORRECT SPEED
- UNIQUE "TURNTABLE PAUSE" FEATURE BETWEEN CYCLES
- SHORT 9 SECOND CHANGE-CYCLE
- TRANSCRIPTION-TYPE TONE ARM
- INAUDIBLE WOW, RUMBLE AND FLUTTER

**59.50**

(less cartridge and base)

This precision-engineered instrument includes many new features that make it the ideal stereo changer. Amazing "SPEEDMINDER" automatically selects correct turntable speed, and provides record and stylus protection no other changer can equal. The transcription-type tone arm is dynamically balanced and features acoustically isolated suspension for distortion-free reproduction. Arm is also equipped with 2 quick-change cartridge holders. Other fine features include: turntable pause during cycle to protect records against rubbing; double channel muting switch; Stereo-Manual switch; 4-pole hum-shielded motor with balanced rotor, automatic and manual operation; at all 4 speeds complete intermix of all size records

in any sequence, automatic idler wheel disengagement in off position. Handsomely styled in ebony with brushed gold trim, and oyster white turntable pod. Size: 13½" W x 12" D, 3" below and 3¼" above mounting board. Operates from 105-130 volts 60 cycle AC. Shpg. wt., 13 lbs.

GLASER-STEERS GS-77, less cartridge and base. Net 59.50

GR-50WX 5.95 Down Net 59.50

PK-350W Woodbase ebony with gold trim 5 lbs. Net 9.60

PK-351W Mounting Board, unfinished 1 lb. Net 2.40

PK-352 Automatic 45 spm spindle 1½ lbs. Net 2.95

GR-51 Plastic Cover Shpg. wt., 8 oz. Net 9.75

## AUDIOGERSH "MIRACORD" CHANGER & MIRAPHON PLAYER



MIRACORD  
XS-200

### 4-SPEED STEREO CHANGER

Push-Button Controlled Throughout  
The "push button" miracle of high fidelity sound. You can START, STOP, PAUSE, REPEAT or FILTER by merely activating the 5 push buttons. Two advanced design spindles make the MIRACORD XS-200 a 2-in-1 fully automatic instrument. Other deluxe features include: 4½ lb. professional type turntable; heavy duty 4-pole screened motor, special damped tone arm with interchangeable plug-in head; stereo-manual switch. Unit is absolutely hum-free, with wow and flutter less than .15%. Complete with all leads and plugs attached—ready for stereo or monaural operation. Dimensions 12½" x 10¼", requiring 2½" above and 2¼" below mounting board. Shpg. Wt., 17½ lbs.

MIRACORD XS-200 Stereo Changer (less cartridge). Net 66.15

GR-75WX 6.62 Down Net 66.15

Same as above, but with new GE VR227 magnetic stereo cartridge and diamond stylus. Net 89.67

GR-76WX 8.97 Down Net 89.67

PK-353 45 RPM Spindle for above 1½ lbs. Net 4.41

PK-354W Matching Metal Base 5 lbs. Net 5.83

PK-355W Mounting board 1 lb. Net 2.45

MIRAPHON  
XMS-210



### 4-SPEED STEREO PLAYER

The Manual Player with Transcription Quality.  
An outstanding value for the audio fan who prefers exclusive manual operation for stereo and monophonic record reproduction. Unit has a heavy-duty 4-pole motor—shock mounted and vibration-free, rim drive, balanced 4½ lbs. turntable-ball bearing rotated for constant speed free from "wow" and "flutter". Special rubber mat prevents record slippage even at light tracking pressures. Plug-in head accommodates choice of cartridges. Tone arm has double row of ball bearings, special damped plastic construction. Automatic shut-off at end of record.

For 110 to 220 volts AC, 60 cps. 12½" x 10¼"; clearance 2½" above mounting plate, 2¼" below. Shpg. Wt., 14 lbs. Complete and ready for operation with all leads and plugs attached.

MIRAPHON XMS-210 Stereo Player. Net 46.55

GR-78W 5.00 Down Net 46.55

As above, with GE GC7 Magnetic Stereo Cartridge and Diamond Stylus. Net 70.07

GR-79W 7.01 Down Net 70.07

PK-354W Matching Metal Base 5 lbs. Net 5.83

PK-355W Mounting Board 1 lb. Net 2.45

## THORENS STEREO CHANGER



MODEL CD-43NS

Combines speed constancy, silence, and a unique combination of operating features. Wired for stereo. Plays 12", 10", and 7" records; intermixes automatically 10" and 12"; will replay any record size. Has control for manual operation. Includes pause and reject adjustable pouses between the records or the stack. 3 speeds—33, 45 and 78 rpm. Automatically shuts off after last record is played. Adjustable speed—speed selector has integral fine-tuning knob for "exact pitch" adjustment. Rugged 4-pole direct-drive motor with cast-iron frame and mechanical filter to reduce rumble content. Operates on 50- or 60-cycle AC, any voltage from 100 to 250 volts. 15" x 12" clearance 3¼" below, 6" above the base. Less AC line cord, 45 rpm spindle. Shpg. Wt., 24 lbs.

Thorens CD-43NS Stereo Changer. Net 99.75

GR-100WX 9.98 Down Net 99.75

GR-101W Mounting-Board for above 1 lb. Net 3.00

GR-102W Wooden Base Mahogany finish 5 lbs. Net 6.00

GR-103W Wooden Base In Bland finish 5 lbs. Net 6.00

GR-104 45 RPM Spindle 1½ lbs. Net 5.95

# Collaro

# RECORD CHANGERS and PLAYERS



FULLY WIRED FOR STEREO

Reg. Price  
**61.25**

**SPECIAL**  
Complete with Electro-Voice 31DM7 Diamond Sapphire - Turn-over Compatible Stereo Ceramic Cartridge.  
GR-22WX 3.77 Down  
NET 47.73

## MODEL TSC-640 CONQUEST II

An ideal low cost automatic changer for the latest stereo and monaural records. Made in England, it is carefully engineered and precisely constructed. The two-tone color finish will fit any decor and its functional controls assure ease of operation. This changer can be converted into turntable operation instantly. Features a new one-piece transcription-type tone arm, completely wired for stereophonic use. The tone arm will accept all standard high-fidelity stereo and monaural cartridges. "Semi-magic" tone arm automatically "feels" the record diameter. Handles 7", 10" and 12" records stacked in order of decreasing size. Extremely quiet and smooth operation is achieved by the use of heavy duty 4 pole induction motor driving a heavy rim-weighted turntable, equipped with removable rubber mat. Other features include: Automatic shut-off after last record; muting switch and pop filter to eliminate extraneous noises; tropicalized against adverse weather conditions; jam proof machinery. Size 12 x 13 1/2". Clearance 5" above and 2 3/4" below motor board. Shpg. wt., 20 lbs.

Model TSC-640E. Less cartridge.		
GR-16WX	5.00 Down	Net 37.73
With Ronette Stereo crystal cartridge.		
GR-17WX	5.03 Down	Net 50.32
With Collaro sapphire stereo ceramic cartridge.		
GR-18WX	5.00 Down	Net 47.48
With Collaro diamond stereo ceramic cartridge.		
GR-19WX	5.59 Down	Net 55.86
With Shure M7D (.7 mil) diamond stereo cartridge.		
GR-20WX	6.13 Down	Net 61.26
With GE VR-227 (.7 mil) diamond stereo cartridge.		
GR-21WX	6.22 Down	Net 62.18



FULLY WIRED FOR STEREO

Reg. Price  
**65.17**

**SPECIAL**  
Complete with Electro-Voice 31DM7 Diamond Sapphire - Turn-over Compatible Stereo Ceramic Cartridge.  
GR-31WX 5.17 Down  
NET 51.65

## MODEL TSC-740 CORONATION II

Enjoy the latest stereo and monaural records with this superb stereo record changer. Deluxe styling includes two-tone color finish to fit any decor. New changer mechanism automatically changes and finds the proper location for lowering the tone arm. Gentle handling of records and operational ease mark this changer as one of the finest available. Features the revolutionary new two-piece transcription type tone arm, dynamically balanced and properly damped to eliminate audio frequency resonance. Plug-in head accepts all standard stereo and monaural cartridges. Heavy duty 4 pole, shaded induction motor drives a heavy rim-weighted turntable, equipped with removable rubber mat, reducing wow and flutter to less than 0.25% rms at 33 1/2 rpm. Automatically plays 7", 10" and 12" records stacked in order of decreasing size. Other features include: 4-speeds, 78, 45, 33 1/2, 16 1/2 rpm; switch for manual turntable operation; automatic shut-off after last record; jam-proof machinery; muting switch and pop filter 12 x 13 1/2". 3/4" above and 2 3/4" below motor board. Shpg. wt., 20 lbs.

Model TSC-740E. Less cartridge.		
GR-25WX	5.00 Down	Net 41.65
With Ronette stereo crystal cartridge.		
GR-26WX	5.42 Down	Net 54.24
With Collaro sapphire stereo ceramic cartridge.		
GR-27WX	5.14 Down	Net 51.40
With Collaro diamond stereo ceramic cartridge.		
GR-28WX	5.98 Down	Net 59.78
With Shure M7D (.7 mil) diamond stereo cartridge.		
GR-29WX	6.52 Down	Net 65.17
With GE VR-227 (.7 mil) diamond stereo cartridge.		
GR-30WX	6.61 Down	Net 66.10



FULLY WIRED FOR STEREO

Reg. Price  
**72.02**

**SPECIAL**  
Complete with Electro-Voice 31DM7 Diamond Sapphire - Turn-over Compatible Stereo Ceramic Cartridge.  
GR-40WX 5.85 Down  
NET 58.51

## MODEL TSC-840 CONTINENTAL II

Here is a superb record changer for outstanding reproduction of all stereo and monaural records. Its performance will satisfy even the most critical music listeners. Exceptionally low rumble and speed variation. Features a revolutionary new two-piece transcription-type tone arm, designed to professional standards. Will track records with minimum distortion and lowest amount of pressure. Plug-in head accepts all standard high fidelity stereo and monaural cartridges. Comes complete with two audio cables ready to be plugged into stereo system. Fully automatic intermix handles 7", 10" or 12" records stacked in any order. The heavy rim-weighted turntable is fitted with removable rubber mat and is driven by a 4-pole, heavy duty, shielded induction motor to achieve minimum wow and flutter—1/4% rms at 33 1/2 rpm. Long service life is assured by the automatic disengagement of idler wheel, preventing the development of "bumps" and "wow". Other features: muting switch and pop filter; completely jam-proof machinery; automatic shut-off after last record; attractive two-tone color scheme to fit any decor; pre-wired for easy installation; tropicalized against adverse weather conditions. Size 12 x 13 1/2". 3/4" above and 2 3/4" below motorboard. Shpg. wt., 20 lbs.

Model TSC-840E. Less cartridge.		
GR-34WX	5.00 Down	Net 48.51
With Ronette stereo crystal cartridge.		
GR-35WX	6.11 Down	Net 61.10
With Collaro sapphire stereo ceramic cartridge.		
GR-36WX	5.83 Down	Net 58.26
With Collaro diamond stereo ceramic cartridge.		
GR-37WX	6.66 Down	Net 66.64
With Shure M7D (.7 mil) diamond stereo cartridge.		
GR-38WX	7.21 Down	Net 72.05
With GE-VR227 (.7 mil) diamond stereo cartridge.		
GR-39WX	7.30 Down	Net 72.96

**ALL COLLARO CHANGERS ARE EQUIPPED FOR BOTH STEREO AND MONAURAL OPERATION**

## LAFAYETTE WOOD BASE and BOARD for COLLARO UNITS

### BASES

Wood bases finished in mahogany, blond or walnut. Each base exactly cut to fit and mount each model. Walnut bases made with genuine walnut veneers. Shpg. wt., 5 lbs.

#### FOR ALL COLLARO CHANGERS

PK-374W. Mahogany finish	Net 3.95
PK-375W. Blond finish	Net 3.95
PK-376W. Walnut finish	Net 4.50

#### FOR COLLARO TP-59

PK-377W. Mahogany finish	Net 3.95
PK-378W. Blond finish	Net 3.95
PK-379W. Walnut finish	Net 4.50

### BOARDS

Mauling boards unfinished for easy staining. Shpg. Wt., 1 lb.	
PK-386W. For all Collaro changers	Net .95
PK-387W. For Collaro TP-59	Net .95

### COLLARO ACCESSORIES

45 RPM automatic spindle for all Collaro changers. Shpg. Wt., 8 oz.	
PK-388.	Net 3.23
5-pin empty head shell wired for stereo, for TSC740-840-TP-59. Shpg. Wt., 6 oz.	
PK-389.	Net 1.71
Walnut finished base for 4TR-200 Shpg. Wt., 5 lbs.	
PK-390W.	Net 14.21

## MODEL 4TR200 TRANSCRIPTION TURNTABLE

Here is a 4-speed transcription turntable designed for discriminating music lovers. Ideal for both stereo and monaural applications. Features a specially balanced non-magnetic turntable weighing 8 1/2 lbs., fitted with rubber mat. Exclusive micro-polished motor shaft and self-lubricating bearing remove all traces of flutter and wow. Flutter guaranteed not to exceed .04%. Wow less than .15%. The heavy duty 4-pole motor is specially manufactured dynamically balanced. Unique suspension system of motor from the unit plate reduces rumble to -50db. The 4-speed drive mechanism is also newly designed to give uniform speed. "Pop" filter provided. Functional switches are conveniently located for easy operation. Size 12 1/2" x 12 1/2". Shpg. Wt., 25 lbs.

GR-43WX 5.00 Down Net 48.51

## MODEL TP-59 4-SPEED MANUAL PLAYER

An excellent 4-speed manual player for all stereo and monaural records. Automatic stop and start mechanism assures simple operation. Other Collaro features include: heavy steel rubber covered turntable, 9 1/2" in diameter; heavy duty 4-pole induction motor, dynamically balanced; new 4-speed drive designed to give absolutely uniform turntable speed, light movement speed selector knob, self-neutralizing idler and pulley system for complete elimination of "bumps". Controls are attractively placed and the whole unit is beautifully styled. For 110-120 volts, 60 cycles A.C. Size, 13 1/2" x 12". Shpg. Wt., 15 lbs.

GR-44W. Less cartridge	5.00 Down	Net 29.35
With GE VR-227 (.7 mil) diamond stereo cartridge.		
GR-45W.	5.38 Down	Net 53.80
With Shure M7D (.7 mil) diamond stereo cartridge.		
GR-46W.	5.29 Down	Net 52.87



Lafayette Wood Base



Model 4TR200



Model TP-59

RECORD CHANGERS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# Latest COMPATIBLE STEREO CARTRIDGES

## SHURE MODEL M3D PROFESSIONAL DYNETIC COMPATIBLE STEREO CARTRIDGE



A premium moving-magnet cartridge designed specifically for the critical listener who appreciates accuracy and honesty in sound reproduction. Completely compatible, it plays both stereo and monaural discs. The cartridge features low distortion, low needle talk, high output, minimum hum pickup and no magnetic attraction to steel turntable, plus the following specifications: Response, 20 to 15,000 cps. Channel separation, more than 20 db throughout the critical stereo frequency range. Compliance,  $4.0 \times 10^{-6}$  cm/dyne. Tracking force, 3 to 6 gm. Fits all 4-lead and 3-lead cartridge holders. With 0.7 mil diamond stylus, easily replaceable.

Model M3D — Shpg. wt., 5 oz. Net 44.10

## SHURE MODEL M7D CUSTOM STEREO DYNETIC 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:  $3.5 \times 10^{-6}$  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.

SHURE M7D ..... 5.00 Down ..... Net 23.52  
Stereo stylus assembly for M7D, including .7 mil diamond. SHURE M7D ..... Net 11.76

## DYNACO-B&O STEREO DYNE CARTRIDGE



A magnetic stereo cartridge designed for superior high fidelity reproduction from either stereophonic or monophonic records. Features a symmetrical, accurately balanced moving-iron design, providing superior channel separation, equal compliance in all directions, smooth frequency response, and cancellation of noise components in monophonic use. Frequency response:  $\pm 2$  db from 30 cps to 15 KC. Output voltage: 7 mv/channel at 5 cm/sec at 1000 cps. Channel separation: more than 22 db. Compliance:  $5 \times 10^{-6}$  cm/dyne in all directions. Tracking force: 2 to 4 grams. Recommended load: 47,000 ohms or higher. Stylus: .7 mil diamond. Shpg. Wt., 5 oz.

STEREO DYNE ..... 5.00 Down ..... Net 29.35  
STEREO DYNE REPLACEMENT DIAMOND STYLUS ..... Net 14.65

## GRADO CUSTOM AND MASTER STEREO CARTRIDGES



Grado Custom Features wide linear frequency response of 10-24,000 cycles. Output 7 mv per channel. Because of its high compliance, a 3 gram tracking force is recommended when used in high quality tonearms. Input impedance can be of any value above 5,000 ohms. Channel separation in excess of 20 db. Designed for use in record changers as well as tonearms. Shpg. wt., 5 oz.

Grado Custom Stereo Cart ..... 5.00 Down ..... Net 32.95  
Grado Master. Same as above, except output 5 mv. Frequency response 10-30,000 cycles. Channel separation in excess of 25 db. Shpg. wt., 5 oz.

Grado Master Stereo Cart ..... 5.00 Down ..... Net 49.50

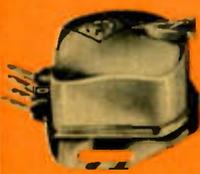
## NEW Weathers CERAMIC STEREO CARTRIDGE

Newly engineered ceramic stereo cartridge that approaches the performance of the famous Weathers FM cartridges. Completely compatible. Tracks with a low force of only 2 grams, thus lengthening record life immensely. Features 25 db separation between channels. Frequency response is flat from 15 to 30,000 cps with low distortion. Output, 0.25 volts at 7 cm/sec. Complete with 0.7 mil radius sapphire or diamond stylus, pickup leads and connectors. Fits all standard mountings. Shpg. wt., 4 oz.

WEATHERS C-501D—With diamond stylus ..... Net 17.50  
WEATHERS C-501S—With sapphire stylus ..... Net 9.75



## NEW STEREOVIEW MODEL 210D CARTRIDGE



Utilizes the "moving-magnet" principle for stereo reproduction from discs. Achieves a new high in quality performance. Flat response throughout the entire audio spectrum. Separation, 22 db at 1000 cps. Output is 13 mv per channel. Tracking pressure 3-6 grams. Fits all standard record changers and tone arms. Four terminals with slide-on lugs for simple installation. Hum is eliminated by numetal encasement. Shpg. wt., 5 ozs.

MODEL 210/D ..... 5.00 Down ..... Net 33.81  
DM-210. Diamond replacement stylus for above. Net 17.15

## NEW! PICKERING MODEL 380 STEREO FLUXVALVE CARTRIDGE

● FAMOUS "FLUXVALVE" ENGINEERING ● WIDE RANGE FREQUENCY RESPONSE ● MINIMUM INTER-CHANNEL CROSSTALK ● LOW TRACKING FORCE AND DISTORTION



Traditional Pickering quality of design assures the finest performance. Miniature design, fits all record changers and tone arms. Hermetically sealed and fully encapsulated in precious nu-metal for a lifetime of trouble-free and 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 is 2-5 grams for tone arms, and 3-7 grams for changers. .7 mil diamond stylus, with the exclusive

"V-Guard" easily replaceable stylus assembly. Shpg. Wt., 5 oz.

MODEL 380-A. For tone arm ..... 5.00 Down ..... Net 34.50  
MODEL 380-C. For changers ..... 5.00 Down ..... Net 29.85  
Replacement "V-Guard" stylus assembly with .7 mil diamond for 380-A. Shpg. wt., 2 oz. Net 19.65  
MODEL D3807-A ..... Net 19.65  
Replacement "V-Guard" stylus assembly with .7 mil diamond for 380-C. Shpg. wt., 2 oz. Net 15.00  
MODEL D3807-C ..... Net 15.00

## PICKERING MODEL 371 STANTON STEREO FLUXVALVE CARTRIDGE



Of truly miniature design. It will fit into all tone arms and changers. Performs equally well with all micro-groove records, monaural and stereo. Uniform response over the entire audio range with complete absence of spurious resonance. .7 mil diamond stylus mounted in Pickering's "T-Guard" stylus assembly. Tracking force 2-5 grams for tone arms and 3-7 grams for changers. Sufficient output level. Negligible crosstalk. MKII Stanton Stereo Fluxvalve Cartridge for tone arms and turntables. Shpg. wt., 3 oz.

MODEL 371A ..... 5.00 Down ..... Net 26.40  
MKII Stanton Stereo Fluxvalve Cartridge for changers. Shpg. wt., 3 oz. Net 24.00  
MODEL 371C ..... 5.00 Down ..... Net 24.00  
Replacement "T-Guard" stylus assembly with .7 mil diamond for the 371A. Shpg. wt., 2 oz. Net 14.40  
MODEL D3707-A ..... Net 14.40  
Replacement "T-Guard" stylus assembly with .7 mil diamond for the 371C. Shpg. wt., 2 oz. Net 12.00  
MODEL D3707-C ..... Net 12.00

## NEW ELECTRO-VOICE "MAGNERAMIC 31" COMPATIBLE STEREO CARTRIDGE

The all-new "Magneramic 31" replaces conventional magnetic cartridges directly. Features vertical and lateral compliance of 3.5. Response is  $\pm 2$  db, 20 to 20,000 cycles. Channel separation is 28 db at 1000 cycles. Output is 10 mv. Recommended load 22,000 to 47,000 ohms. 4 terminals.

With .5-mil diamond stylus. For use with transcription-type arms. 2.4 grams tracking force. Shpg. wt., 4 oz.

MODEL 31MD-5 ..... 5.00 Down ..... Net 23.52  
With .7 mil diamond stylus. For use with changer arms. 4-6 grams tracking force. Shpg. wt., 4 oz.

MODEL 31MD-7 ..... 5.00 Down ..... Net 23.52



### STANDARD MODELS

Same as the "Magneramic 31" models, except output is 300 mv. No preamplification is necessary. For high impedance, ceramic inputs. Shpg. wt., 4 oz.

With .5-mil diamond stylus. For use with transcription-type arms 2-4 grams tracking force. Net 22.05  
MODEL 31D-5 ..... 5.00 Down ..... Net 22.05  
With .7-mil diamond stylus. For use with changer arms 4-6 grams tracking force. Net 22.05  
MODEL 31D-7 ..... 5.00 Down ..... Net 22.05

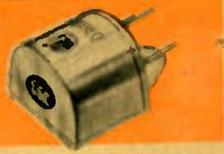
## NEW FAIRCHILD SM-1 STEREO CARTRIDGE

A cartridge designed for the ultimate reproduction of stereo and monaural records without compromise. Utilizes a rotating magnet design with replaceable stylus (.7 mil diamond). Response is better than  $\pm 2$  db from 20 to 15,000 cycles on each channel. Separation better than 20 db over the greater part of the audio spectrum. It is the first stereo cartridge that can be vertically or laterally damped according to individual requirement. Output: 11 mv at 5 cm at 1 kc. Its nu metal case assures hum-free performance. Will track 30 cm/sec. at 3 grams. Sturdy construction allows using in changers as well as transcription tone arms. Can be used with lead lengths up to 20". Load impedance: 47,000 ohms. Complete with a gram gauge. Free lifetime factory inspection. Shpg. wt., 4 oz.

SM-1 ..... 5.00 Down ..... Net 34.95  
SM-1SR. Diamond stylus replacement for above. 2 oz. Net 15.00



## NEW! ELECTRO-SONIC GYRO/JEWEL STEREO CARTRIDGE



Now from the famed Electro-Sonic Labs comes the stereo cartridge designed for the perfectionists: the ESL Gyro/Jewel. Employs 2 ESL's patented, subminiature D'Arsonval movements to assure extremely linear response. New Gyro/Jewel coupling with its 4 movements to assure extremely linear response. New Gyro/Jewel coupling with its 4 movements to assure extremely linear response. New Gyro/Jewel coupling with its 4 movements to assure extremely linear response. New Gyro/Jewel coupling with its 4 movements to assure extremely linear response. New Gyro/Jewel coupling with its 4 movements to assure extremely linear response.

ESL C-100 ..... 7.00 Down ..... Net 69.95

## GENERAL ELECTRIC HIGH FIDELITY PHONO COMPONENTS

### G.E. VR-22 STEREOPHONIC MAGNETIC VARIABLE RELUCTANCE HIGH FIDELITY CARTRIDGE



- FREQUENCY RESPONSE 20-17,000 cps
- UP TO 30 DB CHANNEL SEPARATION
- VIRTUALLY HUM-FREE
- HIGH COMPLIANCE

MODEL VR-227 with .7 mil diamond stylus. Absolutely the finest of all G.E. cartridges. This cartridge is made virtually hum-free by mu-metal shielding on top, entire front and coil assembly. Harmonic and intermodulation distortion are effectively minimized. Precise tracking and optimum compliance are assured by new stylus and armature suspension system. The stylus is easily changed. Output is closely balanced over entire frequency range. 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  $3 \times 10^{-6}$  cm/dynes. Vertical compliance:  $2 \times 10^{-6}$  cm/dynes. Recommended load, each channel: 47,000 ohms. Recommended Tracking force: 5 to 7 gms. Shpg. Wt., 6 oz.

MODEL VR-225 with .5 mil diamond stylus. Designed for use with transcription arms and turntables. Essentially the same as VR227 except frequency response 20-20,000 cps; lateral compliance  $4 \times 10^{-6}$  cm/dyne; recommended tracking force: 2 to 4 gms. Shpg. Wt., 6 oz.

GE VR-227 ..... 5.00 Down ..... Net 24.45

GE VR-225 ..... 5.00 Down ..... Net 27.39

### G.E. VARIABLE RELUCTANCE MAGNETIC COMPATIBLE STEREO CARTRIDGES



- RESPONSE 20-17,000 cps
- 20 DB CHANNEL SEPARATION

MODEL GC-7 "GOLDEN CLASSIC"  
Outstanding magnetic stereo cartridge made to the highest standards. A double mu-metal shield minimizes hum pickup. A ground strap allows use of this cartridge with either 3- or 4-wire stereo systems. The cartridge fits all standard tone arms. SPECIFICATIONS: Frequency response: 20-17,000 cps; Output: 6 mv. per channel at stylus velocity of 5.5 cm/sec.; Channel separation: 20 db 100-7,000 cps; Lateral compliance:  $3 \times 10^{-6}$  cm/dyne; Vertical compliance:  $2 \times 10^{-6}$  cm/dyne; Recommended load, each channel: 100,000 ohms; Recommended tracking force: 3.5-7 gms. With 0.7 mil diamond stylus. Shpg. Wt., 6 oz.

GE GC-7 ..... 5.00 Down ..... Net 23.47  
GE CL-7 "STEREO CLASSIC"—with 0.7 mil synthetic sapphire stylus ..... Net 16.61

#### REPLACEMENT STYLUS

GE ST72D 0.7-mil diamond replacement stylus for GC-7 ..... Net 9.75  
GE ST7S 0.7-mil synthetic sapphire replacement stylus for CL-7 ..... Net 2.45

#### MODEL GC-5 "GOLDEN CLASSIC"

A 0.5 mil diamond stylus version of GC-7 "Golden Classic" stereo cartridge. Designed for use with transcription arms and turntables. Shpg. Wt., 6 oz.

MODEL GC-5 ..... 5.00 Down ..... Net 26.41  
GE ST5D 0.5-mil diamond replacement stylus for GC-5 ..... Net 11.71

### G.E. MONAURAL SERIES VR II VARIABLE RELUCTANCE CARTRIDGES



TRIPLE-PLAY

SINGLE-PLAY

#### GE REPLACEMENT STYLUS FOR ALL MODELS

"CLIP-IN-TIP" STYLUS 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.

TYPE	STYLUS	NET
4G-015	1 mil sapphire	1.96
4G-025*	2.5 mil sapphire	1.96
4G-035	3 mil sapphire	1.96
4G-01D	1 mil diamond	9.75
4G-02D*	2.5 mil diamond	9.75
4G-03D	3 mil diamond	9.75

#### DUAL STYLUS ASSEMBLIES (D)

Convert old-style RPX-050, RPX-052, RPX-053, RPX-047 for use with "clip-in-tip" individually replaceable stylus. Complete with stylus as shown. Shpg. wt., 2 oz.

TYPE	STYLUS	NET
RPJ-010A	1 & 3 mil sapphire	3.50
RPJ-012A	1 & 3 mil diamond	19.55
RPJ-013A	1 mil diamond — 3 mil sapphire	11.71
RPJ-007A*	1 & 2.5 mil sapphire	3.50
RPJ-011A*	1 & 2.5 mil diamond	19.55

#### "CLIP-IN-TIP" STYLUS (C)

For RPX Type A (RPX-050A, -052A, -053A, -041A, -040A, -061A, -063A) and broadcast types RPX-145-146-147. Also used as replacements in the above Dual Stylus Assemblies — RPJ-010A, -012A, -013A, -007A, -011A. Old stylus tip slides out, new one slides in.

TYPE	STYLUS	NET
RPJ-01D	1 mil diamond	9.75
RPJ-02D*	2.5 mil diamond	9.75
RPJ-03D	3 mil diamond	9.75
RPJ-01S	1 mil sapphire	1.96
RPJ-02S*	2.5 mil sapphire	1.96
RPJ-03S	3 mil sapphire	1.96

#### SINGLE STYLUS (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") stylus. These cartridges are not convertible to "clip-in-tips". Shpg. wt., 2 oz.

TYPE	STYLUS	NET
RPJ-004	1 mil diamond	10.29
RPJ-002*	2.5 mil diamond	10.29
RPJ-003	3 mil diamond	10.29
RPJ-005	1 mil sapphire	2.06
RPJ-006*	2.5 mil sapphire	2.06
RPJ-001	3 mil sapphire	2.06

The VR II SERIES cartridges are successors to the famous General Electric RPX series variable reluctance cartridges, with a number of improved features. Will fit wherever old RPX cartridges were used. All VR II Series cartridges require the use of a preamplifier. SPECIFICATIONS: Frequency Response — 20-20,000 cps; Tracking Pressure — [with professional tone arms, such as GE A1-500 or A1-501] 4 grams — [with record changers] 6-8 grams; Equalization—6200 ohms for RIAA—47,000 ohms load for flat response; Output — 22 millivolts nominal at 10 cm./sec.; Compliance  $1.7 \times 10^{-6}$  cm/dyne; Mounting — either  $\frac{1}{2}$ " standard or  $\frac{7}{16}$ "; Terminals: Plug-in design. OTHER FEATURES: New "Slim Look"; Independently replaceable Clip-In-Tip stylus; Famous GE precision-ground diamonds and sapphires (some sapphires are synthetic); Unaffected by temperature and moisture; Mu-metal shielding and special anti-hum coils; No response to vertical motion.

#### "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" stylus. Shpg. wt., 6 oz.

TYPE	STYLUS	NET
4G-050	1 & 3 mil sapphire	9.75
4G-052	1 mil diamond—3 mil sapphire	19.55
4G-053	1 & 3 mil diamond	30.33

#### "SINGLE-PLAY" CARTRIDGES (B)

Single-stylus variable-reluctance cartridges with replaceable "clip-in-tip" sapphire or diamond stylus: 1 mil (.001") microgroove and 3 mil (.003") standard 78 rpm types. Shpg. wt., 6 oz.

TYPE	STYLUS	NET
4G-040	3 mil sapphire	7.35
4G-041	1 mil sapphire	7.35
4G-063	3 mil diamond	17.59
4G-061	1 mil diamond	17.59

Replacement Parts Kit, for VR II Series Triple Play cartridge. Includes, spring, washers, plastic knob. Wt., 2 oz.  
RKP-009B ..... Net .29

#### GE PREAMPLIFIERS

(F) UPX-003B — Self-powered preamp for use with GE or similar magnetic cartridges and low level mikes. Has 6SC7 tube in equalizing circuit, plus rectifier. Input jack, mike-phonos switch, 14" output lead with phono plug. 18db bass boost at 50cps on "Phono". Flat on "Mike". For 117 volts, 60 cycles AC.  $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$ ". Complete with tube. Shpg. wt., 2 lbs.

UPX-003B ..... Net 11.71

(G) A1-203 TRANSISTOR-TUBE PREAMPLIFIER — Preamplifier-equalizer for magnetic cartridges using 2N168 Operates on 105-125V. 50-60 cycles AC. 4 watts. Size  $3\frac{1}{2} \times 3\frac{1}{2} \times 6\frac{1}{2}$ ". Shpg. wt.,  $3\frac{1}{2}$  lbs.  
A1-203 ..... 5.00 Down ..... Net 21.51

### NEW! G.E. MODEL MF-1 STEREO PREAMP



- HIGH SENSITIVITY
- EXCELLENT CHANNEL SEPARATION
- INDIVIDUAL CHANNEL SWITCHING FOR STEREO DISCS OR TAPE

Designed primarily to convert stereo systems using ceramic cartridges to magnetic cartridges. Selection of either tape or phono input for each channel by individual switching. Hum and noise better than —60 db; distortion less than 0.15%; channel separation better than 40 db; and low impedance output. Equalization — RIAA for disc and NARTB for tape. Response:  $\pm 1.5$  db of stated equalization characteristics. Sensitivity: Phono 4 mv for .6v output—tape 4 mv for .4v output; Gain: Over 40 db both inputs, with channels balanced to within 1.5 db. For 105-125V., 50-60 cycles. Size:  $6\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$ ". Shpg. Wt., 4 lbs.  
G-332 ..... 5.00 Down ..... Net 24.45

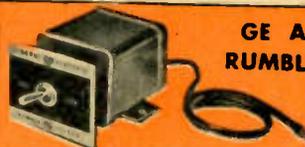
### NEW! G.E. TM-2G "STEREO CLASSIC" TONE ARM



This fine new GE tone arm has been specially designed for the GE Stereo and Monaural cartridges. By accommodating only these cartridges, this arm provides outstanding performance without compromise. Prime features for stereo operation include static balance for constant lateral equilibrium, 2-step tracking force adjustment for highly precise setting to 6 grams, lightweight aluminum construction for minimum inertia, microball bearings for reduced friction. Trim styling with brushed aluminum and chrome finish. Length pivot post to stylus —  $9\frac{1}{2}$ " rear overhang —  $3\frac{1}{2}$ ". Height —  $\frac{3}{8}$ " to  $2\frac{1}{2}$ " above motor-board. Maximum tracking error, 2 degrees.

"STEREO CLASSIC" TONE ARM, less cartridge  
G-333 ..... 5.00 Down ..... Net 29.35

### GE A1-903 RUMBLE FILTER



Suppresses turntable rumble and unwanted signals below 50 cycles and protects speaker from harmful sub-audio surges. Minimizes low frequency distortion. Cutoff 12 db per octave below 50 cps. No power supply required. Has standard phono input jack and 19" output lead with phono plug, on-off switch. Size:  $2\frac{1}{2} \times 2\frac{1}{2} \times 3\frac{1}{2}$ " D, with convenient mounting bracket. Shpg. wt., 1 1/2 lbs.  
G-334 ..... Net 8.33

# HI-FI CARTRIDGES AND POWER POINTS

## SPECIAL VALUES IN STEREO CARTRIDGES

### E-V STEREO CARTRIDGES



E-V 21D



E-V 26MDST

With the aid of these cartridges you can now be READY FOR THE MAGIC OF STEREO SOUND. Frequency Response is 20-16,000 cps, within 2 1/2 db, with recommended load of 3 megohms. Each cartridge consists of 2 ceramic elements, with an exclusive design to eliminate turntable rumble and permit use of any type of changer or transcription player for stereo SIZE is 13/16" deep x 1/2" high x 37/64" wide; the cartridges fit most tone arms (with 3-or 4-wire phono cables). Tracking force is 4 gms; output is 0.5 volts; channel isolation is 20 db; vertical rumble rejection is 15 db; distortion is below 2%. Shpg. wt., 3'ozs.

- E-V 21S Single stylus ceramic stereo cartridge with 0.7 mil sapphire stylus for monoaural 45, 33 1/2 rpm and stereo records. List 9.50 Net 5.59
- E-V 21MS Same as above, but matches magnetic phono input. List 12.50 Net 7.33
- E-V 21D Same as E-V 21S but with 0.7 mil diamond stylus. List 15.00 Net 8.82
- E-V 21MD Same as above, but matches magnetic phono input. List 18.00 Net 10.58
- E-V 26ST Turnover ceramic stereo cartridge with 0.7 mil sapphire LP/stereo stylus and 3 mil sapphire stylus for 78 rpm. List 10.50 Net 6.17
- E-V 26MST Same as above, but matches magnetic phono input. List 13.50 Net 7.44
- E-V 26DST Same as E-V 26ST, but with 0.7 mil diamond and 3 mil sapphire styli. List 16.50 Net 9.70
- E-V 26MDST Same as above, but matches magnetic phono input. List 19.50 Net 11.47

### E-V REPLACEMENT NEEDLES

- D1-1 0.7 mil diamond for 21D, 21MD, 26DST, 26MDST. List 7.50 Net 4.41
- S1-1 0.7 mil sapphire for 21S, 21MS, 26ST, 26MST. List 2.50 Net 1.47
- S-3 3 mil sapphire for 26ST, 26MST, 26DST, 26MDST. List 2.50 Net 1.47



PK-233



PK-231

### IMPORTED FROM HOLLAND CRYSTAL TURNOVER STEREO CARTRIDGE

Another fabulous item from Lafayette for music lovers. We now bring you this outstanding cartridge so that you can enjoy the breathtaking realism of the latest stereo discs. Completely compatible, this cartridge plays either stereo or monoaural records. Consists of 2 crystals to provide 0.4 volts, output per channel. Wide frequency response of 30 to 14000 cps. Vertical and lateral compliance of 3.5 x 10-6 cm/dyne. Crossover, -24db. Supplied with turnover dual sapphire stylus for microgroove records and 78 rpm records. Fits all standard tone arms. Shpg. wt. 8 oz. SPECIAL NET 4.45

### CERAMIC TURNOVER STEREO CARTRIDGE

A fortunate buy allows LAFAYETTE to make available an OUTSTANDING FAMOUS BRAND turnover ceramic stereo cartridge at a price that allows you to get started in stereo NOW! 0.7 mil and 3 mil sapphire styli. 20 db channel isolation; response 20-20,000 cps. Minimum record wear with compliance of 2 x 10-6 cm/dyne and 6 gm. stylus force. Vertical rumble suppression allows use of this cartridge with most record changers or turntables. Output voltage is 0.3 volts; recommended load is 3-5 megohms for R1AA response. Mounts in all standard tone arms. Shpg. wt., 4 oz. SPECIAL NET 5.95

- PK-231
- ### SONOTONE REPLACEMENT NEEDLES
- Shpg. wt., 2 oz.
- N-BTA-5 0.7 mil and 3 mil Sapphire assembly... Net 2.06
  - N-BTA-5D 0.7 mil Diamond, 3 mil Sapphire stylus assembly... Net 7.35
  - N-BTA-D Dual 0.7 mil Diamond assembly... Net 11.17
  - N-BTA-577 Dual 0.7 mil Sapphire assembly... Net 2.06



RONETTE "STEREO 106"



SONOTONE STEREO CARTRIDGE

### NEW! RONNETTE "STEREO 106" CRYSTAL TURNOVER CARTRIDGE

Here at last is a low cost stereo cartridge which has all features necessary for updating present monoaural systems to stereo. Designed for superior reproduction of all stereo or monoaural records, frequency response is 30-12,000 cps. Consists of 2 crystal elements which provide a high 1.5 volts per channel—needs no preamplification. 4 pin type. Tracking Force 4.6 grams. Complete with turnover mechanism, knob and dual sapphire stylus to play records of all speeds. Fits all standard arms. Shpg. wt., 6 ozs.

- RONNETTE "STEREO 106" List 9.00 Net 5.29

### SONOTONE CERAMIC STEREO CARTRIDGE

An excellent performer for stereo or standard (monoaural) records is the new Sonotone ceramic stereo cartridge, series 8TA. These cartridges incorporate rumble suppression (important in stereo), 4 terminals for minimal hum, and have standard 1/2" mounting centers for use in all standard phono arms. Response is 20-15,000 cps with gradual roll-off to 20,000 cps; output is 0.3 volts; compliance is 3 x 10-6 cm/dyne. Recommended load is 2 megohms/100 mfm, for each channel. Channel isolation is 20 db; tracking force is 3-6 gm; cartridge weight 7 1/2" gms. All models are turnover types with 0.7 mil and 3 mil styli for all monoaural and stereo records.

### SONOTONE STEREO CARTRIDGES

Avg. shpg. wt., 4 oz.

- SONOTONE 8TA-45 0.7 mil and 3 mil Sapphire Net 8.53
- SONOTONE 8TA-45D 0.7 mil Diamond, 3 mil Sapphire Net 11.47
- SONOTONE 8TA-4D Dual 0.7 mil Diamond... Net 15.35
- SONOTONE 8TA-4577 Dual 0.7 mil Sapphire... Net 8.53

## ELECTRO-VOICE POWER POINT CARTRIDGES

### CERAMIC MONOPHONIC TYPES

Power point has two sapphire playing tips connected directly to the ceramic element. Quick mtg., easy replacement. Response flat from 20 cps to beyond 14 kc; outut 1 volt; tracking force 5 to 8 grams. Avg. shpg. wt., 4 oz.



Models 51-1, 52-2, 53-3, 56, 56DS



Models 76S, 76DS



Models 81, 81DS



Models 13, 13DS

### EXACT REPLACEMENT FOR WEBCOR FONOGRAPHS

- Model 76DS—Turnover cartridge only. Black plastic case. With one .001" diamond tip and one .003" sapphire tip. Net 5.85
- Model 76S—Turnover cartridge only. White plastic case. With one .001" sapphire tip and one .003" sapphire tip. Net 2.32

### FOR 78 RPM

- Model 53-3—Power Point cartridge only. Black nylon case. With two .003" sapphire tips. Net 2.32

### MOUNTS FOR POWER POINTS

- Fixed, and turnunder mechanism have 7/16", 1/2" and 3/8" mounting hole centers. All necessary hardware is included.
- Model PFT-1—Fixed mounting mechanism. Accepts any ceramic monophonic power point. Net .59
- Model PT-2—Lever-action turnunder mounting mechanism. Replaces all standard turnunder cartridges. For use with Models 56 and 56DS Power Point cartridges. Net .59

### FOR 45 AND 33-1/3 RPM

- Model 51-1—Power Point cartridge only. Red nylon case. With two .001" sapphire tips. Net 2.32

### FOR 45, 33-1/3 AND 78 RPM

- Model 52-2—Power Point cartridge only. Green nylon case. With two .0023" sapphire tips. Net 2.32
- Model 56—Power Point cartridge only. Blue nylon case. One .001" sapphire tip and one .003" sapphire tip. Net 2.32
- Model 56DS—Power Point cartridge only. Orange nylon case. With one .001" natural diamond tip and one .003" sapphire tip. Net 9.70
- Model 81—Exact Astatic replacement. With one 1-mil sapphire tip and one 3-mil sapphire tip. Black case with white dot. List price 3.95 Net 2.32
- Model 81DS—Exact Astatic replacement. With one 1-mil diamond tip and one 3-mil sapphire tip. Black case with orange dot. List price 9.95 Net 5.85
- Model 13—Exact Astatic replacement. With one .7 mil sapphire tip and one 3-mil sapphire tip. Green case with white dot. List 6.95 Net 4.09
- Model 13DS—Exact Astatic replacement. With one .7 mil diamond tip and one 3-mil sapphire tip. Green case with orange dot. List price 12.95 Net 8.61

### CRYSTAL MONOPHONIC TYPES

Crystal power points with 3 volt output and response to 10 KC. Complete with 2 styli. Supplied less mount. All use type PT-4 mount. Avg. shpg. wt., 4 oz.

### FOR 33-1/3 AND 45 RPM

- Model 41-1 With two 1-mil sapphire tips. Pink case with red dot. Net 3.50

### FOR 33-1/3, 45 AND 78 RPM

- Model 42-2 With two 2-mil sapphire tips. Pink case with blue dot. Net 3.50
- Model 46 With one 1-mil sapphire tip and one 3-mil tip. Pink case with green dot. Net 3.50

### CRYSTAL STEREO TYPES FOR 33-1/3 AND 45 RPM

- Model 91 With two .7 mil sapphire tips. Pink case with black dot. Net 3.50

### FOR 33-1/3, 45 AND 78 RPM

- Model 96 With .7 mil sapphire stereo tip and one 3-mil sapphire monoaural tip. Pink case with yellow dot. Net 3.50
- Model PT-4 Turnunder mount for all crystal power points. Net .59

### CERAMIC STEREO POWER POINTS



E-V STEREO POWER POINT



E-V PT-3



E-V PFT-3

These new Electro-Voice ceramic stereo cartridges are composite needle-and-ceramic-cartridge units which simply plug into the Electro-Voice mount to replace most ceramic or crystal phono cartridges. Completely compatible. RESPONSE: 20-15,000 cps; OUTPUT: 1 volt; TRACKING FORCE: 5-8 gms.; CHANNEL SEPARATION: 15 db. Fit all standard phono arms. SIZE: 1/4" diam., 3/8" long. Avg. shpg. wt., 4 oz.

- E-V 61 With 2-0.7 mil sapphire stylus for double needle life. Use with 33 1/2 rpm (LP) and 45 rpm monoaural records and with stereo records. Requires PFT-3 fixed mount. Net 4.09
- E-V 61DS Same as 61 but with one 0.7 mil diamond and one 0.7 mil sapphire stylus. Net 7.61
- E-V 66 With 0.7 mil and 3 mil sapphire styli. For use on all monoaural and stereo records. Requires PT-3 turnover mount (not supplied). Net 4.09
- E-V 66DS Same as 66 but 0.7 mil diamond and 3 mil sapphire stylus. Net 7.61
- E-V PT-3 Turnunder stereo mount for 66 and 66DS cartridges. Net .59
- E-V PFT-3 Fixed-type stereo mount for 61 and 61DS cartridges. Net .59

# HI-FI TONE ARMS • CARTRIDGES • STYLI

PICKERING 196-7D



370 Series



3500 Series

## PICKERING STANTON MODEL 196 UNIPOISE ARM WITH STEREO-FLUXVALVE CARTRIDGE

An integral-designed complete pickup unit meeting professional standards and the exacting demands of perfect tracking of stereo records. Use it for superior reproduction of monoaural records when stereo conversion is anticipated. The cartridge provides the same excellent specifications as the Pickering Model 371.7D stereo-Fluxvalve cartridge. Includes a .7 mil diamond stylus. A precision instrument, the unipole arm employs a single friction-free pivot bearing for almost infinite compliance. The complete assembly, tone arm and cartridge is only a fraction of the weight of conventional tone arms. Its small size allows it to be installed on a motorboard measuring 1 5/8" x 1 5/8". Simple Unit-mount installation uses a single thumbscrew and bolt. Exclusive arm rest with soft sable brush to keep the stylus tip free of dust at all times. With convenient stylus force adjustment. Shpg. wt., 3 lbs.

PICKERING 196-7D Unipole Arm with Integrated Stereo Fluxvalve Cartridge and .7 mil Diamond Stylus. For stereo and monoaural LP ..... Net 49.50

### OTHER PICKERING COMPONENTS

**370 Series Single-Stylus "Fluxvalve."** Single-stylus version of famous Pickering Fluxvalve. Uses 3500 series "T-guard" stylus. Response, 10-30,000 cps  $\pm$  2 db. Output 25 mv nominal. Tracking force, 2 to 6 gm. With mounting hardware and individual stylus listed below. For monoaural use. Shpg. wt., 3 oz.

MODEL	INCLUDED	NET
370-1D	1 mil diamond	29.85
370-1S	1 mil sapphire	17.85
370-2D	2.7 mil diamond	29.85
370-2S	2.7 mil sapphire	17.85
370-5D	1/2 mil diamond	35.85

**3500 Series "T Guard" Stylus.** For simple, slide-in replacement in 350-series and 370-series cartridges and the 194 pickup-arms. Av. shpg. wt., 3 oz.

MODEL	STYLUS	NET
S-3510	1 mil sapphire	6.00
S-3527	2.7 mil sapphire	6.00
D-3510	1 mil diamond	18.00
D-3527	2.7 mil diamond	18.00
D-3550S	1/2 mil diamond	24.00



SAK-12



2125X

## GRAY COMPATIBLE STEREO TONE ARMS

Sealed dual viscous damping of vertical and horizontal pivots for maximum tracking stability; statically balanced around vertical pivot. Accepts all standard stereo and monoaural cartridges. 4 shielded leads provided. Stylus force adjustable from 0 to 15 gm. With package of accessory kit for converting this stereo arm for monoaural use. Shpg. wt., 3 lbs.

MODEL 2125X 12" ARM ..... Shpg. wt., 4 lbs. ..... Net 34.00

MODEL 2165X Same as above, but 16" ..... Shpg. wt., 4 lbs. ..... Net 36.50

GRAY TONE ARM KIT ..... Net 36.50

Incorporates all engineering features of the 2125X, similar in appearance. Shpg. wt., 3 lbs.

MODEL SAK-12 ..... Net 23.95



## Audiogersh "Miratwin" Cartridges

Variable reluctance single needle monoaural cartridges with extremely wide response, low distortion and high output. Fit all standard tone arms and require stylus pressure of 5 to 8 grams. Tropicalized. Response  $\pm$  2 db 30 to over 19,500 cps at 3 1/2 rpm;  $\pm$  4 db to 22,000 cps at 78 rpm. Output at 1000 cps 55 mv for 3 1/2 rpm. Shpg. wt., 4 oz.

### SINGLE STYLUS MONAURAL

MODEL	STYLUS	NET
MST-1D	1 mil diamond	26.50
MST-1S	1 mil sapphire	10.00
MST-1DN	3 mil diamond	26.50
MST-1SN	3 mil sapphire	10.00



## NEW! ESL MODEL S-1000 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 monoaural records. The arm will track properly at 2 gm when used with a high-quality cartridge. Complete with shell. Shpg. wt., 2 lbs. ESL MODEL S-1000 ..... Net 34.95

### REPLACEMENT STYLI

For all "Miratwin" models.

MODEL	STYLUS	NET
DM-2	1 mil diamond	16.50
DN-2	3 mil diamond	16.50
SM-2	1 mil sapphire	5.00
SN-2	3 mil sapphire	5.00

## SONOTONE 3T CERAMIC CARTRIDGE

For monoaural use. Features extended response of 20-15,000 cps. With gradual roll-off to 20,000 cps. Built-in RIAA equalization. Superior compliance. Tracks at 6 gm. Shpg. wt., 3 oz.

MODEL	STYLUS	NET
3T-S	dual sapphire	7.35
3T-SD	diamond-sapphire	10.88
3T-D	dual diamond	17.05

### REPLACEMENT STYLI

N-2T series for 2T cartridges; N-3T series for 3T cartridges.

MODEL	STYLUS	NET
N-2T-S	dual sapphire	2.06
N-2T-SD	diamond-sapphire	6.76
N-2T-D	dual diamond	10.58
N-3T-S	dual sapphire	2.06
N-3T-SD	diamond-sapphire	7.06
N-3T-D	dual diamond	10.88



## SHURE STEREO DYNETIC TONE ARM AND CARTRIDGE

An integrated tone arm and cartridge which tracks at an incredibly light 1 1/2-2 1/2 grams. Dynetic principle permits off-setting the stylus to provide proper tracking angle. Provides critical damping without impeding normal motion of the arm. Uses a fully compatible stereo cartridge with .0007" diamond stylus.

Frequency response: 20-20,000 cps  $\pm$  2 1/2 db; Channel separation over 20 db; Sensitivity 4.5 mv per channel; Overall length of arm 14 1/2"; stylus tip to center of base: 11". Range of height-adjustment 1 1/4". Shpg. wt., 1 1/2 lbs.  
 M212—Stereo Dynetic Tone arm and M21 cartridge (for records up to 16"). Net 87.71  
 M21—Stereo Dynetic Tone arm and M21 Cartridge (for records up to 12"). Net 87.71  
 M21—Stereo Dynetic Cartridge with .0007" Diamond Stylus ..... Net 48.51  
 N21—Replacement stylus assembly for M21, M216, M212, .0007 Diamond tip ..... Net 24.25

A29R—Adapter Plate for M212 with Rek-O-Kut turntable ..... Net 2.35  
 A30C—Stereo cable assembly for connecting M212 or M216 to amplifier ..... Net 1.91



## FAIRCHILD 282 STEREO TRANSCRIPTION TONE ARM

Features minimum vertical mass, improved pivot action, excellent tracking ability, and maximum torsional rigidity. Accepts all Fairchild cartridges and other makes. Stylus pressure adjustable to below 1 gram. For 12" records but will play up to 16" discs when used with 12" turntables. Has self-contained arm rest, separate grounding wires. Shpg. wt., 6 lbs.

MODEL 282 ..... Net 42.50



## WEATHERS TONE ARM

The Weathers Micro-Touch Stereo Tone arm is a newly designed viscous damped arm for use with transcription-type turntables. Perfectly balanced-accurate levelling of turntables is not necessary. Designed specifically for use with the Stereo-Ramic Cartridge. Tracking force adjustable from 1 to 8 grams. Overall length 13" and finished in ebony with gold trim. Complete with stereo leads. Recommended Stereo-Ramic Cartridge has frequency response of 15 to 30,000 cps; separation 25 db, signal-to-noise ratio -60 db, output per channel 0.25 volts 7 cm/sec, stylus .7 mil diamond or sapphire. Shpg. wt. of arm 8 lbs.

WEATHERS MT-S—Stereo Tone Arm, less cartridge ..... Net 38.50

WEATHERS MC-1-D—Arm with Stereo-Ramic diamond cartridge ..... Net 55.95

WEATHERS MC-1-S—Arm with Stereo-Ramic sapphire cartridge ..... Net 48.25



## DYNACO STEREO DYNE UNITIZED ARM-CARTRIDGE

A new unitized 12" arm and cartridge of dramatic modern Danish design. Provides unequalled performance with either stereo or mono discs with dynamically balanced, uses hardened steel bearings to support the arm in a gyro-pivoted gimbal mounting. Adjustable counterbalance weight and spring tension for stylus pressure adjustment. Single hole mounting-accurate levelling of turntable not required. Height adjustments for arm and rest. Magnetic stereo cartridge has flat response from 30 to 15,000 cps. Output is 7 mv per channel; Channel Separation 22 db; tracking force 2-4 grams. Easily replaced .7 mil diamond stylus. Has complete freedom from hum pickup-perfect for critical applications.  
 DYNACO TA-12 ..... 49.95

## "MICRADJUST" MONAURAL CARTRIDGES

Famous 225 Series moving coil type with wide-range response. Flat  $\pm$  2 db 20 to 20,000 cps. Output 5 millivolts for 2.5" per second recorded velocity. Weight approx. 12 grams. Mounting dimensions standard 1/2" centers. Tracking force 4 to 8 grams. Rugged construction.

MODEL	STYLUS	NET
225A	1 mil diamond	37.50
225B	2.5 mil diamond	37.50

Model 235 Transformer  
 Provides 5 times voltage gain. Shpg. wt., 1 1/2 lbs.

Fairchild 235 ..... Net 13.75



## NEW! REK-O-KUT STEREO TONE ARMS

Features: heavy shell to reduce arm resonance; large, heavy counterweight easily adjusted for precise tracking force adjustment; 4-conductor lead, to accept any type of 3- or 4-contact cartridge. Interchangeable aluminum cartridge shell, tubular aluminum construction, adjustable height. Shpg. wt., 1 1/2 lbs.  
 S-120 12" Stereo Arm ..... Net 27.95  
 S-160 16" Stereo Arm ..... Net 30.95  
 P5-20 Extra Stereo Shell ..... Net 5.95

STEREO CONVERSION KITS  
 Convert Rek-O-Kut monoaural arms to Stereo.

SC-12 for 12" Rek-O-Kut arm Net 17.95  
 SC-16 for 16" Rek-O-Kut arm Net 19.95



## NEW! AUDAX STEREO TONE ARM KIT

Now a stereo tone arm in kit form! This professional stereo tone arm can be assembled in just 15 minutes, using only a screwdriver. Any standard stereo or monoaural cartridge can be used with this arm. Calibrated scale permits precise adjustment of counterweight to any desired tracking force. The cartridge shell is attached to arm by means of a knurled screw; cartridges can be changed with ease. Shpg. wt., 2 1/2 lbs.

KT-12 12" Stereo Tone Arm Kit ..... Net 15.50

KT-16 16" Stereo Tone Arm Kit ..... Net 18.50

KT-S Stereo Shell to convert monoaural Audax arms to stereo ..... Net 4.95



## GRADO 12" STEREO ARM

A new concept in tone arm design—the Grado Arm is constructed of the finest gunstock walnut wood, with metal fittings of finely machined anodized aluminum. Its one piece construction eliminates erratic arm resonances. Ultra linear micrometer tracking force adjustment in tenths of grams. Stylus force adjustment using only one knob.  
 GRADO 12" Tone Arm, Shpg. wt., 25 oz. Net 29.95

PK-240 ONLY  
37.50



FOR COMBINATION OFFER  
SEE TABLE AT RIGHT

## LAFAYETTE 4-SPEED PROFESSIONAL TRANSCRIPTION PLAYER WITH 3 LB. 12" 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 embodied in 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 a single ball bearing; heavy duty 4-pole induction motor. Heavy rubber turntable mat. For 105-120 volts, 60 spc AC; draws 0.13 amperes. Size of motor plate 11" x 14 1/2"; requires 4" below motor board, 1 1/2" above. Complete with stroboscope disc, 45 rpm adapter, AC line cord. Shpg. wt., 14 lbs.

PK-240w 12" TRANSCRIPTION TURNTABLE

Net 37.50

### LAFAYETTE SUPER-VALUE COMBINATIONS

Save on these combinations of Lafayette turntables, arms and nationally famous stereo diamond cartridges. For selection of wood bases see index.

COMB. NO.	TURNTABLE	STONE ARM	CARTRIDGE	SPECIAL NET
PK-411W	PK-240	PK-270	GE VR-225	61.50
PK-412W	PK-240	PK-270	Pickering 371A	61.50
PK-413W	PK-240	PK-270	E-V 31MD5	61.50
PK-415W	PK-240	PK-280	GE VR-225	63.50
PK-416W	PK-240	PK-280	Pickering 371A	63.50
PK-417W	PK-240	PK-280	E-V 31MD5	63.50

Average shipping weight of these combinations is 14 lbs.

PK-270  
12" STEREO  
TONE ARM

17.50

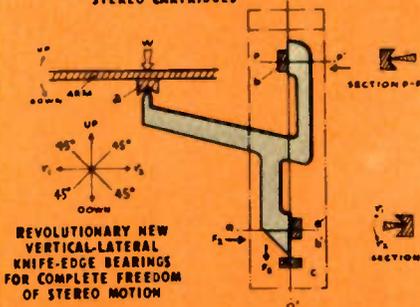


PK-280  
16" STEREO  
TONE ARM

19.50



PLUG-IN HEADS  
FOR POPULAR  
STEREO CARTRIDGES



## THE REVOLUTIONARY NEW LAFAYETTE VERTICAL-LATERAL KNIFE-EDGE 12" & 16" STEREO TONE ARMS!

- 4 HARDENED-STEEL KNIFE-EDGE PIVOTS & BEARINGS FOR COMPLETE, PRACTICALLY FRICTIONLESS, FREEDOM OF MOTION
- LIGHTWEIGHT, DIE-CAST ALUMINUM TONE ARM
- EQUIPPED WITH UNIVERSAL PLUG-IN SHELL FOR ALL POPULAR STEREO CARTRIDGES
- SELF-CONTAINED BUBBLE LEVEL FOR PERFECT, GUESS-FREE LEVELLING
- PRECISELY-ADJUSTABLE COUNTERBALANCE WEIGHT
- NON-RESONANT WITHIN THE AUDIBLE FREQUENCY RANGE
- PERFECT TRACKING WITH THE LIGHTEST STYLUS FORCE

### RUGGED CONSTRUCTION — FOOLPROOF — TROUBLE FREE

A remarkable advance in tone arm design is presented in these new Lafayette tone arms. An unusual new principle, utilizing 2 vertical and 2 lateral hardened-steel knife-edge pivots supported by hardened steel bearings, provides extremely low horizontal and vertical friction. This unusual type of bearing provides minimum waveform distortion and no undesirable motion or loose-jointed action as viewed from the stylus end. Groove tracing is smooth, with excellent tracking even with very light pickup weight, due to the absence of frictional losses. Friction in horizontal and vertical directions is low, but mechanical impedance is high at 45°, providing maximum effectiveness with 45-45 stereo cartridges. The unique knife edge bearing construction makes it possible to draw out the shielded cable from the center of the support column, eliminating "stiffness friction" due to the cable. A highly precise bubble level is provided at the top of the support column; the bubble plus 3 adjustments on the base, provide perfect levelling. Height of the arm is adjustable from 1 1/4" to 2 3/8" above motorboard. Overall length of the PK-270 12" arm is 13". Linear distance from support column to stylus tip is 10.5/16; the PK-280 16" arm is 14 3/4" overall, effective length is 11-13/16".

PK-270 Lafayette 12" Tone Arm. Shpg. wt., 1 1/2 lbs.

Net 17.50

PK-280 Lafayette 16" Tone Arm. Shpg. wt., 2 lbs.

Net 19.50

## ONLY Lafayette CAN BRING YOU A VISCOUS-DAMPED STEREO TRANSCRIPTION TONE ARM AT THIS PRICE! — THE PROFESSIONAL 12" PK-90S

PK-90S



12.50

- JEWEL BEARING SUPPORT ● INSTANT PLUG-IN CARTRIDGE CHANGE
- AUTOMATIC FLUID CONTROL ● PERFECT RECORD TRACKING
- ACCOMMODATES MOST STEREO & MONAURAL HIGH FIDELITY CARTRIDGES

### NEW! Lafayette VISCOUS-DAMPED STEREO TONE ARM

This Stereo/Monaural transcription arm assures dependable and stable operation, utilizing the floating-action principle of viscous-damping. The arm is supported at a single point by a pivot and jewel bearing having negligible friction. Damping is accomplished by a silicone fluid occupying the gap between a ball and socket. This damping control permits high compliance and negligible tracking error and prevents damage to either record or stylus should the tone arm be accidentally dropped. Low frequency resonance, skidding and groove-jumping are likewise minimized. The tone arm accepts all records up to 12" and accommodates virtually all Stereo or Monaural hi-fi cartridges by means of precisely engineered adapters which simplify installation and provide proper stylus pressure. The arm has a decorative glossy-black finish. Overall length is 12"; height adjustable from 3/4" to 2 1/4" above motorboard; round mounting base is 2 3/8" in diameter. Shpg. wt., 2 1/2 lbs.

PK-90S—12" VISCOUS-DAMPED STEREO TONE ARM

Net 12.50

# LAFAYETTE PROFESSIONAL TURNTABLE WITH AUTHENTIC HYSTERESIS SYNCHRONOUS MOTOR PERFECT FOR NEW STEREO & MONAURAL RECORDS PROFESSIONAL 4-SPEED TURNTABLE WITH HYSTERESIS-SYNCHRONOUS MOTOR

The LAFAYETTE TRUE HYSTERESIS-SYNCHRONOUS MOTOR. Since many so-called "hysteresis" motors have appeared and will continue to appear on the market, it is important that you know the difference between the real thing, as provided by Lafayette, and the imitations with partial hysteresis motors.

THE LAFAYETTE TRUE HYSTERESIS-SYNCHRONOUS MOTOR IS PERFECT FOR THE NEW STEREO AND MONAURAL RECORDS. THE FACT THAT THE NEW STEREO RECORDS CONTAIN VERTICAL MODULATION IMPOSES STRINGENT REQUIREMENTS ON TURNTABLES. THEY HAVE TO BE FREE FROM RUMBLE, FLUTTER, WOW AND SPEED VARIATION. THE LAFAYETTE TRUE HYSTERESIS SYNCHRONOUS MOTOR MEETS ALL THESE REQUIREMENTS WITH EFFORTLESS EASE, RESULTING IN SUPERIOR REPRODUCTION OF STEREO DISCS, AS WELL AS TREMENDOUS REDUCTION IN RECORD WEAR.

ONLY LAFAYETTE'S HYSTERESIS-SYNCHRONOUS MOTOR, in its price class, is made to extremely fine tolerances (on the order of .0001 inches)! Only Lafayette's motor has 16 cores, a high permeability rotor magnet, ball thrust bearings, oilite sleeve bearings plus felt oil reservoir, cooling fins as an integral part of the rotor and a hollow rotor core for maximum efficiency and minimum heat. Only Lafayette's motor can be oiled from above, without disassembly, through a unique oil feed system. Only Lafayette's motor has a self-aligning armature.

ONLY LAFAYETTE CAN GIVE YOU A REALLY PROFESSIONAL TURNTABLE WITH TRUE HYSTERESIS-SYNCHRONOUS MOTOR AT SUCH AMAZINGLY LOW PRICES!

Here's THE turntable—the last word in professional high-fidelity performance! A fine precision instrument in every sense. Just look at some of these **OUTSTANDING FEATURES:—WOW AND FLUTTER:** Less than 0.2% • **TURNTABLE:** Heavy, diecast aluminum. Lath-turned for perfect balance and concentricity, 12" diameter—weighs approx. 4 lbs. and provides amazingly constant speed; the extra-heavy motor acts just like a flywheel to prevent speed variations • **TRUE HYSTERESIS-SYNCHRONOUS MOTOR:** For smooth, low-noise, wow- and flutter-free operation • **RUMBLE AND NOISE:** 50 db below average recorded level • **INTEGRATED SPEED CONTROL:** For all 4 speeds—78, 45, 33 1/3 and 16 2/3 rpm • **2 OVERSIZE, HEAVY DUTY IDLERS:** Precision-ground, provide positive constant-speed rim drive • **SINGLE BALL THRUST BEARING:** Turntable rides smoothly over ball bearing floating on thin film of oil • **FREE-FLOATING, SHOCK-MOUNTED MOTOR • RUBBER CUSHION SHOCKMOUNTS • AUTOMATIC IDLER DISENGAGEMENT • RUBBER MAT • STAINLESS STEEL PRECISION SPINDLE • POWER REQUIREMENTS:** For 105-130 volts, 60 cps AC; draws 16 V.A. • **ACCESSORIES SUPPLIED:** 45 RPM adapter, Strobe disc • **SIZE:** 2 1/8" above and 4" below motor board; 1 3/4" deep x 12 1/4" wide • **SHIPPING WEIGHT:** 16 lbs.

LAFAYETTE MODEL PK-245W Net 64.50

## LAFAYETTE MONEY-SAVER COMBINATIONS

(Base not included—see index for selection of woodbases)

COMBINATION WITH 16" ARM					COMBINATION WITH 12" ARM				
COMB. NO.	TURNTABLE	ARM	CARTRIDGE	SPECIAL NET	COMB. NO.	TURNTABLE	ARM	CARTRIDGE	SPECIAL NET
PK-424WX	PK-245	PK-280	GE VR 225	87.95	PK-425WX	PK-245	PK-270	GE VR 225	85.95
PK-427WX	PK-245	PK-280	E-V 31MDS	87.95	PK-429WX	PK-245	PK-270	Pickering 371A	85.95
PK-428WX	PK-245	PK-280	Pickering 371A	87.95	PK-431WX	PK-245	PK-270	E-V 31MDS	85.95

Average Shipping Weight of these combinations is 18 lbs.

## NEW! LAFAYETTE 12" SINGLE SPEED 33 1/3 RPM HYSTERESIS TURNTABLE

• IDEALLY SUITED FOR STEREO • TRUE HYSTERESIS-SYNCHRONOUS MOTOR • RUMBLE & FLUTTER LESS THAN 0.2% • 4 1/2 LB. RIM - WEIGHTED ALUMINUM TURNTABLE

This 33 1/3 rpm turntable offers superior performance for hi-fi and professional use. Accurate and close tolerance machining throughout insures trouble-free operation, with extremely low levels of wow, flutter and rumble. Employs superior craftsmanship throughout—all critical parts are ground to micro finish. True hysteresis synchronous motor provides absolutely constant speed regardless of line voltage variations. Motor is shock-mounted with rubber cushion. Has precision ground shaft which turns on heavy ball-thrust bearing, thereby eliminating any vertical movement—a prerequisite for stereo. The 4 1/2 lb. die-cast rim-weighted aluminum turntable is lab-tested for perfect dynamic balance. The oversize heavy duty roller wheel provides positive rim drive. The roller is disengaged in "OFF" position to prevent hot spots. Sturdy mounting plate offers maximum shielding against hum flutter. Noise level is 45 db below average recording level. The turntable is attractively styled to blend with any home decor. Has "On-Off" switch and indicator light. Requires 26 watts on 105-120V., 60 cycles AC. Size: 13 1/4" x 14 1/4" x 6 1/4". Shpg. wt., 19 lbs.

PK-331W Net 47.50

## LAFAYETTE SPECIAL-VALUE COMBINATION

(Base not included—see index for selection of woodbases)

COMBINATION WITH 16" ARM					COMBINATION WITH 12" ARM				
COMB. NO.	TURNTABLE	ARM	CARTRIDGE	SPECIAL NET	COMB. NO.	TURNTABLE	ARM	CARTRIDGE	SPECIAL NET
PK-432WX	PK-331	PK-280	GE VR 225	74.50	PK-419WX	PK-331	PK-270	GE VR 225	72.50
PK-434WX	PK-331	PK-280	Pickering 371A	74.50	PK-421WX	PK-331	PK-270	Pickering 371A	72.50
PK-435WX	PK-331	PK-280	E-V 31MDS	74.50	PK-422WX	PK-331	PK-270	E-V 31MDS	72.50

Average Shipping Weight of these combinations is 21 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 ±7% SPEED ADJUSTMENT • STYLUS WEIGHT ADJUSTMENT SCREW ON TONE ARM • RUMBLE AND NOISE -40 DB • LESS THAN 0.3% WOW

Here is a complete hi-fi, compatible stereo pickup system, designed against obsolescence and yet priced modestly. 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 this system and requires no installation. Equally important in contributing to the excellent performance of this system is 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 mounting plate 12-15/16" left to right, and 10 1/4" front to rear. Requires 2 1/2" below and 3" above motor board. Size, 14 lbs.

PK-1605W—Complete stereo transcription player, less cartridge Net 26.95

PK-438W—Same as above, but with new GE Model VR 225 compatible stereo cartridge with diamond stylus. 39.95

PK-162W—Wood base for above, custom finished in either mahogany or blonde (Please Specify). Shpg. wt., 5 lbs. Net 3.95

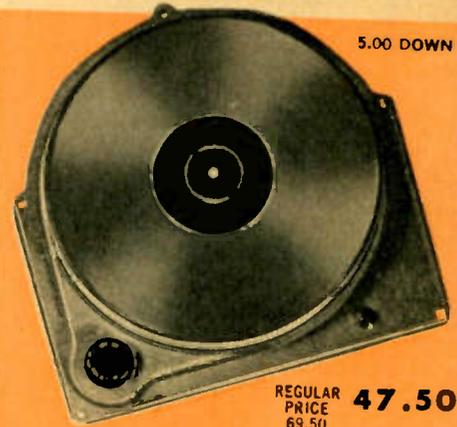
PK-163W—Unfinished mounting board for above. Strong durable 3/4" gumwood. (Shpg. wt., 1 lb.) Net .95

ENJOY A NEW REALISM IN SOUND WITH LAFAYETTE HI-FI COMPONENTS

VALUE ~~129.50~~ ONLY 64.50  
SAVE OVER 50%  
ONLY \$6.45 DOWN \$6.00 Monthly



FOR COMBINATION OFFER  
SEE TABLE AT LEFT



REGULAR PRICE 47.50  
5.00 DOWN 69.50



26.95  
(LESS BASE)

# OUTSTANDING TRANSCRIPTION TURNTABLES

## REK-O-KUT TRANSCRIPTION TURNTABLES

### 12" SINGLE SPEED RONDINES

**MODEL N-33H**—A brand-new belt driven 33 1/2 rpm turntable of excellent characteristics, equipped with a newly designed, self-lubricating hysteresis synchronous motor, incorporating a special winding for reduction of coating. Noise level is 53 db below average recording level. The turntable disc is solid aluminum, lathe turned and tapered for easy disc handling. A strobe disc is permanently attached, permitting instantaneous checking of speed. The chassis deck is a 15" x 15 1/2" aluminum plate finished in charcoal grey and two-tone aluminum. An endless belt of woven fabric with precision controlled characteristics is used to prevent noise transfer from motor to record. Adjustable tension control permits optimum adjustment. Minimum dimensions for cabinet installation, using the Rek-o-kut 5-120 arm: 17 1/2" x 16 3/8". Shpg. wt., 20 lbs.

**GR-240WX** 7.00 Down Net 69.95



### MODEL K-33H TURNTABLE KIT

A new belt driven 33 1/2 rpm turntable in single kit form — takes approximately 30 minutes or less to assemble with simple tools. Has a high efficiency hysteresis synchronous motor. Uses a belt drive to prevent noise transfer from motor. Noise level is 52db below average recording level. Turntable disc is solid aluminum-lathe turned and tapered for easy disc handling. Built-in strobe disc. Minimum dimensions for cabinet installation, using Rek-O-Kut 5-120 arm: 17 1/2" x 16 3/8". Height above deck — 3"; Height below — 4". Finished in silver tone aluminum. For 110-120 volts, 60 cycles AC. Shpg. wt., 18 lbs.

**GR-241WX** 5.00 Down Net 49.95  
**GR-242WX** Same as above, but for 110-120 volts, 50 cycle AC. 6.00 Down Net 59.95



**MODEL K-33**. Similar to K-33H kit above, but has heavy-duty 4-pole induction motor and is finished in decorator gray and two-tone aluminum. For 110-120 volts, 60 cycle AC.

**GR-243WX** 5.00 Down Net 39.95  
**MODEL K-33**. As above but for 110-120 volts, 50 cycle AC. **GR-244WX** 5.00 Down Net 47.45

### 12" 2-SPEED RONDINES

**MODEL L-34** — 2-speed turntable for high-fidelity use. Turntable is internally rim-driven, of heavy cast-aluminum alloy, lathe-turned for precision balance. Noise level 40 db below average recording level. Wow ± 0.25%. Special 4-pole induction motor. Single knob speed selector, with "off" position between speeds. Permanently-attached stroboscope disc for checking speeds. Built-in, retractable hub for 45 rpm records. Heavy gauge, steel deck. Marmertone gray finish. For 110-120 volts, 60 cps AC. Size 12" x 15"; height above deck 1 1/2"; depth below deck 5". Shpg. wt., 15 lbs.

**GR-246WX** For 33 1/2 and 45 rpm—6.00 Down—Net 59.95  
**MODEL L-37** Same as L-34, but for 33 1/2 and 78 rpm. **GR-247WX** 6.00 Down Net 59.95



### 12" 3-SPEED RONDINES

**MODEL B-12H** — With hysteresis-synchronous self-lubricating motor for the lowest possible wow and flutter free from rumble. Extra heavy turntable rim, aluminum casting. Noise level 57 db below average recording level. 3-speeds; "off" position between speed positions. Retractable 45-rpm hub. Stroboscope disc, permanently attached. Compensation adjustment for slight speed variation. Neon bulb pilot light. Cross-ribbed cast aluminum chassis deck. Silvertone aluminum finish. Size 13 1/2" x 14"; clearance required above deck 1 1/2", below deck 6 1/2". Shpg. wt., 20 lbs.

**GR-248WX** with hysteresis-synchronous motor. 14.00 Down Net 139.95

**MODEL B-12GH** Same as above, but uses newly designed hysteresis motor. Noise level — 53 db. **GR-249WX** 10.00 Down Net 99.95

**MODEL B-12** Similar to B-12H but with custom 4-pole induction motor. Noise level — 50 db. **GR-250WX** 8.49 Down Net 84.95



### UNIVERSAL BASES

16 3/8" x 16 3/8" x 5". Shpg. wt., 9 lbs.

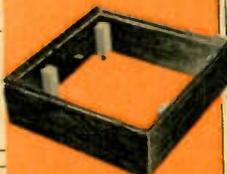
Stock No.	Model	For	Description	NET
GR-251W	BW	ALL MODELS	Solid Walnut	19.95
GR-252W	BU	ALL MODELS	Unfinished	10.95

### MOTOR BOARDS

GR-253W	MB-2	B-12; B-12H; B-12GH	Solid Walnut	3.95
GR-254W	ML-3	L-34 and L-37	White Lacquer	8.50
GR-255W	MX-3	K-33 and K-33H	White Lacquer	7.95
GR-256W	MX-1	K-33 and K-33H	Unfinished	4.95

### ROLL OUT PLATFORM

GR-257W	ROP-12	ALL MODELS	Stained Plywood	7.95
GR-258W	X-16	ALL MODELS	16" EXTENSION FOR 16" TONEARMS	6.95



## THORENS SWISS CRAFTED PLAYERS

### 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 • 11 1/2 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 • 15 1/2" x 12 3/8"; depth 2 3/8" • Shpg. wt., 32 lbs.

**GR-105WX** 10.00 Down Net 99.75



### TD-184 DIAL-O-MATIC TURNTABLE

A 4-speed turntable with integral arm. Has same basic precision-machined, adjustable speed drive as the TD-124. One dialing motion selects 7", 10" or 12" record size, starts table, and arm gently lowers into the lead-in groove. Turntable floats on nylon-sealed ball-thrust bearing for minimum wow, rumble and flutter. Features include: automatic shut-off and idler disengagement at end of record; reject-poussé control; complete manual operation if desired; 2-gram arm tracking; plug-in adapter to accommodate all standard stereo or monaural cartridges. Complete with line cord and two shielded audio cables. Sizes 15" x 12" d; 2 1/2" below panel, 3" above. For any voltage 100-250, 50 or 60 cycle AC. Shpg. wt., 25 lbs.

**GR-106WX** 7.50 Down Net 75.00



### TD-134 TURNTABLE

A fine 4-speed manual turntable. Features an integral arm wired for stereo and turntable exactly like the TD-184 except that the semi-automatic features have been omitted to save you money. Has same precision adjustable speed drive, same mirror-finish machining, same high-performance arm — an outstanding value for the budget-minded hi-fi enthusiast. Shpg. wt., 17 lbs.

**GR-107WX** 6.00 Down Net 59.95



### TDK-101 TURNTABLE KIT

A precision-crafted transcription turntable in kit form — can be assembled in 30 minutes with simple tools. Same basic drive as on the more expensive TD units, but single speed, 33 1/2 rpm. Adjustable speed and built-in strobe disc. Low wow, rumble and flutter. For 110-120 volts, 60 cycle AC. Shpg. wt., 13 lbs.

**GR-108W** 5.00 Down Net 47.50



## THORENS ACCESSORIES

Bases are sturdy wooden units attractively finished in Walnut, Mahogany, and Blond except base for CD43NS which is finished in Mahogany and Blond only. Mounting boards are unfinished. Specify finish on bases.

BASES				MOUNTING BOARDS		
FOR MODEL	STOCK NO.	SHPG. WT.	NET	STOCK NO.	SHPG. WT.	NET
TD-109	GR-109W	6 lbs	9.00	GR-112W	4 lbs.	4.50
TD-134, 184	GR-110W	4 lbs	6.00	GR-113W	4 lbs.	4.50
TDK-101	GR-111W	6 lbs	9.00	GR-114W	4 lbs.	4.50

### OTHER ACCESSORIES

**GR-115** 12" Arm Support for TD-124—Walnut, Mahogany, Blond and Black. Shpg. wt., 1 lb. Net 3.00  
**GR-116** 16" Arm Support — Same as above for 16" Arms. Shpg. wt., 1 lb. Net 3.75

## FAIRCHILD TURNTABLES

**MODEL 412-1**. Single speed, 33 1/2 rpm basic unit. Belt drive, self-lubricating hysteresis synchronous motor, balanced 15 lb. turntable. Ball-thrust bearing in nylon seat. Main shaft micro-honed, runs in polished babbit. Acoustically silent — exceeds NARTB specs by 3 to 1 margin. Requires mounting board 16" wide, cutout 13 1/2" x 8"; 6" clearance below board. For 110-120 volts, 60 cps AC. Shpg. wt., 28 lbs. Less base and tone arm.

**GR-270WX** 8.00 Down Net 79.50

**MODEL 412-2**. Same as above, but for 33 1/2 and 45 rpm.

**GR-271WX** 10.00 Down Net 99.50

**MODEL 412-4**. Same as 412-1, but 4-speed model with new Electronic Drive, a plug-in variable frequency electronic power supply. Speeds adjustable ± 3%. For 50/60 cps 110-120 volts AC. Draws 160 watts. Shpg. wt., 25 lbs.

**GR-272WX** 24.60 Down Net 246.00

**412-BF** — Base for models 412-1 and 412-2 turntables. Shock mounted. In oil finished walnut with white formica top for all 12" arms. 17 1/2" x 14 3/4" x 6 1/4". Shpg. wt., 6 lbs.

**GR-273W** — Base (illustrated) Net 20.00



## BOGEN-PRESTO HI-FI TURNTABLE

**MODEL TT-3** Designed for critical listening to stereo records, single speed 33 1/2 rpm turntable with precision hysteresis motor. Has belt-drive system that virtually eliminates rumble, wow and flutter. Includes built-in strobe disc for checking of speed and specially designed turntable mat for perfect traction and gentle handling of records. Shpg. wt., 17 lbs.

**GR-280W** 6.00 Down Net 59.95

**P87** Wood base for TT-3 finished in walnut. **GR-281W** Net 13.95



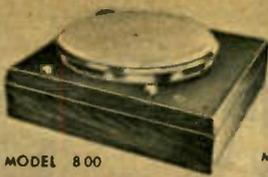
# FAMOUS HI-FI STEREO-MONAUURAL TURNTABLES



MODEL  
B-50-16 LCS



MODEL B60



MODEL 800



MODEL ML-1



MODEL 33-H

## BOGEN VARIABLE-SPEED HI-FI STEREO TURNTABLES

B50-16LCS — with new GE VR-225 (5 mil) Diamond Stereo Cartridge. Shpg. wt., 17 lbs.  
GR-278W Net 52.90

B50-16LCS — with E-V 31 MDS (5 mil) Diamond Stereo Cartridge. Shpg. wt., 17 lbs.  
GR-279W Net 51.90

**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 16½, 33½, 45 and 78 rpm. Heavy-duty 4 pole constant-velocity motor. Weighted balanced turntable of 11½" 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 pick-up arm prevents damage to stylus or record. Adjustable stylus pressure. Supplied with vibration isolators. For 95-125 volts, 60 cps AC. Mounting space 15" x 11½", 2½" above and 1¾" below mounting board. Shpg. wt., 17 lbs.  
**GR-282W** — With plug-in-head — less cartridge 5.00 Down Net 40.40  
PB-5 Mahogany Wood base for B50 Turntable. Shpg. wt., 5 lbs. Net 4.80  
H-2 Plug in Head-wired for stereo for B-50 turntable Net 4.80  
**GR-284** — Net 2.75  
SCK — Stereo Conversion Kit for B-50 series turntable Net 3.95  
**GR-285**

**MODEL B60 Phono Mechanism** — Completely wired for Stereophonic and monaural high-fidelity systems. Four pole, heavy-duty, constant-velocity motor and balanced 11½" rubber-padded turntable. Four speeds, 16½, 33½, 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. Wow and flutter are less than .25% at 33½ rpm even better at faster speeds. For 95-125 volts 60 cps AC. Shpg. wt., 20 lbs.  
**GR-286WX** 5.00 Down Net 49.95  
**MODEL B61 Phono Mechanism** — Essentially the same as the B60, but with non-ferrous 7½ lbs. turntable providing no measurable hum or flutter. Shpg. wt., 24 lbs.  
**GR-287WX** 5.50 Down Net 54.95  
PB-6 Walnut Wood Base for B60 and B61. Shpg. wt., 5 lbs. Net 5.25  
**GR-288W**  
H-4 Aluminum Head — Plug-in head for B60 and B61  
**GR-289** Net 4.00

## WEATHERS ML-1 TURNTABLE

This lightweight turntable achieves all of the long sought-for advantages of lightness, eliminating the mechanical noise inherent in heavy turntables. It uses a 12 pole synchronous motor small enough to generate little vibration, yet having adequate torque to maintain exactly synchronous speed despite normal variations of load or line voltage. The net result is a noise level 25 db lower than the noise on the best records available today. This 33½ rpm single-speed turntable is specifically designed for modern pickups with wide range response and low tracking pressure. Mounted on a 14½" x 15½" metal motor-board with a total overall height of only 2½", this turntable is one of the lightest, most compact on the market.  
Model ML-1 Turntable with base. Shpg. wt., 13 lbs.  
**GR-321W** 6.00 Down Net 59.95  
Shpg. wt., 4 lbs.  
**GR-322W** 5.00 Down Net 34.50  
M-601D — Weathers Stereomonic pickup system and ML-1 Turntable completely assembled on an ebony base, ready to plug into an existing audio system. Shpg. wt., 14 lbs.  
**GR-323WX** 11.95 Down Net 119.50

## KL-1 TURNTABLE KIT

This kit is identical with the ML-1 synchronous turntable, except that it does not come mounted on a motorboard. Shpg. wt., 10 lbs.  
**GR-320W** (less base) 5.00 Down Net 49.95

## LAFAYETTE'S FINEST PORTABLE PHONOGRAPH

- PLAYS BOTH STEREO AND MONAUURAL
- FULLY AUTOMATIC GARRARD CHANGER
- TWO POWERFUL 10 WATT AMPLIFIERS
- SECOND SPEAKER EASILY DETACHED

A complete portable and compact stereo phonograph in one convenient case. System uses the well-known Garrard RC-121/11 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. 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 6" x 9" speaker with 19 ft. extension cord. Main unit houses two speakers—one 6" x 9" woofer and one 4" tweeter. Phonograph has easy-grip handle on attractive smart-looking Pyroxilin covered case. Size: 18½" long, 15½" wide, 9" high. Shpg. wt., 36½ lbs. Complete Stereo phonograph with remote speaker.

**PH-128WX** Net 89.50

Only 8.95 Down — 8.00 Monthly

## GRAY MODEL 33-H STEREO TURNTABLE

**MODEL 33-H** Operating at a single speed of 33½ rpm, the turntable has a minimum of moving parts, linkages and other mechanical components; thus assuring trouble-free long-life service. The quiet operation of the top quality hysteresis-synchronous motor is made even better by the use of special shock mounts and by using a shock absorbing flexible belt drive system. Wow, flutter and rumble better than NARTB requirements. Finished in gold, black and satin aluminum. Supplied with pilot light, 2-5' audio cables and 8' line card. Size: 16 x 14½", 3" below and 2½" above mounting plate. For 117 volts, 60 cps. Shpg. wt., 18 lbs., less base and tone arm.  
**GR-300WX** 8.00 Down Net 79.95

**MODEL 33-C WOODBASE** for 33-H. Specify Mahogany, Walnut or Blonde finish. Shpg. wt., 15 lbs.  
**GR-301W** 5.00 Down Net 23.95

**MODEL HSK-33 KIT** Single Speed 33½ RPM Turntable kit with Hysteresis Synchronous Motor. Shpg. wt., 14 lbs.  
**GR-302W** 5.00 Down Net 49.50

**MODEL TBA FORMICA BASE** Specify Mahogany, Walnut, or Blonde. Shpg. wt., 15 lbs.  
**GR-303W** Net 17.95

## PICKERING "GYROPOISE 800"

A radically new idea in turntable design has completely eliminated the most serious problem in stereo record reproduction—vertical rumble. Instead of a vibration-producing vertical bearing, the Gyropoise revolves in a magnetic suspension—the turntable floats on a cushion of air. Flutter and wow are virtually eliminated by means of the "inverted belt drive." The result is a noise level of 65 db below reference level. The fully synchronous motor has a total speed variation of only .2%. This turntable is designed specifically for 33½ rpm microgroove records, up to 12" in diameter. It employs a built-in precision leveling adjustment with level indicator. A foam rubber turntable mat protects delicate record surfaces. Panel dimensions 15½" x 13½", height above panel 1½", depth below panel 3". Shpg. wt., 11 lbs.  
**GR-310W** 6.00 Down Net 59.85  
Pickering 800 CB WOODBASE — For "800" Turntable Specify mahogany, walnut or blonde. Shpg. wt., 5 lbs.  
**GR-311W** Net 15.00



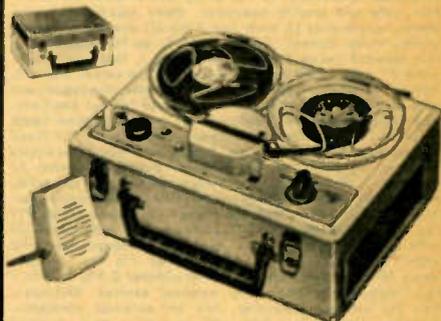
89.50

*At Last!*  
**A TAPE RECORDER EVERYONE CAN AFFORD**  
A Precision Unit Imported to Bring You Super Value and Economy

- WEIGHS ONLY 7½ LBS.
- COMPLETE WITH MONITOR JACK AND EAR PHONE
- USES STANDARD 5" REEL
- RECORD LOCK PREVENTS ACCIDENTAL ERASURE

**69.95**

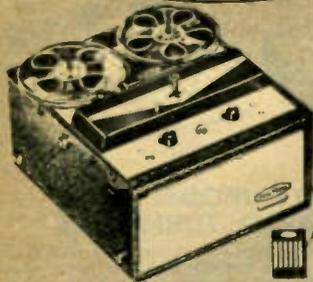
7.00 DOWN 7.00 MONTHLY



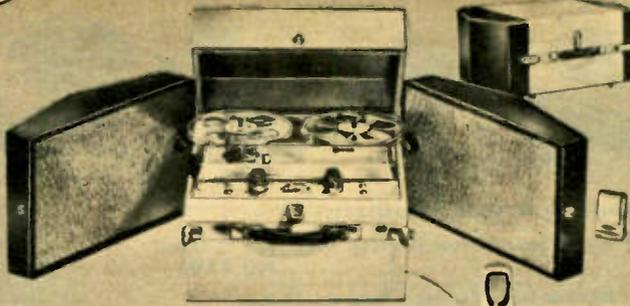
Perfect for dictation at the office, lecture notes and speech correction for the student or for that party at home. This compact, rugged portable tape-recorder with tape speed of 3¾ ips provides up to one hour of recording time on a standard 600 ft. 5" reel of tape. Special permanent magnet dynamic speaker insures clear reproduction. Complete with sensitive microphone plus earphone for monitoring. All the features of the larger units yet weighs only 7½ lbs. and measures only 10-11/16" x 4¾" x 5¾". Attractively finished in two-tone scuff resistant vinyl type material. Shpg. wt., 10 lbs.  
**RK-104WX** 7.00 Down Net 69.95

# PENTRON

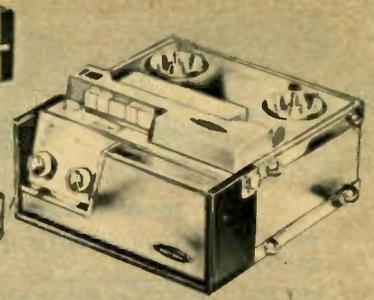
# STEREO & MONAURAL TAPE RECORDERS



MODEL TR-10S



MODEL TR-20



MODEL XP-60S

## "CONCERTO" STEREO MODEL TR-10S

The new "Concerto" is designed to capture the actual sound of anything you record. Discover the exciting realism of recording and listening to your own stereophonic tapes or pre-recorded tapes. Two speeds: 7 1/2 and 3 3/4 ips. Features wide range professional quality spring loaded 3-point mount for azimuth and height adjustments. May be used as p.a. system by plugging mike into radio input. Has powerful heavy duty 4 pole, shaded pole motor, dynamically and individually balanced. Power output: 4 watts. Include 6" round PM extended range speaker. Unimagic single lever control for Play, Record, Fast Forward, Fast Rewind. Separate interlock record button. One knob speed change control. Separate volume control. Tone control for continuously variable response with on-off switch. Heads combination includes a compatible in-line stereo head (4-track or 2-track with 80 micro-inch gap) and a half-track double gap erase head. Record level indicator is of neon type. Fast forward winds 7" reel in 75 sec. Fast rewind rewinds 7" reel in 90 sec. Frequency response: 40-11,000 cps at 7 1/2 ips and 40-7,000 cps at 3 3/4 ips. Signal to noise ratio: -45 db. Flutter: Under 0.4% at 7 1/2 ips. Inputs: 1 for mic or magnetic phono cartridge; 1 for radio, TV, crystal cartridge. Outputs: 1 for external amplifier or head phone monitoring; 1 for external speaker. Tube complement: 6J7, 6SL7, 6X5, 6U6. For 105/120V, 60 cycles AC. Size: 11 x 14 x 17". Complete with sensitive crystal (high impedance) mike. Shpg. wt., 27 lbs.

RK-200WX ..... 14.00 Down ..... Net 139.95

PENTRON MONOPHONIC MODEL TR-10. Similar to above, but with combination precision Record/Play head and a half-track double gap erase head for monophonic use.

RK-201WX ..... 11.00 Down ..... Net 109.95

## "ARISTOCRAT II" STEREO MODEL TR-20

Bring thrilling stereo performance into your home with this complete self-contained stereo playback system with monophonic record/playback. Two speeds: 7 1/2 and 3 3/4 ips. Has two detachable speaker cabinets, each containing two speakers. Can be located as desired for true stereo reproduction. Features automatic micro switch shut-off at the end of the reel; instant automatic braking, automatic idler disengagement, professional digital type index counter, illuminated VU meter for record level indication, and tape lifter during fast forward and rewind. Ideal for use as power amplifier and speaker system for phonograph, tuner, radio, TV, etc. Powerful heavy duty 4 pole, shaded pole motor, dynamically and individually balanced. Power output: 20 watts push-pull; 2 independent pre-amp and 2 independent power amplification channels. Frequency response: 40-15,000 cps at 7 1/2 ips and 40-12,500 cps at 3 3/4 ips. NAB standard equalization. Flutter under .3% at 7 1/2 ips. Signal to noise ratio: -52 db. Has compatible in-line stereo head (4-track or 2-track) and a half-track double gap erase head. Controls: Finger Fille single rotary control for Play, Record, Fast Forward, Fast Rewind. Separate interlock record button, 2 vol. controls, 2 tone controls. Quick-Flip speed change control, 2 inputs: 1 for magnetic phono or mic.; 1 for radio, TV, etc. Outputs: 2 for external amplifiers; 2 for external speakers. Fast Forward winds 7" reel in 75 seconds. Fast rewind winds 7" reel in 90 seconds. Cabinet finished in beautiful two-tone with Shur-Grip Decar handle. For 105/120V., 60 cycles AC. Complete with super sensitive, crystal (high impedance) mike, empty take-up reel, reel of blank tape, instruction manual. Size: 22 1/2 x 11 1/4 x 15 1/4". Shpg. wt., 42 lbs.

RK-204WX ..... 27.00 Down ..... Net 269.95

## "TRIUMPH" STEREO MODEL XP-60S

The all new "Triumph" stereophonic recorder will bring you real-life sound and turn any room into a concert hall. May be used as p.a. system by plugging microphone into radio input jack. Features Push Button Controls that allow you to "jockey" from Wind to Rewind, or vice versa; instant automatic "Sure-Lok" brakes; and digital type index counter. Advanced electronic design features straight AC power transformer circuitry (no shock hazard, no hum). Polished die cast aluminum reel rests cannot warp—reduce wow. Flick of a switch allows optional monitoring in Record. Automatic shut-off stops machine when tape runs out. 2 speeds: 7 1/2 ips and 3 3/4 ips. Wide range spring-loaded 3-point mount for azimuth and height adjustment. Individual control buttons for Play, Record, Wind, Rewind, and Stop. Impossible to accidentally erase, spill, or break tape. Separate tone control and volume control. Flick of a switch changes speed, even while machine is in operation. Features 3-speaker performance; one 4X6 oval (with built-in whizzer cone); and one 4" PM. Heads include Compatible in-line stereo head (4-track or 2-track) and a half-track double gap erase head. Inputs: 1 for lower level; 1 for radio, TV, etc. Outputs: 1 for 8 ohm external speaker; 1 for external power amplifier. Specifications—Frequency response: 40-15,000 cps at 7 1/2 ips, 40-12,500 cps at 3 3/4 ips. Equalization: NAB standard. Signal to noise ratio: -52 db. Wind or rewind 7" reel of tape in 80 sec. Flutter under 0.3% at 7 1/2 ips. Motor is of heavy duty 4 pole, shaded pole, dynamically and individually balanced. Recording time: 3 hrs. on 7" lang play reel. For 105/120 V., 60 cycles AC. Complete with super sensitive, crystal (high impedance) mike; empty take-up reel; reel of blank tape; instruction manual; AC line card. Size: 6 1/2 x 12 1/4 x 12 1/4". Shpg. wt., 20 lbs.

RK-209WX ..... 20.00 Down ..... Net 199.95

PENTRON MONOPHONIC MODEL XP-60. Same as above, but with monophonic combination precision Record/Play head and a half-track double gap erase head.

RK-210WX ..... 17.45 Down ..... Net 174.50

## "EMPEROR II" STEREO MODEL NL-4

Pentron's latest development in self-contained, portable tape recorders is a dream. The Emperor II has been specially designed for taping stereo discs, AM-FM, and Multiplex broadcasts. It has every conceivable device for fast, safe and quality operation. Head Assembly: In-line stereo record/play (4 track and 2 track); one stereo/monophonic erase. Speeds: 7 1/2 ips and 3 3/4 ips for record/play, fast forward (wind 7" reel, in 75 sec.), fast rewind (rewind 7" reel in 90 sec.). Automatic micro-switch shut-off, instant automatic braking; automatic idler disengagement and tape-lifter for elimination of sound in fast positions. Has digital type "footage" counter and 2 electron beam recording level indicator. Controls: single rotary for Play/Record/Fast Forward/Rewind; Safety Interlock Record button; two volume; two Bass/Treble; Monitor Channel 1/Channel 2; Record Selector Switch. Motor is a powerful, heavy duty 4-pole, shaded-pole type, dynamically balanced. SPECIFICATIONS: Response—40-15,000 cps at 7 1/2 ips; 40-12,000 cps at 3 3/4"/sec. Power—20 watts push-pull with 2 independent pre-amp. units and 2 independent amp units. Equalization—NAB playback at 7 1/2 ips. Noise—down 50 db of full outputs. Flutter—Under 0.3% at 7 1/2"/sec. Inputs—Microphones or external sources. Outputs—Two for external amplifier, two for external speakers—may be used as a public address system, too. Internal Speakers—2 4x6 oval type for stereo monitoring and playback, and may be used in conjunction with external speakers MODEL ES-2 to provide the ultimate in realism. Complement of 14 tubes. Size: 17-1/16" W x 17-1/16" L x 10 1/4" H. Shpg. wt., 45 lbs.

RK-202WX ..... 37.50 Down ..... Net 375.00

## PENTRON MIC. MIXER MODEL CA-14

RK-211 ..... 5.00 Down ..... Net 39.95

## MODEL ES-2 SPEAKER SYSTEM

Matching separate speaker enclosures for NL-4 or any hi-fi system. Each contains an 8" coaxial speaker, one 3" tweeter, and a crossover network. Size: 14 x 9 x 16". Shpg. wt., 17 lbs.

RK-205 ..... 6.00 Down ..... Net 59.95

## MODEL RC-6—Remote Control for NL-4

Permits chairside aural balancing of channels providing the utmost in listening convenience. Equipped with master volume control, balance control and reversing channel selector switch. 15 ft. extension cable with special Jones plug fits into input receptacle on NL-4 recorder. 1 lb.

RK-206 ..... Net 15.95

## COMPANION AMPLIFIER/SPEAKER MODEL SS-61

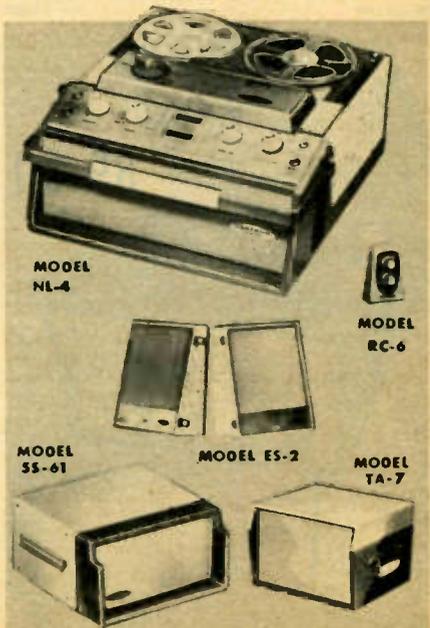
The Model SS-61, identical in size and appearance, is designed to complement the TRIUMPH recorder. Contains a portable amplifier and speaker combination. Has separate volume and tone control. Ideal combination for perfection in stereophonic reproduction. Shpg. wt., 9 lbs.

RK-207 ..... 5.00 Down ..... Net 44.50

## TA-7 PORTABLE SPEAKER/AMPLIFIER SYSTEM

The ideal "add-on" unit for "Concerto" (TR-10S) stereo tape recorder to complete the second channel. Contains 4-watt amplifier, 6" woofer, 4" tweeter, and crossover network. Has separate volume and Bass/Treble controls. Matches "Concerto" in design and appearance. Size: 12 1/2" x 12 1/2" x 9 1/4". Shpg. wt., 10 lbs.

RK-208 ..... 5.00 Down ..... Net 44.50



MODEL NL-4

MODEL RC-6

MODEL SS-61

MODEL ES-2

MODEL TA-7

# POPULAR AWARD-WINNING TAPE RECORDER VALUES!

## Wollensak

**TAPE RECORDER • 10 WATTS PUSH-PULL OUTPUT! • MFR'S GUARANTEED SPECS! • RESPONSE 40-15,000 CPS ± 3 DB AT 7.5 IPS! • DISTORTION LESS THAN 0.8%! • WOW AND FLUTTER BELOW 0.3% • SIMPLIFIED KEYBOARD CONTROL! • WEIGHS ONLY 18 LBS.!**

**MODEL T-1500 HI-FI TAPE RECORDER** 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 1/4". Takes reels up to 7". Additional features of this outstanding recorder include: signal-to-noise ratio 48 db; 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. Shpg. wt., 21 lbs. Also available in 50 cycle units; specify **RK-405WX** Reg. **T99-50** 13.95 Down SALE! Net 139.50

**MODEL T-1515 STEREO HI-FI TAPE RECORDER** Same features as Model T-1500 except with the addition of stereo head and a built-in stand and preamp. Shpg. wt., 24 lbs. **RK-406WX**—Reg. 229.50—16.75 Down SALE Net 167.50

**MODEL T-1600 ELECTRONICALLY CONTROLLED RECORDER** Stops, rewinds, replays, turns off automatically. New **BACK SPACE BAR** provides instant and immediate replay of any part of the tape. **PUSH-TO-TALK** Control on The Microphone permits operation from remote location. Electrical specifications and features similar to MODEL T-1500, plus added function indicator lamps. Shpg. wt. 23 lbs.

With remote control, ceramic microphone, 2 reels, tape and cords.

**RK-407WX** Reg. 299.50—23.75 Down Sale! Net 275.50  
**MODEL T-1616 STEREO RECORDER.** Same electronic-automatic features and accessories as MODEL T-1600, but with added **IN-LINE** stereophonic playback head and built-in second preamp. Shpg. wt., 26 lbs.  
**RK-408WX** Reg. 329.50—26.12 Down Sale! Net 261.25

### ACCESSORIES FOR WOLLENSAK TAPE RECORDERS

**SK-707** Stereo conversion kit for T1500 and T1600. Shpg. wt., 1 lb. Net 13.50  
**RK-409** 5.00 Down Net 31.50  
**TSC-405 CASE**—genuine virgin vinyl, slip-over type case for Wollensak recorders. Shpg. wt., 2 lbs. Net 6.75  
**RK-410W** Net 6.75  
**TE-401 EAR PHONE**—Low impedance. Shpg. wt., 8 oz. Net 9.45  
**RK-411** Net 9.45  
**TF-404 FOOT CONTROL**—Starts and stops tape instantly.  
**RK-412** For 1500 series only. Shpg. wt., 2 lbs. Net 15.75  
**TF-908 MIXER**—3 inputs. Mixes any combination of 3

**LAFAYETTE SCOOPS THE TAPE RECORDER INDUSTRY WITH THE NEW LAFAYETTE RK-103WX DUAL SPEED TAPE RECORDER—PROFESSIONAL QUALITY AT A PRICE YOU CAN AFFORD!**

• **PUSH-BUTTON CONTROLS** • **DUAL SPEED** • **TWIN SPEAKER** • **TAPE INDEX COUNTER** • **SIGNAL TO NOISE RATIO BETTER THAN 40 DB** • **WOW AND FLUTTER LESS THAN 0.35%** • **DUAL TRACK** • **POWERFUL 5 WATT AMPLIFIER**

Lafayette has it! We are not at liberty to divulge the nationally famous name of this instrument's manufacturer. However, we are confident that its features will speak for themselves — rugged fool-proof push-button controls for play, record, rewind, forward and stop. Automatic interlocked switching makes it impossible to accidentally erase, spill, or break tape. Dual speeds — 7 1/2 and 3 1/2 ips. Record level indicator to facilitate recording. Fast forward and rewind — 1200" in 80 seconds. Accepts 7" reel size. Twin matched speakers for 360° sound distribution. Tape

index counter. Response 50 to 13,000 CPS. Provision for connecting to external speaker and external amplifier. In put jack for your Radio-Phono or T. V. Complete with microphone, 600 ft., of tape and extra reel. Attractively finished in black and white scuff-resistant pyroxylin material. Dimensions are 14" H x 14" W x 10" D. Shpg. wt., 33 1/2 lbs.

**LAFAYETTE DUAL SPEED TAPE RECORDER**

**RK-103WX** 9.95 Down Net 99.50

### RECORDIO MODEL 592 'Maestro' SELF-CONTAINED STEREOPHONIC TAPE RECORDER

Press a button and, rich, high fidelity sound carries you right into the recording studio. Plays stereo tape—records monophonically. Features include: multi-purpose inputs, external speaker and amplifier output, compensated dual volume control, 6 watt output, frequency response of 80-10,000 cps., record indicator, twin 5 x 7" extended range speakers, tone control, 40 db S/N ratio. Record interlock prevents accidental tape erasure. Speeds are 7 1/2 and 3 1/2

ips plus fast-forward and rewind. Resettable tape indicator pointers. Handles up to 7" reels. Can be used as a public address system. Built-in storage compartment holds tape, reels, A.C. cord, microphone and other accessories. Size 14 1/2 x 15 1/2 x 10". Shpg. wt. approx. 37 lbs. For 117V 60 cycle A.C. Supplied with crystal microphone, 7" empty reel, 3" reel of tape, instruction book, patch cord adapter.  
**RK-105WX** List 219.50 14.00 down Net 139.95

## Lafayette "TRANSCORDER" TRANSISTORIZED PROFESSIONAL POCKET TAPE RECORDER . . . RECORD-PLAYBACK ANYWHERE FOR ONLY PENNIES PER HOUR . . . FOR EXECUTIVES, SALESMEN, PROFESSIONALS, TRAVELERS AND HOBBYISTS.

Weights only 3 pounds—size 8 1/2" x 3 3/4" x 1 1/2" — take it anywhere — in your briefcase or slung over your shoulder. As simple to operate as a camera — only 3 controls; ON-OFF — PLAY — RECORD — volume. Completely transistorized. The only pocket tape recorder that operates on one battery. Records and plays back for one full hour. And here is another exclusive — 1 1/2 hour tape cartridges are also available. Tape speed 1 1/2" per second. Slip in a cartridge of recording tape and you're ready to record. Eliminates old-fashioned tape threading found in other tape recorders. Records and plays back with amazing fidelity, and sensitive microphone picks up conversation as far as 30 feet away! Manual rewind is fast (less than 2 minutes), simple, economical — and foolproof! No backlash. No battery drain. No tape breakage. The hi-fidelity Mylar tape is erasable and can be used over and over again indefinitely. Recordings can be monitored while they are

being made. Visual battery life indicator. Recording time indicator tells you at a glance the recording time remaining. Play back through microphone. Accommodates a transistorized power amplifier and a 2-inch speaker which fit into the battery compartment. Available as accessory, this unique feature makes the TRANSCORDER completely self-contained, and puts it years ahead of all other pocket tape recorders now sold. Two-tone baked enamel finish. Because it is self-powered it is particularly useful to announcers, executives, salesmen, reporters, conference leaders, lawyers, and physicians who desire at a moment's notice to record important information.

**TRANSCORDER** — complete with combination microphone — playback speaker — one-hour tape recording cartridge and 12-hour battery. Shpg. wt., 4 lbs.

**RK-425WX** List 249.50 18.95 down Sale! Net 189.50

### ACCESSORIES

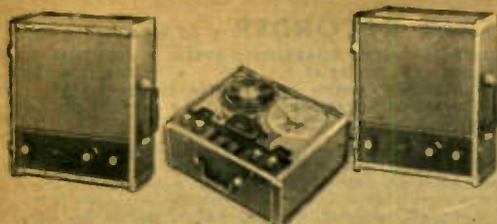
Transistorized power amplifier/speaker. Fits inside battery compartment. Shpg. wt. 8 oz.  
**RK-426** 5.00 down Net 31.50  
Leather carrying case with adjustable shoulder strap, and pouch for microphone and earphone. Shpg. wt. 1 lb. Net 13.25  
**RK-427** Net 13.25  
Telephone mike — for recording two-way telephone conversations. Shpg. wt. 8 oz.  
**RK-428** Net 8.95  
Shoulder holster for carrying TRANSCORDER under jacket or coat. Shpg. wt. 8 oz.

**RK-429** Net 4.45  
**RK-430** Earphone Kit. Shpg. wt. 8 oz. Net 11.25  
Transcribing control with foot pedal. Stops and starts TRANSCORDER during transcription. Shpg. wt. 3 lbs. Net 35.50  
**RK-431** 5.00 down Net 35.50  
Tape cartridge—one-hour recording time. Shpg. wt. 8 oz. Net 10.25  
**RK-432** Net 10.25  
Tape cartridge 1 1/2 hour recording time. Shpg. wt. 8 oz. Net 12.15  
**RK-433** Net 12.15  
Replacement Battery (Burgess 2X7 or equiv.) Shpg. wt. 8 oz. Net 1.82  
**BA-315** Net 1.82

BUY THE MERCHANDISE YOU WANT NOW ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

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# STEREOPHONIC—HI-FI—QUALITY TAPE RECORDERS



## AMPEX TAPE RECORDERS

### UNIVERSAL "A" 900 SERIES



## 601-2 PORTABLE TWO-TRACK STEREOPHONIC RECORDER

The AmpeX 601-2 offers a new high level of perfection in professional stereophonic recording and reproduction, and makes it available in its most compact, portable form. Shock-mounted synchronous power drive, positive shaft alignments, and lifetime bearings. Has separate mixing facility on each channel between microphone and other inputs. Records both stereo and single channel tapes. Plays back stereo, full, or half-track tapes. Features separate record and playback amplifiers, direct reading meter for playback and recording levels, separate erase, record (in-line) and playback (in-line) heads, low impedance output, plug-in low impedance mic. transformer. Tape speed: 7 1/2"/sec. Frequency response: 30-15,000 cps. Signal to noise ratio: -50 db. Channel separation: over 50 db. Flutter and wow below .17%. For 117 volts, 60 cycle, 85 watts. Size: 8 x 13 x 2 1/2" (including case). Shpg. wt., 42 lbs.

Model 672. Includes portable saddle ton carrying case. **RK-295WX** 99.50 Down Net **995.00**

Model 652. Half track monaural recorder. Similar quality to 672. Includes saddle ton case. Shpg. wt., 35 lbs. **RK-296WX** 59.50 Down Net **595.00**

Model 654. Full track monaural tape-recorder. Similar quality to 652. Includes saddle ton case. Shpg. wt., 35 lbs. **RK-297WX** 59.50 Down Net **595.00**

The AmpeX "Caprice"—a complete stereo record/reproduce system in compact, portable form. Three smartly styled, scuff-proof cases in two-tone grey and aluminum house a Model 960 "Universal A" tape recorder/reproducer and two matched speaker-amplifier systems (Model 2010). Frequency response: 30-20,000 cps @ 7 1/2 ips, 30-15,000 cps @ 3 1/2 ips. Will handle 2- and 4-track stereo plus half-track monaural tapes. High impedance line and mike inputs. Professional-quality head assembly—three separate, dual-track stacked (in-line) heads for record, playback, and erase. Each transmitter has 10-watt linear amplifier and specially designed 8" speaker housed in acoustically correct enclosure. Individual balance and tone controls on each unit plus input jacks with front-panel selector switch. System operational controls on recorder unit. Each unit 15" wide x 17 1/2" high x 9" deep. Shpg. wt., 42 lbs (recorder) and 36 lbs. (each sprk. unit).

Model 2560. Complete stereo system as described. Tape unit plus 2 amplifier speaker units. Shpg. wt., 115 lbs. **RK-292WX** 99.50 Down Net **995.00**

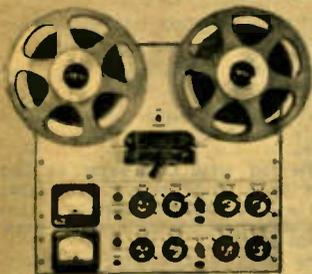
Model 960. Portable recorder. Grey finish. Shpg. wt., 42 lbs. **RK-290WX** 65.00 Down Net **650.00**

Model 2010. Amplifier-speakers. Grey finish. Shpg. wt., 36 lbs. **RK-291WX** 19.95 Down Net **199.50**

Model 952. Unmounted stereo recorder. Grey finish. Shpg. wt., 40 lbs. **RK-293WX** 59.50 Down Net **595.00**

Model 954. Unmounted stereo recorder. Beige finish. Shpg. wt., 40 lbs. **RK-294WX** 59.50 Down Net **595.00**

## CROWN TAPE RECORDERS



"Gold Crown Stereo X"—Professional recorder provides full- and half-track recording as well as Stereo at 15, 7 1/2, and 3 1/2 ips; with speed reducer, 1 1/2 ips optional. Frequency response: ±2 db 30-30,000 cps at 15 ips; ±2 db 20-20,000 cps at 7 1/2 ips; ±3 db 30-11,000 cps at 3 1/2 ips. Signal to noise ratio better than 51 db (NAB standard) depending on speed. The Record-Play amplifier has 2 high impedance input channels, bass and treble boost, recording bias check, 3 speed record play equalization, 3" VU meter. Cathode follower output. Less than .2% distortion at 1 volt output. 2 amplifiers required for stereo. Size: 19" W, 17 1/2" L, 7 1/2" D. Shpg. wt., 46 lbs.

Model GSCX 2-Track. Basic complete recorder as described above.

**RK-310WX** 69.50 Down Net **695.00**

Model GCSX 4-Track. 4-track version of above recorder. **RK-311WX** 69.50 Down Net **695.00**

Model GCSX With Combination Head. Records and plays 2-track stereo and plays 4-track stereo. **RK-312WX** 71.50 Down Net **715.00**

Model GCSX With Combination Head. Records and plays 4-track stereo and plays 2-track stereo. **RK-313WX** 71.50 Down Net **715.00**

Model SXCC Carrying Case. For GCSX recorder. Black nauga-hide covering. Shpg. wt., 12 lbs. **RK-314** 5.90 Down Net **59.00**

Model LHA Hub Adapter. Hub adapters for NAB hub (10 1/2" reel). Shpg. wt., 1 lb. **RK-315** Net **10.00**

## SUPERSCOPE

## SUPERSCOPE STEREO RECORDER



A complete stereo and monaural recording and playback system. Features a 4 track stereo playback head. 2 preamps and 2 4-watt amplifiers; 2 cathode follower preamp outputs also available. 2 speeds—7 1/2 ips and 3 1/2 ips. Response: 30-12,000 cps ± 2 db at 7 1/2 cps; 30-10,000 cps at 3 1/2 ips, NARTB equalization. Distortion, less than 2%. 3 db below rated output. Has individual volume and tone controls for each channel, plus a main volume control for both. Features 2-professional VU meters; instantaneous stop lever; automatic tape lifters; automatic head de-magnetizing circuit. Ideal for custom installation. 13 1/2" x 15 1/2" x 8 1/2". Shpg. wt., 35 lbs.

Model DK-555-A4. 4-track recorder as described.

**RK-326WX** 47.00 Down Net **470.00**

Model DK-555-A. Same as DK-555-A4, but with 2-channel in-line record/playback heads only. Shpg. wt., 33 lbs. **RK-325WX** 39.50 Down Net **395.00**

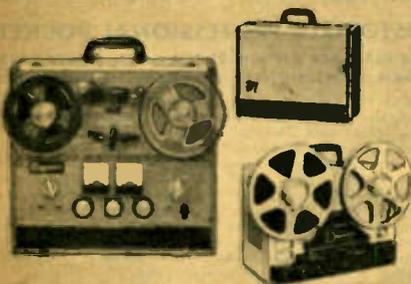
Model PSC-212. 2 JBL Signature 12" D-123 speakers in JBL designed enclosures. Combine to form matching case. Shpg. wt., 24 lbs. **RK-327WX** 18.90 Down Net **189.00**

Model PC-2. Carrying case for above recorders. Finished in rich leather and vinyl. Complete with mounted 4 x 6" monitor speaker. Shpg. wt., 6 lbs. **RK-328WX** 7.00 Down Net **70.00**

## MAGNECORD TAPE RECORDERS

### 101 STEREO RECORDER

### 728 PROFESSIONAL



MagneCord offers this professional quality stereo system in portable luggage-type cases. Records and plays back stacked (in-line) stereo and half-track monaural. Tape speeds of 3 1/2 and 7 1/2 ips on 5" and 7" RETMA reels. Frequency response: 40-15,000 cps ± 2 db (7 1/2 ips), 50-7,500 cps ± 2 db (3 1/2 ips). Signal-to-noise ratio down more than 48 db. Crosstalk better than 50 db down. Two high-impedance mics and two high-level auxiliary inputs. Wt., 72 lbs.

**RK-340WX** 45.00 Down Net **449.95**

Model 102. Same as 101, less case. Shpg. wt., 47 lbs. **RK-341WX** 42.00 Down Net **419.95**

Model 110. Speaker/amplifier in portable case. Shpg. wt., 38 lbs. **RK-342WX** 13.00 Down Net **129.95**

Newest portable professional stereo recorder. Records stereo, monaural, and sound-on sound. Two speeds: 7 1/2 ips and 15 ips or 3 1/2 ips and 7 1/2 ips. Frequency response: ± 2 db 30-18,000 cps (15 ips); 40-15,000 cps (7 1/2 ips); 50-8,000 cps (3 1/2 ips). Signal-to-noise ratio: Better than 50 db per channel. Crosstalk: Better than 55 db per channel. Take up to 10 1/2" reel size. Includes one erase head, one record/playback head. Inputs: 2 Hi impedance mics and 2 unbalanced bridges. In portable case. Size: 17 1/2 x 14 x 13-9/16. Shpg. wt., 50 lbs.

**RK-343WX** 80.90 Down Net **809.00**

MagneCord 728 1/2 track head. Shpg. wt., 10 ozs. **RK-344** 5.80 Down Net **58.00**

## FERROGRAPH STEREO TAPE RECORDER

• FULL STEREO AND MONAURAL RECORD/PLAYBACK • 3 MOTORS WITH HYSTERESIS SYNCHRONOUS DRIVE

**MODEL 88 STEREO RECORDER** A portable self-contained stereo tape recorder, built with typical British precision workmanship and top quality components throughout for life long trouble-free performance. Head assembly features a dual track stereo record/playback head, full track erase head. Hysteresis synchronous motor for capstan drive and 2 high torque heavy duty motors to handle fast rewind and forward. Precision VU level meter serves both tracks via a toggle switch. Dual professional quality recording amplifiers and replay preamps. Speeds 7 1/2-15 ips. Records and plays back stereophonically; plays back full track or half track monaural tapes; records full track monaurally. NARTB equalized. Response: 40-15,000 cps ± 2 db (15 ips); 50-10,000 cps ± 2 db (7 1/2 ips). Wow and flutter, below 0.2%. S/N-50 db. Other features: Automatic shut-off at the end of record and replay; 2 inputs per channel; 600 ohm balanced output; individual gain controls, per channel; Ferro-dexer. In handsome imitation pig-skin finished portable case. For 110-130v AC 60 cps. Size overall, 18 1/2 x 17 1/2 x 9 1/2". Shpg. wt., 54 lbs.

**RK-350WX** 61.50 Down Net **615.00**



# SELECTED PROFESSIONAL QUALITY TAPE RECORDERS

## TANDBERG 5-SERIES TAPE RECORDERS

Tandberg's answer to all you need in a tape recorder. The new Tandberg-5 for 4-track provides complete versatility, performance and economy. Has complete operational facilities for 4-track stereo and monaural recording and playback, plus playback of 2-track stereo, 1/2 track monaural and 1/4 track monaural tape. Features 4-track in-line precision laminar head with double mu-metal shielding. Selective erase head erases any of the four tracks. Built-in dual channel tape electronics provide complete facilities for stereo tape or disc reproduction.

Electronic switch stops tape with metallized leader automatically at end or beginning of reel. Tape program indicator designates location and length of recorded material. Minimum of controls assures freedom of servicing problems and simplified operating procedures. Includes a 5 1/2 x 8" hi-fi Goodman speaker for accurate monitoring. Frequency response (NARTB equalization): 30-20,000 cps (7 1/2 ips), 30-16,000 cps (3 3/4 ips), 30-8,000 cps (1 7/8 ips), Flutter and Wow: .1% (7 1/2 ips), .2% (3 3/4 ips), .25% (1 7/8 ips). Record and playback inputs: 2 microphones-1.5 mv; 2 radio-phonos-75 mv; 2 for stereo disc or broadcast amplification-15 mv. Playback outputs: .7 volts from cathode follower outputs, 3.5 watt speaker outputs (normal listening level). Power requirements: 110-125-145-200-220-245 v., 60 cycles, 75 watts.

Model 5-2. 3 speed, 4-track stereo and monaural recorder as described above. Includes slim-line mahogany cabinet. Second recording amplifier mounted in an auxiliary mini-cabinet. Complete with 2 TM-2 mikes, and transport luggage case. Size: 21 1/2" L., 17 1/4" H., 12" D. Shpg. wt., 46 lbs.

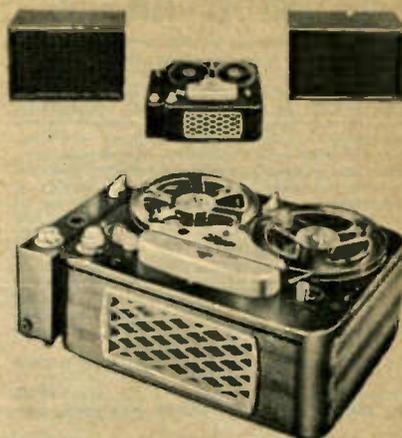
**RK-360WX** ..... 51.40 Down ..... Net 513.95  
**Model 5-3.** Same as 5-2, less luggage case. Same size as 5-2. Shpg. wt., 44 lbs.

**RK-361WX** ..... 49.30 Down ..... Net 492.95  
**Model 5-2-266.** Same as Model 5-2, plus 2 Model 266 Tandberg bookshelf speaker systems, for full range reproductions. Size of Model 266: 25" L, 17 1/4" H, 11 1/2" D. Total shpg. wt., 90 lbs.

**RK-362WX** ..... 63.90 ..... Net 638.95  
**Model 5.** 3 speed 4-track monaural recorder and stereo reproducer. Records 4 individual monaural tracks, plays back 1/2 track and 1/4 track monaural, 2-track stereo and 4-track stereo. 2 cathode follower outputs and 2 external speaker outputs. Complete with microphone, accessories, in mahogany cabinet. Size: 15 x 11 1/4 x 6 1/2". Shpg. wt., 40 lbs.

**RK-363WX** ..... 41.95 Down ..... Net 419.50  
**Model 5-1.** Same as Model 5, plus a hand-luggage case. Size: Same as 5. Shpg. wt., 44 lbs.

**RK-364WX** ..... 44.25 Down ..... Net 442.50



## WEBCOR STEREO TAPE DECK

- THREE SPEEDS ● STEREO PLAYBACK
- INTERNAL POWER AMPLIFIER
- MONAURAL RECORD

An economical unit containing built-in stereo playback preamps, and monaural record/playback preamp with power amplifier. For stacked stereo and dual track monaural. Tape deck features a heavy duty 4 pole induction motor giving less than .4% wow and flutter at 7 1/2 and 3 3/4 ips. Has numerical type tape counter, three speeds; 1 7/8, 3 3/4 and 7 1/2 ips, record interlock and edit key for instant start and stop. Dual knob control, simple "drown-in" threading of tape. Takes 3", 5", and 7" reels of tape. Rubber hubs hold tape reels firmly in place. Preamplifier circuitry also has many features: Uses a total of 7 tubes for extra versatile performance. "Aural balance" jack to accommodate stereo remote control unit permits simultaneously adjusting level of both channels for proper balance — FROM THE LISTENING POSITION!

Built-in 2 watt power amplifier. Frequency response 40-15,000 cps. at 7 1/2" per second, 50-10,000 at 3 3/4 ips, and normal voice range of 1 7/8" per second. Signal-to-

noise ratio 40 db. Special "Monitor" control permits listening to recordings as they are made. Has input for microphone or input connecting card, phone plug for external speaker, and phono plugs for 1.5 volt output from dual cathode followers. Magic eye recording level indicator. Controls include Master Volume, Channel 2 Volume, Tone, Monitor, Editing Key, Speed Change, Record Interlock, Record-Play, and Fast Forward—Fast Rewind. Size 8" high x 13" deep x 13 1/2" wide. For 110-120 volts, 60 cycle AC, power consumption 80 watts. Shpg. wt., 26 lbs.

**RK-370WX Model ED-2950-1** ..... 12.75 Down. Net 127.45

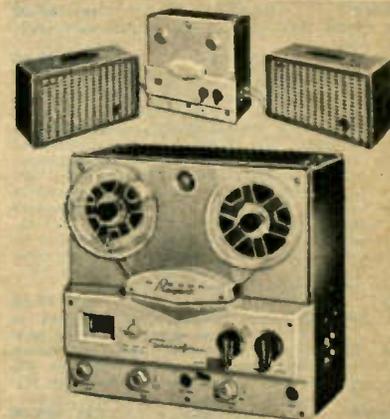
**STEREO MATE MODEL 4905 Stereophonic Sound System.** A compact portable sound system with 6 watt amplifier and 2 speakers. One 6" woofer-midrange, 4" tweeter and crossover network. Has Off-On-Volume control, pilot light. High and low level inputs. Size: 8 1/2 x 14 1/2 x 7 1/2". Shpg. wt., 9 lbs.

**Model EP-4905.** Above System in ebony finish.

**RK-371** ..... 5.00 Down ..... Net 27.50

**Model TP-4905.** Above system in brown finish.

**RK-372** ..... 5.00 Down ..... Net 27.50



## ROBERTS TAPE RECORDERS

**Model 90-C Stereo Recorder.** New stereo tape recorder featuring such professional facilities as calibrated VU meter, pause lever for ease in editing, hysteresis synchronous drive motor, 3-digit index counter, and simple, fail-free operation. Exclusive "Multi-Rise" erase head. Simple turn of knob permits full track erase for stereo recording or half track erase for monaural. The completely self-contained recorder incorporates amplifier, pre-amplifiers, microphone, and extended range speaker. Interlocking controls prevent erasure of recorded tapes. Instantaneous start and split second acceleration. Can be operated in vertical or horizontal position. Reel size 7" maximum. Frequency response: 40-15,000 cps (7 1/2 ips), 40-7500 cps (3 3/4 ips). Signal to noise ratio: 50 db below 0 level. Tape speed: 7 1/2" or 3 3/4" per sec. Wow and flutter: Less than .18% RMS. Inputs for low and high level sources. Outputs to auxiliary speaker or line. For 95-120 v., 60 cycles. Size: 15 1/2 x 14 1/2 x 9 1/4". Shpg. wt., 30 lbs.

**RK-381WX** ..... 34.95 Down ..... Net 349.50

**Model 90-C-4.** 4 track stereo version of the Model 90-C. Has both record and playback. Shpg. wt., 30 lbs.

**RK-380WX** ..... 35.95 Down ..... Net 359.50

**Model 90-52-78.** 4 track stereo record/play head for

any Roberts stereo recorder. Shpg. wt., 1/2 lb.

**RK-382** ..... 5.60 Down ..... Net 56.00

**Model A-901 Recording Amplifier.** Provides all recording facilities and second channel playback amplifier with extended range speaker. Frequency response: ±2 db 40-15,000 cps. Complete stereo system with Model 90-C. Size: 15 1/2 x 14 1/2 x 9 1/4". Shpg. wt., 23 lbs.

**RK-383WX** ..... 14.95 Down ..... Net 149.50

**Model 190-D Stereo Tape Deck.** Same deck as used in Model 90-C. Size: 7 1/2 x 14 1/2 x 10". Shpg. wt., 16 lbs.

**RK-384WX** ..... 18.95 Down ..... Net 189.50

**Model A-903 Record/Play Preamp-Amplifiers.** Similar to record/play amplifier used in the Roberts Recorders. Two A-903's and one 190D deck gives you a complete stereo record/play package. Size: 4 x 14 1/2 x 9 1/4". Shpg. wt., 15 lbs.

**RK-385WX** ..... 11.95 Down ..... Net 119.50

**Combination Special.** One Model 190-D and two A-903. Shpg. wt., 48 lbs.

**RK-387WX** ..... 40.00 Down ..... Net 399.95

**Model 191 Full Track Recorder.** Professional full track monaural recorder with full track erase head. Other specs same as Model 90-C. Size: 15 1/2 x 14 1/2 x 9 1/4". Shpg. wt., 30 lbs.

**RK-386WX** ..... 32.50 Down ..... Net 325.00



## NORELCO STEREO TAPE RECORDER

The Norelco 'Continental' stereo tape recorder, developed and guild-crafted by Philips of the Netherlands, reflects professional qualities at a truly modest price. 3 tape speeds: 7 1/2, 3 3/4 and 1 7/8 ips. Dual tracks with stacked heads. Features magic eye volume indicator, piano-key pushbutton control, automatic stop at ends of reel, built-in adjustable program indicator, and integrated, heavy magnet, wide range loudspeaker. Frequency response: 50 to 16,000 cps (7 1/2 ips), 60 to 10,000 cps (3 3/4 ips), 60 to 5,000 cps (1 7/8 ips). Wow and flutter: 0.15% (7 1/2 ips), 0.2% (3 3/4 ips), 0.35% (1 7/8 ips). Inputs: (1) radio/phone; (1) microphone (with mixing

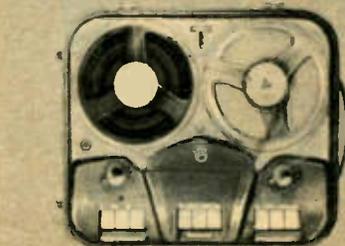
facilities). Outputs: (1) for external speaker; (2) for external amplifiers with controls; (1) for external amplifier without controls (1) for headphone monitoring. Includes a high impedance dynamic microphone. For 117 volts, 60 cycles.

**Model EL3516/G53.** Above unit in rugged, portable case. Size: 15 1/2 x 13 x 8". Shpg. wt., 36 lbs.

**RK-395WX** ..... 29.95 Down ..... Net 299.50

**PL-3516.** Matching companion piece consisting of a second amplifier and speaker. Size: 15 1/2 x 13 x 8". Shpg. wt., 25 lbs.

**RK-396WX** ..... 9.50 Down ..... Net 95.00



# STEREOPHONIC & MONOPHONIC TAPE COMPONENTS

## VIKING SERIES "85" TAPE DECKS

Finest Viking deck designed for the home music system. Two motors (separate motor for takeup, fast forward, and footage counter drive). Front panel speed change, 3/4 and 7/8 ips. Dual rotary tape motion controls; forward, stop and edit functions on inner knob; outer ring controls, fast forward and rewind. Mechanical interlock insures against spilling or breaking tape. Equipped with long-wearing, laminated heads, tape lifters, non-resonant pressure pads, and automatic tape run-out switch. Universal head mounting bracket permits changing or adding to head complement. Head bracket shift permits use of quarter-track heads for playing both half-track and quarter track tapes. Flutter-filter capstan drive achieves less than 0.2% flutter at 7 1/2 ips. Frequency Response  $\pm 3$  db. 30 to 14,000 cps. Signal-to-noise better than 55 db. Distortion less than 1%. May be operated vertically or horizontally. Finished in anodized aluminum. Supplied with spare reel, temporary mounting brackets and large molded reel retainer. Dimensions: 9 1/2" x 13"; 5" depth. Shpg. wt., 12 1/2 lbs. 110 Volts, 60 cycles.

- MODEL 85R**—Records, erases, and plays back 1/2 track monaural. **NET 119.00**
- MODEL 85RQ**—Same as 85R plus 1/4 track stereo playback. **NET 147.50**
- MODEL 85E5**—Records, erases and plays back 1/2 track stereo and monaural. **NET 147.00**
- MODEL 85ESQ**—Same as 85E5, plus 1/4 track stereo playback facilities. **NET 172.00**
- MODEL RP62C**—Record/Playback Preamp—Provides top recording and playback performance when used with Viking "85" Series decks. Use one RP62C with monaural models 85R and 85RQ. Use two RP62Cs with stereo models 85E5 and 85ESQ. Bias oscillators may be synchronized for stereo recording. Erase current and bias are adjustable, permitting peaking of performance when used with "75" Series decks as well as "85". NAB type equalization fixed in recording, variable in playback. Bias frequency 68 kc. Frequency response 30 to 14,000 cycles  $\pm 3$  db. Signal-to-noise ratio 55 db. Distortion less than 1% at indicated normal recording level. Anodized aluminum panel matches "85" deck. Dimensions: 12 1/2" x 2 1/4" x 6 1/4". 110 Volts 50-60 cycles AC. Shpg. wt., 7 1/2 lbs. **NET 77.50**
- MODEL RP62VU** Record/Playback Preamp.—Same as RP62C, but with 4 1/2" VU meter record and output level indicator. Supplied with standard 19" relay rack mounting panel only. 600 ohms audio output impedance. Adjustable erase and bias controls. Matches between a Viking "85" Series and "95" Series transports. **NET 119.00**

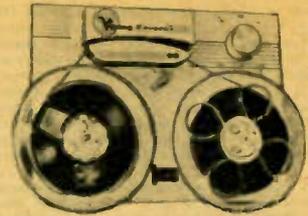
## VIKING SERIES "95" TAPE DECKS

Rugged, heavy-duty transport designed for commercial broadcast and critical recording applications. Triple belt drive from hysteretic synchronous motor for extremely low flutter and wow. Induction rewind and takeup motors. Accepts 10 1/2" reels and smaller ones without adapters. Controls: Reel Size Tension Selectors; Speed Selector; Play-Cue; Fast-Forward and Rewind. Photo electric tape run-out switch-off. Solenoid operated brake. Connectors provided for remote control. For recording use with RP-62VU or equivalent record/playback preamplifier. Flutter and wow less than 0.1% at 15 ips; less than 0.15% at 7 1/2 ips; less than 0.25% at 3 1/4 ips (rms values). Signal to noise ratio 55 db. Frequency response: 30 to 14,000 cps at 7 1/2 ips. Tape speeds 7 1/2 and 15 ips, or 7 1/2 and 3 1/4 ips. Rewind and fast forward time: 70 seconds for 2400 ft., 10 1/2" reel. Requires mounting space of 19" x 12 1/2". With 10 1/2" reels, a clearance of 22 1/2" x 15". For 110 Volts 60 cycles. Shpg. wt., 50 lbs.

- MODEL 95TR** Full track monaural erase and record. **NET 51.65**
- MODEL 95R** Records, erases and plays back 1/2 track monaural. **NET 487.65**
- MODEL 95ES** Records, erases and plays back 1/2 track stereo and monaural. **NET 513.25**
- MODEL 95ESQ** Same as 95ES, plus 1/4 track stereo playback facilities. **NET 546.50**

## VIKING ACCESSORIES

- MODEL W35X FURNITURE CABINET**—Designed for table or shelf mounting "85" or "75" Series decks with RP62C record/playback preamplifier. Choice of walnut or fruitwood. Shpg. wt., 15 1/2 lbs. **NET 37.50**
- MODEL W45X FURNITURE CABINET** For the "85" or "75" Series decks. Accepts two vertically mounted RP62C or RP61 record/playback preamplifier at sides. Walnut finish only. Shpg. wt., 15 1/2 lbs. **NET 39.50**
- MODEL D396 CASE**—Portable case for 85 deck and 1 RP 62. Size 14 1/2" H x 16" W x 10" D. Shipping wt., 12 1/2 lbs. **NET 24.50**
- MODEL D397 CASE**—Same as D396 but accepts 2 RP 62. Size 17 1/2" H x 16" W x 10" D. Shipping wt., 14 lbs. **NET 34.00**
- MODEL 400**—Metal furniture type base for 85 decks. In tan or black. Shpg. wt., 6 1/2 lbs. **NET 14.00**
- MODEL 401**—Amplifier enclosure matches model 400. Accepts one RP 62. In tan or black. Shpg. wt., 4 1/2 lbs. **NET 7.50**

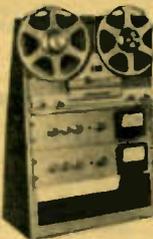


SERIES "85"

RP62C

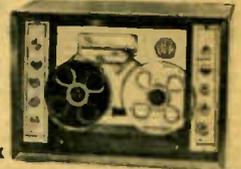


W35X



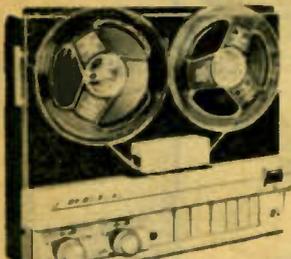
SERIES "95"

W45X



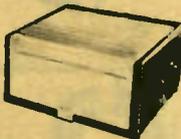
RP62VU

Bell.....



Bell Tape Transport  
Shown with Preamp Installed

BELL  
MODEL 200CC  
CARRYING CASE



BELL  
PREAMP



## BELL TAPE TRANSPORT MECHANISMS

Professional quality mechanisms—employ 3 heavy-duty, 4-pole, 4-coil motors • No belts, clutches, pulleys or mechanical brakes • Positive electrodynamic braking without tape strain or breakage • Rewind and forward averages 30 ft. per sec. • Flutter and wow 0.2% at 7 1/2 ips; 0.25% at 3 1/4 ips. • Piano keyboard controls for: 7 1/2 ips; 3 1/4 ips; Play; Rewind; Fast Forward; Stop • Tape lifter removes tape from heads during stop and high speeds • Takes reels up to 7" diameter • Tape counter • Signal to noise ratio better than 50 db at peak record signal. Will mount either the Bell P-100 or RP120 preamplifier as an integral part • Styled in Charcoal Gray with Satin Aluminum and embossed anodized gold trim. • Plays in any position • Power consumption 50 Watts for 117 volts 60 cycles AC • Size 15-5/16" W x 13 1/2" D x 4 1/4" below mounting surface and 2 1/4" above. Shpg. wt., 23 lbs.

- MODEL T-210** Monaural erase/record playback. **NET 114.95**
- MODEL T-211** Monaural and 1/2 track stereo playback. **NET 124.95**
- MODEL T-212** Monaural erase/record-playback, 1/2 track stereo playback. **NET 134.95**
- MODEL T-213** Monaural and 1/2 track stereo erase/record playback. **NET 154.95**
- MODEL T-221** 1/2 track and 1/4 track stereo playback. **NET 144.95**
- MODEL T-223** 1/2 track stereo erase/record playback, 1/4 track stereo playback. **NET 169.95**
- MODEL T-238** PROFESSIONAL SYSTEM Monaural and 1/2 track stereo erase/record playback; 1/4 track stereo playback with 2-RP-220 record playback preamplifiers in 200CC carrying case. Shpg. wt., 56 lbs. **NET 339.95**

## BELL PREAMPLIFIERS

Made to mount as an integral part of Bell Tape transports. Plastic dial plate furnished that mounts on transport control panel. DC on tube filaments for minimum hum. Feedback-type low frequency equalizer for minimum distortion, noise and microphonism. Use 1-Model RP-120 for the T-210; use 2-Model P-100's with the T-211 and T-221 for stereo playback; use 1-Model P-100 and 1-Model RP120 with the T-212 for monaural record and monaural or stereo playback; use 2-Model RP120 with the T-213 and T-223 for monaural or stereo record/playback. **MODEL RP-120 RECORD/PLAYBACK PREAMPLIFIER**—When used with Bell tape transports. Response: Playback-Standard NARTB 20-15,000 cps  $\pm 1$  db. Record-Playback (using Bell Tape Transport) 25-12,000 cps  $\pm 2$  db. Noise Level: 2 mv—gain minimum—5 mv gain maximum. Playback distortion: 0.1% at 4 v output. Record Distortion: 0.1% for maximum recording level. Controls: Gain, Record/Playback Switch, Indicator Lights: White on pilot relay red pilot of "Record"; magic eye recording level indicator. Output: Cathode Follower. Tubes: 2-ECC83/12AX7; 1-ECC82/12AU7; 1-EZ80; 1-DM70; 1-Selenium Rectifier for DC heater supply. Power Consumption: 60 watts, 117 volts, 60 cps. AC. Size: 2 1/2" w x 12 1/2", 1 1/4" above mounting surface, 5/8" below. Shpg. wt., 10 lbs. **NET 59.95**

- MODEL P-100 PLAYBACK PREAMPLIFIER** Characteristics when used with Bell tape transports. Response: 20-15,000 cps  $\pm 1$  db. Noise level: 0.5 mv gain min.; 2 mv gain max. Distortion: 0.1% at 1,000 cps at 1 volt output. Output: Cathode Follower. Controls: 1-Volume Tubes: ECC83/12AX7; 1-ECC82/12AU7; 1-Selenium Rectifier for DC heater supply. Power Consumption: 15 watts at 117 volts, 60 cps. Size: 2 1/2" W x 12 1/2" L x 5/8" below and 1-4/8" above. Shpg. wt., 6 lbs. **NET 39.95**
- BELL MODEL 200CC CARRYING CASE**—For Bell type transport mechanism plus 1 or 2 preamps. Handsome 2-tone styling. Shpg. wt., 14 lbs. **NET 26.95**
- BELL MODEL 45A1 SLIM-LINE MICROPHONE**—High quality crystal microphone with 30-15,000 cps response. **NET 17.90**

# LAFAYETTE PORTABLE STEREO & MONAURAL PHONOGRAPHS

## MANUAL PHONOGRAPHS

### 3 Speed Manual

(FIG. A) Plays up to 12" monaural records at 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 an off switch. Fine quality Alnico 5 PM speaker. Attractive leatherette covered case. For 117 volts, 60 cycles. Size 12" x 10 1/2" x 5 1/2". Shpg. wt., 9 lbs.

PH-129W ..... Net 13.95

### 4 Speed Manual

(FIG. B) With this portable phonograph you can play any record up to 12" size at 33-1/3, 45 or 78 rpm, or at the new "Talking Book" speed of 16-2/3 rpm. A single lever selects any speed. The lightweight pickup arm is equipped with a turnover cartridge with dual sapphire styli. Has both tone control and volume control with an off switch. Has jack for adding extension speaker. Fine quality Alnico 5 pm speaker. Attractive 2-tone leatherette covered case. For 117 volts, 60 cps AC. Dimensions 14 1/2" x 10 1/4" x 5 1/4". Shpg. wt. 10 lbs.

PH-130W ..... Net 18.25

18.25



(FIG. A)

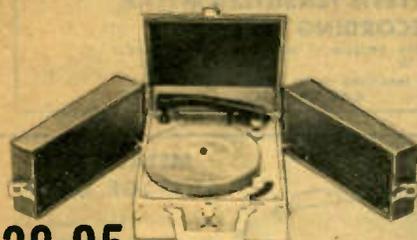


(FIG. B)

13.95

## LAFAYETTE STEREO PHONOGRAPH

- Compatible—Plays Both Stereo and Monaural
- 2 Detachable Speakers



29.95

New, low cost manual portable stereophonic phonograph enables anyone to enjoy the thrilling sound from new stereo records. Two separate speaker systems can be detached from the main unit. Two 8 ft. cables are provided to connect speakers to the built-in amplifiers. Separate volume controls for each channel allow the user to adjust channel balance according to his listening environment. Wide-range speakers assure fine sound reproduction. Has 4 speeds—16-2/3, 33-1/3, 45 and 78 RPM. Lightweight tone arm is fitted with crystal turnover cartridge. Tubes: 2-50C5, 1-12AX7 plus rectifier. Has easy-grip handle on strikingly attractive two-tone bronze bark and ivory case. Size 16" x 12" x 5 1/2". Shpg. wt., 12 lbs.

PH-132W ..... 5.00 Down ..... Net 29.95

## LAFAYETTE AUTOMATIC STEREO PHONOGRAPH

- Compatible—Plays Both Stereo and Monaural Records
- Detachable Lid With 2nd Speaker



49.50

New, attractively styled automatic stereophonic phonograph featuring the latest Monarch 4-speed automatic intermix record changer. Complete with stereo crystal turnover cartridge with dual sapphire styli. Plays both stereo and monaural records. Among many features are automatic record intermix mechanism, automatic motor shut-off at the end of last record, automatic arm return, free-floating motorboard eliminating acoustic feedback. Careful design assures long life and freedom from trouble. Takes all record sizes, and plays all 4 speeds: 16-2/3, 33-1/3, 45 and 78 RPM. Controls include separate volume controls for each channel and dual channel tone control. Built-in Alnico 5 PM speaker provide clean, balanced sound. Second Alnico 5 PM speaker is housed in the removable phonograph cover. 8 ft. cable supplied, permits placement of second speaker for optimum stereo effect. Two tone bronze bark and ivory cabinet. Tubes 2-50C5, 1-12AX7, plus rectifier. Size 16 1/2" x 13 1/2" x 8 3/4". Shpg. wt., 25 lbs.

PH-133WX ..... 5.00 Down ..... Net 49.50

## LAFAYETTE DELUXE AUTOMATIC STEREO PHONOGRAPH

- Plays Both Stereo and Monaural Records
- 4 Speed Collaro Changer



64.95

New Lafayette deluxe automatic stereophonic phonograph features the famous 4 speed Collaro changer. Plays all speeds: 16-2/3, 33-1/3, 45 and 78 RPM. Plays all sizes: 7", 10" and 12" records. Has such features as transcription type tone arm, 4-pole motor, automatic shut-off after last record, etc. Supplied with turnover cartridge. Separate volume controls adjust optimum balance for perfect stereo realism. Bass/Treble control permits tonal adjustment of both channels. Two completely matched speaker systems can be detached from the sides and placed apart for individual stereo requirement. 8 ft. cables from each system plug into convenient jacks on 2 sides of the main unit. Speaker system consists of one 6" Alnico 5 PM woofer and a 4" Alnico 5 PM tweeter housed in acoustically matched enclosure. Tubes: 2-50C5, 1-12AX7, plus rectifier. Attractive Charcoal whipcord leatherette case. Size: 22 1/4" x 13" x 9". Shpg. wt., 32 lbs.

PH-134WX ..... 6.50 Down ..... Net 64.95

## LAFAYETTE HIGH-FIDELITY "STAR"



37.50

- GE Reluctance Triple Play Cartridge With 2 Sapphire • For All Monaural Records
- Dual Speakers: 6" Wide Range and 4" Tweeter

The famous Lafayette "Star" now incorporates an extended-range speaker system with 50 to 15,000 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 spindle for 45 rpm records. Separate bass and treble tone controls and volume control. The 2 speakers produce a real feeling of "presence". Size 18 1/4" x 12 1/4" x 7 1/2". Covered in your choice of charcoal bark or luggage ton leatherette. For 117 volts, 60 cps AC. Shpg. wt., 13 lbs.

PH-62W ..... 5.00 Down ..... Net 37.50

## LAFAYETTE AUTOMATIC MONAURAL PORTABLE PHONOGRAPH



35.75

- Plays 4 Standard Record Speeds
- Complete With Crystal Turnover Cartridge

New attractively styled automatic monaural portable phonograph featuring 4 speed, 16-2/3, 33-1/3, 45, 78 RPM. Consists of the latest famous British-made Monarch automatic record changer. Uses heavy-duty 4-pole induction type motor for constant speed and minimum "wows". Automatically plays all speeds, and takes all record sizes—7", 10", 12" intermixed in any order. Arm automatically returns to the rest position and motor shuts off after last record. Lightweight pickup arm has high output crystal turnover cartridge with sapphire styli. Controls: Tone, OR-ON Volume. Durable and attractive cabinet with choice of 2 leatherette two-tone coverings: a) blue fibre and gold, or b) charcoal fibre and ivory. For 110-125 volts, 60 cycles, A.C. Size: 15 1/2" x 12 1/2" x 7". Shpg. wt., 18 lbs.

PH-131W ..... 5.00 Down ..... Net 35.75

LAFAYETTE PHONOGRAPHS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

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# LAFAYETTE RECORDING TAPES AND ACCESSORIES



**ALL LAFAYETTE TAPES SOLD ON MONEY-BACK GUARANTEE  
GUARANTEED FIRST QUALITY SPLICE-FREE**

**You Be The Judge!**

## NEW! MYLAR BASE RECORDING TAPE

Lafayette's huge purchasing power makes it possible to provide you with first-quality tape at about half the price you would pay for the same tape with the manufacturer's own labels. **WE GUARANTEE ABSOLUTE SATISFACTION OR YOUR MONEY BACK.** These splice-free mylar base recording tapes are quality manufactured to assure uniformity of frequency response and complete absence of drop-outs. In addition, they are extremely durable and break-resistant and are capable of withstanding temperature and humidity changes. The wide frequency response characteristics combined with low noise level and long playing time opens new horizons of recording possibilities for the high fidelity enthusiasts as well as professional sound engineers. Av. Shpg. wt., 12 oz.

RT-12 1800 ft. on 1 mil Mylar base, 7" reel diameter. **2.50**  
Lots of 5, Ea. **2.25** Singly, Ea.

RT-13 2400 ft. on 1/2 mil Mylar base, 7" reel diameter. **3.69**  
Lots of 5, Ea. **3.39** Singly, Ea.

## ACETATE BASE RECORDING TAPE

These popular high quality tapes are coated uniformly with red oxide on plastic base with high output and uniform frequency response covering the entire audio spectrum, 40-15,000 cps, completely splice-free. Another Lafayette outstanding value for all hi-fi recordists, backed up by our Money Back Guarantee. Using 7 1/2 cps dual track, 1200 ft. reel provides 1 hr. of recording time while 1800 ft. reel provides 1 1/2 hr. of recording time. Avg. Shpg. wt., 14 oz.

RT-10 1200 ft. on 1 1/2 mil acetate base, 7" reel. **1.59**  
Lots of 5, Ea. **1.49** Singly, Ea.

RT-11 1800 ft. on 1 mil acetate base, 7" reel. **1.98**  
Lots of 5, Ea. **1.88** Singly, Ea.

## NEW! LAFAYETTE TENSILIZED MYLAR RECORDING TAPE

Strong and durable because it has been pre-stretched. Shipping weight 1 lb.

RT-16, 2400' on tensilized mylar base. **4.95**  
Lots of 5, Ea. **4.45** Singly, Ea.

## EMPTY PLASTIC REELS



Individually boxed plastic reels for recording tape. Avg. Shpg. wt., 4 oz. singly.

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. **.43**

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**

## 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.

## METAL TAPE STORAGE CHEST



**STANDARD CASE:** Sturdy all steel carrying case. Holds 12 7" or 5" reels and cans. Twin snap locks for positive closure; perfect portability. Guards against exposure and accidental erase. Platinum gray hammerloid finish. Metal separators between reels. Includes index cards. Shpg. wt., 5 lbs. **Net 2.99**

# NEW! Lafayette BULK TAPE ERASER AND DEMAGNETIZER

## PROFESSIONAL MODEL

- 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

**18.95**

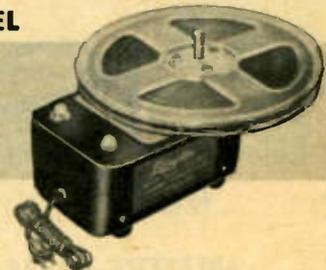


A carefully designed and precisely manufactured professional tape "degusser" for complete erasing of tapes. Just place the tape reel on spindle of demagnetizer, slowly rotate 2 or 3 turns, take off, and that's all. Reduce tape hiss to the level of new "virgin" tape. Two completely separate coils are 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 1/4" x 7 7/8" x 3 1/2". Shpg. wt., 14 lbs. **ML-120—Regularly 49.95 Net 18.95**

## STANDARD MODEL

- Top Value
- Reduces Noise Level
- Takes Reels Up To 10 1/2"

**12.50**



A bulk tape demagnetizer that erases existing recorded signals and noise from magnetic tapes quickly and efficiently. Also capable of demagnetizing metal parts and work tools. Ideal for the recording enthusiast desiring clean, noise-free tapes. Simply rotate reel of tape several turns over unit, turn over and repeat once. Has two spindle positions; inner position for tape reel sizes up to 7" in diameter, and the outer one for 10 1/2" reels. Push button energizes the coil, and a pilot light installed on top of the unit indicates unit in operation. Non-magnetic bakelite plate for tape reel rest. One powerful coil is used for effective erasure of all quarter-inch tapes. Current consumption—5 amps. Heavy duty, rugged gouge metal case. Attractive finish. For 105-125 volts, 60 cycles. Size 7 1/2" x 4 3/4" x 3 1/2". Shpg. wt., 9 lbs. **ML-176 Net 12.50**

## LAFAYETTE TAPE HEAD DEMAGNETIZER

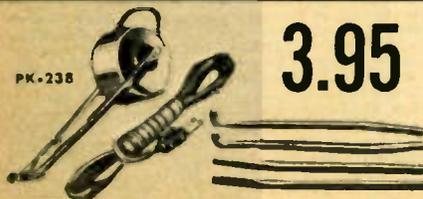
- REMOVABLE POLEPIECES
- EXTRA CONVENIENT

Lafayette Tape Head Demagnetizer uses removable polepieces. Three complete sets are furnished: straight, 45°, and 90° (right angle), permitting quick and easy use with any tape head. Far from being a luxury, a tape head demagnetizer is necessary for best tape recorder performance. Although unmagnetized when new, tape heads gradually become magnetized by sharp switching pulses occurring while switching the recorder from play to record or vice versa. The solution is to use a demagnetizer to re-

move this permanent magnetism from the head, thus reducing the noise level. Periodic head demagnetization is required for all tape recorders to insure optimum signal-to-noise ratio. Now Lafayette enables anyone with even the most modest budget to perform this necessary demagnetization with a minimum of effort. For 110 volts 60 cycles. Shpg. wt., 1 lb. **PK-238—Tape Head Demagnetizer 3.95**

PK-238

**3.95**



# HIGH FIDELITY RECORDING TAPES



## SCOTCH MINNESOTA MINING MAGNETIC TAPE

**TYPE 111 STANDARD TAPE** — Plastic type coated with red oxide. Popularly used for high fidelity all purpose recordings. On plastic reels except \*10 1/2" NARTB reel. # 14" NARTB reel, †NARTB hub. Av. shpg. wt., 8 oz. ea.

Type No.	Reel Size	Length Feet	List Price	1 to 11	12 or More
111A-15	3"	150	.70	.46	.41
111A-3	4"	300	1.35	.88	.79
111A-6	5"	600	2.35	1.47	1.31
111A-12	7"	1200	3.50	2.29	2.05
111A-24H	Hub	2400	8.50	5.56	4.99
111A-24R*	10 1/2"	2400	10.90	7.12	6.41
111A-48H	Hub	4800	17.00	11.10	9.99
111A-48R	14"	4800	22.10	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.

Type No.	Reel	Length Ft.	List Price	1-11	12 or more
190A-9	5"	900	3.50	2.29	2.05
190A-18	7"	1800	5.50	3.60	3.23
190A-36R	10 1/2"	3600	112.85	8.40	7.56

**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.

Type No.	Reel	Length Ft.	List Price	1-11	12 or more
150-9	5"	900	3.60	2.35	2.12
150-18	7"	1800	6.20	4.05	3.65
150-36R*	10 1/2"	3600	14.40	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 7" plastic reel except \*NARTB reel and †NARTB hub. Av. shpg. wt., 14 oz.

Type No.	Reel	Length	List Price	1-11	12 or More
120-6	5"	600'	3.50	2.29	2.06
120-12	7"	1200'	5.50	3.60	2.23
120-24H†	Hub	2400	10.00	6.54	5.88
120-24R*	10 1/2"	2400'	12.85	8.40	7.56

## AUDIO DEVICES

### EMPTY C-SLOT REEL

Empty reel with C-slot for easy, fast movement tape threading. Grips tape tightly on starting and automatically releases it on rewinding. Each reel individually boxed. Av. Shpg. wt., 5 oz.

**STANDARD REELS** All plastic reels except \* metal reel and † fiberglass (EIA) reel.

Type No.	Size	List	Single	Lots of 10
3PB	3"	.25	.17	.15
4PB	4"	.45	.29	.26
5PB	5"	.60	.39	.35
7PB	7"	.75	.49	.44
10RB*	10 1/2"	4.00	2.62	2.35
10FS†	10 1/2"	4.00	2.62	2.35

**COLORLED 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.

<b>TYPE 5PB</b> 5 inch reel	Net Ea. 39c
In lots of 10, Ea. 35c	
<b>TYPE 7PB</b> 7 inch reel	Net Ea. 49c
In lots of 10, Ea. 44c	



## audiotape FEATURING NEW C-SLOT THREADING

**STANDARD TAPE** — 1 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.

Type No.	Reel	Length	List Price	1-9	10 or More
151	3"	150'	.70	.46	.41
351	4"	300'	1.35	.88	.79
651	5"	600'	2.25	1.47	1.32
1251	7"	1200'	3.50	2.29	2.06
2551R*	10 1/2"	2500'	10.90	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.

Type No.	Reel	Length	List Price	1-9	10 or More
941	5"	900'	3.50	2.29	2.06
1841	7"	1800'	5.50	3.60	3.23
3641R*	10 1/2"	3600'	12.85	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 oz.

Type No.	Reel	Length	List Price	1-9	10 or More
261T	3"	225'	1.00	.66	.59
961	5"	900'	3.75	2.45	2.20
1861	7"	1800'	6.50	4.24	3.82
3661R*	10 1/2"	3600'	15.00	9.80	8.82

**COLORLED BASE TAPE** — 1 1/2 mil acetate base. Colored for easy identification of recorded passages. On plastic reels. Shpg. wt., 8 oz.

Type No.	Color	Reel	Length	List Price	1-9	10 or More
651G	Green	5"	600'	2.25	1.47	1.32
1251G	Green	7"	1200'	3.50	2.29	2.06
651B	Blue	5"	600'	2.25	1.47	1.32
1251B	Blue	7"	1200'	3.50	2.29	2.06

## SCOTCH

**TYPE 200 DOUBLE PLAY** — Tensitized Mylar 0.75 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 7" plastic reel except \*NARTB reel. Av. shpg. wt., 12 oz.

Type No.	Reel	Length	List Price	1-11	12 or More
200-24	7"	2400'	8.75	5.71	5.15
200-48R*	10 1/2"	4800'	20.50	13.40	12.05

(A)



(K1)

(K2)



(K3)



## LEADER AND TIMING TAPES

**AUDIO DEVICES SELF-TIMING LEADER TAPE (A)** Strong, white "Mylar" tape with spaced markings for accurate timing of leader intervals. 100 ft., 1/4" wide. Individually boxed. Shpg. wt., 5 oz.

**AUDIO NO. 3L** Lots of 10, Ea., 32c—Singly, Ea. 36c

**SCOTCH LEADER TIMER TAPE** Has 1 second interval markings for 3 1/2", 7 1/2" and 15" per second speeds. 150 ft. 1/4" wide roll. Individually boxed. 5 oz.

**SCOTCH 43 P1.5** Lots of 12, Ea. 51c—Singly, Ea. 57c

## AUDIO DEVICES MAILING BOXES

Strong, reversible corrugated containers. Av. Shpg. wt., 3 oz.

AUDIO NO.	Description	1-9	10
5M	For 5" Reels	.10	.09
7M	For 7" Reels	.13	.12
10M	For 10 1/2" Reels	.20	.18

NEW!



## 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 oz.

Manufacturer	Type	Length	1-11	12 or More
RCA	264C1	560	2.94	2.65
Scotch	8000	560'	3.50	3.15



## MAGNETIC SOUND TAPES

**ACETATE-BASE TAPES** — New acetate base magnetic recording tapes on "Load-Easy" reels for fast tape threading. Full frequency range response, high output and low noise. 1.5 mil thickness tapes for professional grade recording purpose. 1 mil tapes provide long playing time. Av. shpg. wt., 10 oz.

Type	Reel	Length	Thickness (Mils)	List Price	1-11	12 up
262C1	3"	150'	1.5	0.85	.56	.50
250C1	5"	900'	1.0	3.50	2.29	2.06
284C1	5"	600'	1.5	2.25	1.47	1.32
285C1	7"	1800'	1.0	5.50	3.60	3.23
256C1	7"	1200'	1.5	3.50	2.29	2.06

**MYLAR BASE TAPES** — New mylar base tapes, on "Load-Easy" reels for fast tape threading. Full frequency range response, low noise, high strength and extreme durability. 1.5 mil thickness tapes for professional grade recordings; 1 mil tapes provide long playing time; 0.75 mil tapes are characterized by high tensile strength and 100% more playing time than 1.5 mil tapes; 0.5 mil tapes for extra long-play. Av. shpg. wt., 10 oz.

Type	Reel	Length	Thickness (Mils)	List Price	1-11	12 up
263C1	3"	225'	1.0	1.05	.69	.61
252C1	5"	1200'	0.5	5.00	3.26	2.97
253C1	5"	900'	1.0	3.75	2.45	2.20
254C1	5"	600'	1.5	4.25	2.77	2.51
260C1*	5"	1200'	0.75	6.50	4.26	3.82
257C1	7"	2400'	0.5	9.25	6.05	5.39
258C1	7"	1800'	1.0	6.50	4.06	3.82
259C1	7"	1200'	1.5	7.00	4.53	4.12
261C1*	7"	2400'	0.75	11.95	7.82	7.04

\*Tensitized Mylar tapes.

## SCOTCH SPLICING TAPE (K3)

Pressure-sensitive tape made especially for splicing and editing magnetic tape. Av. Shpg. wt., 3 oz.

**SCOTCH 41-1/2 5 1/2" x 50"** On dispenser. Lots of 12, Ea. 31c Singly, Ea. 34c

**SCOTCH 41-7/32 L 7/32" x 66"** Less dispenser. Lots of 12, Ea. 46c Singly, Ea. 51c

## "TAPE EDITING AND SPLICING" (K1)

A book covering every aspect of splicing technique and editing procedure. For the professional and the amateur tape recorder. Fully illustrated.

BK-21 Postpaid in U.S.A. Net 25c

## AUDIO DEVICES HEAD ALIGNING TAPE (K2)

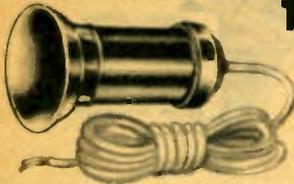
Pre-recorded at 2,000, 10,000 and 15,000 cps (15"/sec) for precise head alignment. Base material 1 1/2 mil Mylar. With instructions. Shpg. wt., 4 oz.

**AUDIO NO. 200** Net 5.88

LAFAYETTE SHIPS IMMEDIATELY FROM COMPLETE STOCKS

# ACCESSORIES FOR TAPE

## NEW TELEPHONE PICKUP COIL



1.89

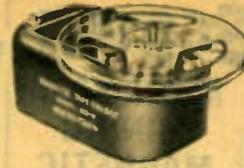
This telephone pick-up coil is designed to feed into the microphone input of either a tape recorder or any high gain amplifier. The pick up can be easily attached to the telephone by the use of a rubber suction type attachment. The coil is electrostatically shielded to minimize hum pick-up. When properly 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 ..... Net 1.89

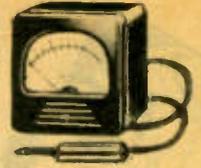
5.88

## AUDIO TAPE TYPE 400 HEAD DEMAGNETIZER

Will remove all permanent magnetism from recording head. Operates on 110V, 60 cy. A.C. Shpg. wt., 1 lb. AUDIO 400 Demagnetizer ..... Net 5.88



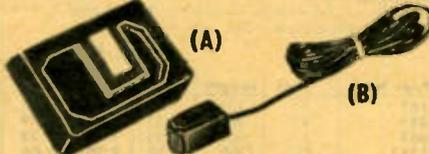
(A)



(B)

## (A) MICROTRAN BULK TAPE ERASER

A very handy aid to stereo recording where equipment does not supply two erase heads or where bulk erase is preferred. Develops high A.C. magnetic field that erases without requiring tape rewind. Takes up to 10 1/2" reels. Draws 5 amps at 117 V, A.C. Size 3 x 5 x 8". Shpg. wt., 8 1/2 lbs. ML-106 ..... 5.00 Down ..... Net 22.91



(A)

(B)

## (A) ELECTRO SCRIBER 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

## (B) INDUCTION TELEPHONE PICKUP

Newly designed telephone pickup that attaches to earpiece of telephone by a suction cup. Picks up both sides of conversation and may be used on any type telephone. No electrical connection to telephone needed. Just connect directly to any recorder. This method of pickup gives high output and exceptional fidelity. Complete with 6 ft. cord and instructions. Shpg. wt., 1 lb. MS-328 ..... Net 7.35

## 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



1.95

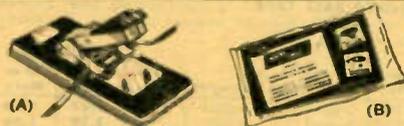
## (B) TRIPLETT VU METER

Visually indicates recording level of complex wave forms such as speech and music—the kind of recording indicator used professionally. Bakelite case 3 x 3 x 1 1/2"; with 18" cord and phono jack and plug. Plugs directly into most recorders. Shpg. wt., 2 lbs. MU-53 ..... 5.00 Down ..... Net 22.54

## "LONG LIFE" TAPE RECORDER MAINTENANCE KIT CLEANER & LUBRICANT 1.50



The "Long Life" kit contains both a cleaner and lubricant for tape recorder heads and guides. The cleaner dissolves grease and grit, removing foreign matter from heads and tape, while lubricant reduces friction to a minimum. Brushes contained in bottle caps. 2 oz. of each fluid. Shpg. wt., 1/2 lb. PK-103—Recorder Cleaner and Lubricant Kit.....Net 1.50



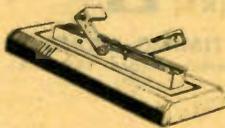
## (A) ROBINS "GIBSON GIRL" SPLICER WITH REPLACEABLE BLADE

Cuts 2 rounded indentations in the tape splice, leaving the edges of the tape which contact parts of the recorder entirely free of adhesive. Adhesive deposited on initial parts of recorder is a frequent cause of wow and flutter. As little as 1/4" tape need be removed. Shpg. wt., 1/2 lb. MS-288 ..... Net 6.25 MS-473—Replacement Blade ..... .98

## (B) ROBINS SILICONE TAPE CLOTH

Cleans, lubricates and protects by depositing a microscopic film of silicone on the tape. Reduces head wear, tape wear, tape squeal and chatter. Eliminates "grime distortion". Washable. Shpg. wt., 5 oz. MS-375 TAPE CLOTH ..... Net .73

## 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

## ADHESIVE REEL LABELS



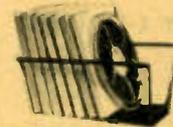
Convenient press-on adhesive labels for positive identification of tape reels. Easy to apply or remove. Shpg. wt., 5 oz. MS-292.....Pkg. of 30.....13c

## MASTER KIT



The complete kit for maintaining all tape recorders. Consists of one 2 oz. bottle cleaner, one 2 oz. bottle lubricant, one 2 oz. bottle tape conditioner, two capillary wick applicators, and one trower applicator. Complete with detailed Instructions. All in new "squeeze-feed" plastic bottles. Shpg. wt., 1 lb. ML-157 ..... Net 3.98

## TAPE RACK



At last, an attractive inexpensive rack for keeping reels and boxes of tape neat, safe, and orderly. 1 1/2 lbs. ML-156 ..... Net .98

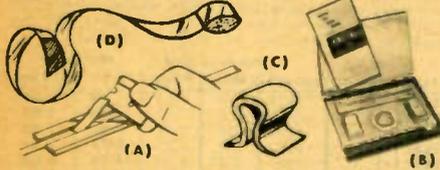


## (A) ROBINS TAPE THREADER

No more awkward fumbling while threading a reel. Just place the tape against the reel, slip your Robins threader over the capstan shaft and over the empty reel. Tip of threader holds the tape firmly against the reel. A few turns on the crank and you're ready to play or record. Saves time and tape. Shpg. wt., 2 oz. MS-222 ..... .79

## (B) TAPE THREADER

For quick and simple tape reel threading. Simply clip on and start recorder. Works on all size reels. Handsome chrome finish. In plastic case. Shpg. wt., 6 oz. MS-374 TAPE THREADER List 2.50 ..... Net 1.47



## (A) 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 handy precut splicing tape tabs. Shpg. wt., 6 oz. MS-376—Tape Splicer Kit ..... Net 1.20

PRE-CUT TAPE TAB REFILLS—For above, 24 precut splicing tape tabs. Shpg. wt., 2 oz. MS-377—Pre-Cut Tape Tabs ..... Net .20

## (B) EDITALL TAPE EDITING KIT

- PRECISION BUILT CUTTING BLOCK
- SIMPLE TO OPERATE
- HOW-TO-DO-IT INSTRUCTION BOOK

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 7/32") supplied. Comes with instruction booklet—in a smart metal case. Shpg. wt., 1 lb. MS-474—EDITALL KIT ..... Net 8.82

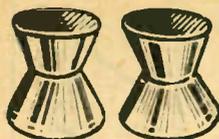
## (C) TAPE CLIPS

Keeps tapes from unwinding. Works on both full and partial reels. Shpg. wt., 12 oz. MS-476—Pkg. of 12 ..... Net .24

## (D) 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

# AND DISC RECORDERS



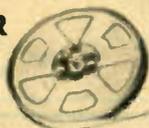
## REEL LOCKS

**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.  
MS-564 Set of two ..... 59

## TAPE CLEANER

**1.49**



Simple, unique recorder head cleaner. 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 plastic reel. Shpg. wt., 8 oz.  
PK-283 ..... Net 1.49

## 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.  
MS-565 ..... 67

## SHURE RECORDING HEADS



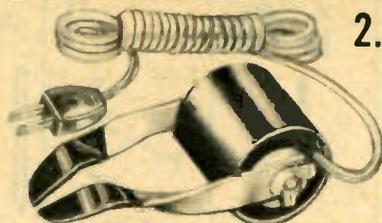
Half track (upper track) replacement heads for tape recorders. All are high impedance except \* is low. Type TR58 equipped with Cinch plug and 14" insulated leads. Average shpg. wt., 1/2 lb.

SHURE NO.	FUNCTIONS	REPLACEMENT FOR	NET EACH
B15*	RECORD-PLAYBACK ERASE	BELL RT-65 REVERE T10C, TR200 SHURE TR5, TR5H	8.82
B15H	RECORD-PLAYBACK ERASE	REVERE T500, TR600 TAPEMASTER TH21, PT121, PT125	8.82
B16	RECORD-PLAYBACK	AMPRO 730, 731 MASCO R-3, M-60 SHURE TR6C	7.06
B17*	RECORD-PLAYBACK	RCA SRT-403, 402, 401 WILCOX GAY JAI1 SHURE TR16A	5.29
TR58	RECORD-PLAYBACK ERASE	REVERE T-700, TR800, TR-20 SHURE TR5D	10.00
TR16	RECORD-PLAYBACK	WILCOX GAY JAI10, 2A-10B	5.29
TR5Z-2	RECORD-PLAYBACK ERASE	RCA TR1C1, TR2C, TR3C, TR2C, TR3C SHURE TR5Z-1	10.88

### REVERE-WOLLENSAK STEREO CONVERSION KIT

Conversion to stereo for Wallensak T1500 and Revere models T10, T11, TR20, T-700, T-700D, TR800, TR800D, T-900, TR1000, T1100 and TR-1200. Includes stereo head, insulators, cable and complete instructions. Shpg. wt., 1 lb.  
ML-158 ..... 5.00 Down ..... Net 33.81

## LAFAYETTE ECONOMY MODEL HEAD DEMAGNETIZER



**2.89**

Lafayette offers this economical head demagnetizer to meet the need for a reasonably priced unit. Far true high fidelity and long lasting tape performance, tape heads must be demagnetized occasionally to remove magnetism accumulated in the heads. Otherwise, high frequency response on the tape will deteriorate in time. This new Lafayette head demagnetizer has very strong field and has a single probe which is made to fit very easily onto recording heads. Its thin cross sectional size allows it to be used on all tape heads, monoaural, stereo, or 4 channel. Draws 4 amps. Complete with plug, and cord. Shpg. wt., 12 oz.  
MS-694 ..... Net 2.89

## NORTRONICS RECORDING ACCESSORIES



**STEREO CONVERSION KIT (A)** Converts monoaural tape recorder for stereo playback. Mounts on the outside of almost all existing tape recorders. Uses high quality TLD-S Stereo head with internal magnetic shielding for low crosstalk. Mu-metal shield gives excellent rejection of hum. Plays monoaural half-track tapes also. Quick easy installation using ordinary tools. After installation, one channel plays through present recorder and second channel plays through any other amplifier or preamp. Can be used for monoaural or stereo recordings with appropriate amplifier. Shpg. wt., 1 1/2 lbs.  
ML-159. SK-100 ..... 5.00 Down ..... Net 23.50

**1/4 TRACK 4-CHANNEL STEREO ADAPTER KIT (A)** Similar to SK-100, but for use with new 1/4 track 4-channel stereo tapes. Equalized response, 30-12,000 cps - 3 db at 3 1/2 ips. Output, 1 mv at 1 kc. Can also be used with 1/2 track stereo tapes. Shpg. wt., 1 1/2 lbs.  
ML-160. SK-50 ..... 5.00 Down ..... Net 26.00

**BIAS-ERASE OSCILLATOR TRANSFORMER (B)** 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

**ALIGNMENT TAPE** Full track, 3" reel, 7 1/2 ips speed. Provides sine wave signals of 50 to 10,000 cps for stereo and monoaural head alignment, record level and tone control adjustment, and frequency response check. Shpg. wt., 4 oz.  
ML-162. AT-100 ..... Net 2.50

**RECORDING AMPLIFIER (C)** 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, 5/N ratio, 55 db. Also synchronization for stereo recording purpose using 2 RA-100's. For 110-120 v, 60 cps AC. Size, 2 1/2" h x 5 1/2" d x 8" w. Shpg. wt., 8 lbs.  
ML-163 RA-100 ..... 5.00 Down ..... Net 49.50

**PLAYBACK AMPLIFIER (D)** For tape head playback with a tape deck or for addition to a converted recorder to provide playback amplification for the second channel. 2-required for a stereo deck. A complete 3-watt amplifier with a cathode follower preamp output for driving a larger amplifier. Low level input with 1 mv. sensitivity; high level input with 0.2 volts sensitivity. Outputs 4, 8, 16 ohm speaker taps; 1 volt cathode follower output. Less than 2% harmonic distortion, response 30-15,000 cps ± 2 db, continuously variable, equalization including NARTB and RIAA standards, 50 db S/N ratio. For 110-120 volts, 60 cps AC. Size 2 1/2" h x 5 1/2" d x 8" w. Shpg. wt., 8 lbs.  
ML-164. PL-100 ..... 5.00 Down ..... Net 39.50

**PATCH CORD AND JACK (E)** For connecting one channel of the Stereo-Kit to the audio system of the converted recorder. With instructions. Shpg. wt., 5 oz.  
ML-165. PC-100 ..... Net 2.50

## ROBINS-MICHIGAN MAGNETICS EXACT REPLACEMENT TAPE RECORDER HEADS

Precision recording heads to replace old worn heads and convert to stereo. Exact replacements. All stereo heads 1/2 track. Avg. shpg. wt., 10 aoz.

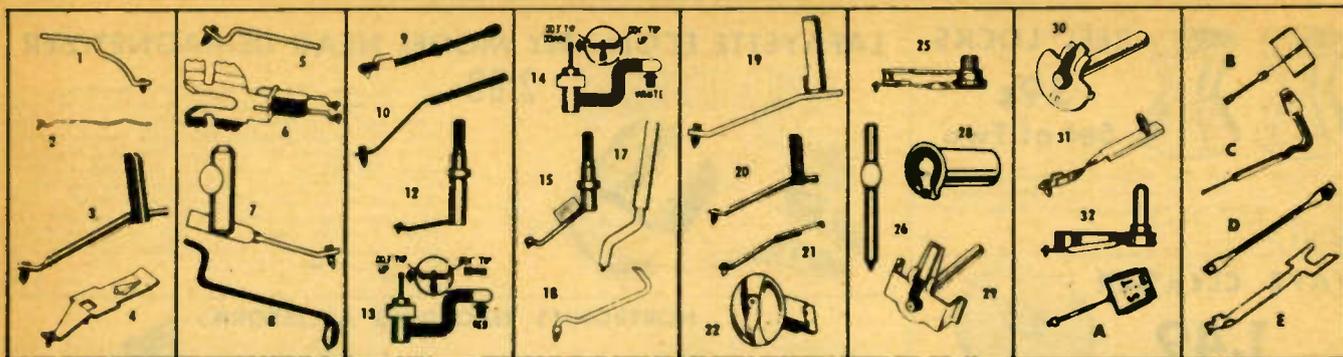


MAKE	MODEL NO.	STEREO STOCK NO.	FIG	NET	MONAURAL STOCK NO.	FIG	NET
BELL SOUND CAPITOL	BT-205-1B, T200-T-207	ML-166	1	19.84	ML-171	5	10.29
	750, 752	ML-166	1	19.84	ML-172	6	10.29
CRESCENT	730, 770, 772-790-792	ML-167	2	22.78	ML-172	6	10.29
	830, 870, 891, 892	ML-167	2	22.78	ML-172	6	10.29
PENTRON	773, 774	ML-167	2	22.78	ML-172	6	10.29
	TM Series	ML-168	3	19.84	—	—	—
RCA-VICTOR	NL, PT Series	ML-169	3	19.84	—	—	—
	TR-3	ML-166	1	19.84	—	—	—
SILVERTONE	7059, 7060, 7070, 7072, 8057	ML-167	2	22.78	ML-172	6	10.29
	4690, 8058, 8070, 8072, 7065, 7066, 7074, 7080, 7081	ML-167	2	22.78	ML-172	6	10.29
TELECTRO VM	1960	—	—	—	ML-173	7	10.29
	710 Series, 711 Series	ML-166	1	19.84	ML-173	7	10.29
VIKING	714 Series, 750 Series	ML-166	1	19.84	ML-173	7	10.29
	Reel to reel units	ML-170	4	22.78	ML-174	8	12.25
WEBSTER	Cartridge units	ML-166	1	19.84	ML-175	8	12.25
	290	ML-166	1	19.84	—	—	—
WILCOX-GAY	375, 5 Series, 6B, 6F	—	—	—	ML-172	6	10.29
	632, 642, 651, 652, 674	—	—	—	ML-172	6	10.29
	686, 702, 712, 732, 750, 752, 762, 772, 782	—	—	—	ML-172	6	10.29
	—	—	—	—	ML-172	6	10.29

FULL REFUND OF EASY PAY CARRYING CHARGES IF PAYMENTS COMPLETED WITHIN 60 DAYS

# 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 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 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

Only Lafayette's Superior Diamond Styli are

- MADE FROM WHOLE DIAMONDS ● PRECISION
- GROUND AND POLISHED ● VERTICALLY AND
- EDGEWISE GRAIN ORIENTED
- SHADOWGRAPH



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. Avg. shpg. wt., 2 oz.

## FULL 1 YEAR GUARANTEE

ANY DIAMOND  
OF  
DIAMOND-SAPPHIRE  
MONAURAL NEEDLE  
ON THIS PAGE

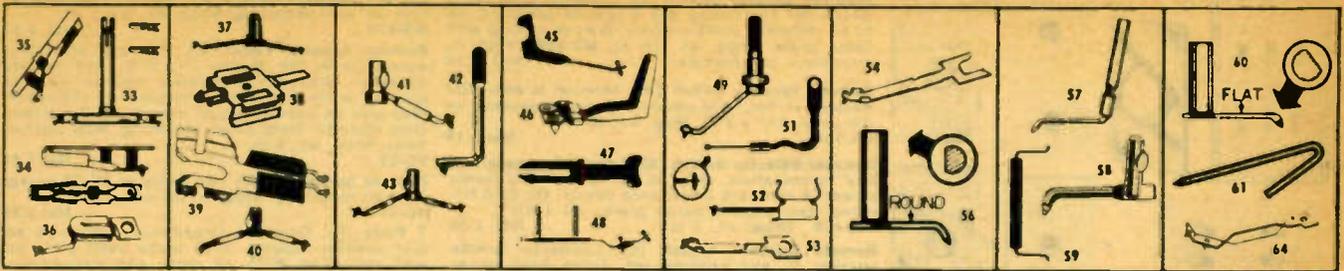
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### DIAMOND NEEDLES

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.
<b>FOR ADMIRAL CARTRIDGES</b>					<b>FOR GARRARD CARTRIDGES</b>					<b>FOR SHURE CARTRIDGES</b>				
PS-10	LP	1	409A11, 409A300, 98A54-1	JPS-30LPD	PS-44	LP	31	G.C. 2PA	GA-97LPD	PS-16	COMB	6	WC10, WC100, PC2 series, PCS series, PC4 series, PCS series	JPS-35SD
PS-11	LP	2	40A15-2	E-90LPD	<b>FOR GOLDRING CARTRIDGES</b>					PS-15	COMB	6	ML44 series	JPS-36SD
PS-12	AG	3	409A16	A-752D	PS-49	LP	34	50055, 500DD, 500SD	GR500LPD	PS-10	LP	1	P-72, P-73, P-73R, P-75, P-76, P-77, P-80, W-21, W-21AR, W-22A, PC-24, WC-25 Series	JPS-30LPD
PS-13	AG	4	409A17	JPS-332D	<b>FOR MAGNAVOX CARTRIDGES</b>					PS-55	LP	4	PC11, PC13, PC40, PC40T, PC40ET, PC41, PC41-T, WC22AB-T, WC12AR, W31AR	JPS-32LPD
PS-14	LP	5	409B19-B	JPS-34LPD	PS-51	COMB	37	560176, 560180, 560133, 560151, 560169-1, 560170	M-50SD	PS-14	LP	5	W72, PC42AD	JPS-34LPD
PS-16	COMB	6	409B21	JPS-35SD	PS-35	LP	54	560176, 560180	CRA-55LPD	<b>FOR SONOTONE CARTRIDGES</b>				
PS-15	COMB	6	409B20	JPS-36SD	PS-15	COMB	6	560177, 560188-1 Series	JPS-36SD	PS-48	LP	52	1P-1PS, 1P-1D, 1P-LB-1S, 1P-LB-1D, 2TD, 2TS, 2T-SD, 2T-LB-D, 2T-LB-S, 2T-LB-SD, 9980-S, 9980-SD, 9980D, ST, ST-LB-S, ST-LB-SD	S-63LPD
PS-17	LP	7	409A30	AB1LPD	PS-70	COMB	51	560161	S-66SD	PS-70	COMB	51	9980-S, 9980-SD, 9980D, ST, ST-LB-S, ST-LB-SD	S-66SD
<b>FOR ACOS (MONARCH) CARTRIDGES</b>					<b>FOR MARCEL CARTRIDGES</b>					<b>FOR TELEFUNKEN CARTRIDGES</b>				
PS-18	LP	8	37-1	AG-27LPD	PS-21	LP	10	A7094	A-89LPD	PS-72	COMB	64	TYSA	TE-18SD
PS-19	LP	9	HGP-59	AG-28LPD	<b>FOR PHILCO CARTRIDGES</b>					<b>FOR WEBSTER ELECTRIC CARTRIDGES</b>				
<b>FOR ASTATIC CARTRIDGES</b>					PS-34	COMB	43	45-9612, 76-4449, 425-0016	PH-13SD	PS-75	LP	56	AB1M, AX (old) A15M, A12M-1, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A100, A101, A103, A160, A200, A201, A202, A204, A260, B100, B200, B202, B205, B207	W-15D
PS-20	LP	3	AC Series, 40T, 41T, 40-1, 41-1, 42-1, 90T series, 10L-3, 11L-3	A-75LPD	PS-57	LP	41	35-7682, 45-1609, 45-1612, 76-4053, 425-0017	M-60LPD	PS-77	LP	53	A201, A202, A204, A260, B100, B200, B202, B205, B207	W57LPD
PS-23	LP	12	408	M-70LPD	PS-58	ST	42	45-1844, 76-1622, 76-1622-1	PH-10D	PS-17	LP	7	8X	A-81LPD
PS-24	COMB	13	57T, 57T1, 57T	A-68SD	PS-59	LP	41	45-9792	PH-9D	PS-10	LP	1	F11	JPS-30LPD
PS-25	COMB	14	GCD, 409, 55-T, 55T1, 55TM	A-71SD	PS-56	COMB	43	45-0007, 425-0011, 425-0014	PH-13SD	PS-76	AG	1	23-2024	JPS-312D
PS-23	LP	12	410	M-70LPD	<b>FOR PHILIPS (Norelco) CARTRIDGES</b>					<b>FOR R.C.A. CARTRIDGES</b>				
PS-17	LP	7	CAC, CO, CO-1, LQD, LQD-1, QT, QT-33, 44-T, 46-1, 46-1, 166T Series	A-81LPD	PS-42	LP	45	AG3013, AG3015	PL-600LPD	PS-23	LP	12	74067	M-70LPD
PS-28	LP	16	LT-3D, LT-4, LT-4D, LT-4D-1	A-73LPD	PS-43	COMB	46	AC3001-10	PL-601SD	PS-45	LP	32	74466	G-10LPD
PS-29	AG	17	18L3	J-252D	<b>FOR PERPETUUM EBNER CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-27	LP	18	51-1, 53-1, 59-1, MC, GC, GC-1	A-74LPD	PS-44	COMB	47	P12/RG	RXS50SD	PS-26	LP	49	74625, 75575	M-74LPD
PS-30	LP	19	6L3-D, 8L3-D, 64T, 66, 66-1, 68	A-67LPD	PS-45	COMB	48	PE-8, PE18	RXS51SD	PS-27	LP	10	74984, 76297	A-74LPD
PS-35	LP	54	94T series, 6L3, 8L3, 12L3, 61-1, 62-1, 68-1, 405, 406, 118, 120, 124 series, 310T, 312T, 420, 422, 424TS series, 310-1, 310-TB, TS, 312-TB, TS, 414-1	GRA-55LPD	PS-46	LP	22	P7000 (MJ, MD) (LP only)	RXS52LPD	PS-10	LP	1	55652, 76257, (984370-1), 75044	JPS-30LPD
<b>FOR AUDAK CARTRIDGES</b>					<b>FOR R.C.A. CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-38	LP	25	D-L-6, M1-07, L-6, R-2	AU-58LPD	PS-44	COMB	33	78748, 79807, 100653	S-66SD	PS-20	LP	3	76257, (984370-2)	A-75LPD
<b>FOR BANG &amp; OLUFSEN CARTRIDGES</b>					<b>FOR R.C.A. CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-39	COMB	29	Fontona B40 350R5TD, 72R5TD	BO-350SD	PS-46	COMB	33	78634, 78769, 93409, SPC-1, SPC-2, M1-12110, M1-12112	G-13SD	PS-55	LP	4	78478, 162A001	JPS-32LPB
PS-40	LP	30	Fontona B40 350R5TD, 72R5TD	BO-352LPD	PS-48	COMB	52	79791	S-64SD	PS-70	COMB	51	78748, 79807, 100653	S-66SD
<b>FOR CLARKSTAN CARTRIDGES</b>					<b>FOR R.C.A. CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-41	LP	26	RV201LP, RV201DLP, RV204LP, RV204DLP	CL-62LPD	PS-25	COMB	14	100329	A-71SD	PS-46	COMB	33	78634, 78769, 93409, SPC-1, SPC-2, M1-12110, M1-12112	G-13SD
<b>FOR ELECTRO-VOICE CARTRIDGES</b>					<b>FOR R.C.A. CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-11	LP	2	14, 20, 22, 34, 44, 46, 47, 74, 82, 825M, 82DM, 84, 845M, 84DM, 850, 850M, 845, 86M, 86DM, 94T	E-90LPD	<b>FOR RONETTE CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-42	AG	27	16, 16T, 16-3, 16-S, 26	E-915D	PS-35	LP	53	TO-700, TO-222, TO-284, TO-400 series, RA284, D160 series.	CRA-55LPD	PS-80	LP	2	For Ronette, OV, OV1, T1 & BF40	A 2.95
<b>FOR ELAC MIRATWIN CARTRIDGE</b>					<b>FOR R.C.A. CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-43	LP	28	DM-2, SM-2	EL-250LPD	PS-49	LP	38	TX88, A	CRA-56LPD	PS-82	LP	2	For Sonatone 26 & 21	B 2.95

\*The open end type (Fig. 54) replaces both Fig. 53 and 54

# DIAMOND & SAPPHIRE STYLI



## 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-050, 4G-052, 4G-053, 4G-040, 4G-041, 4G-063, 4G-061 cartridges. Avg. shog. wt., 2 oz.

PS-48-1 mil diamond LP clip-in stylus. Replaces GE 4G-010 Net 2.59  
 PS-546-1 mil sapphire LP clip-in stylus. Replaces GE 4G-015 Net 1.15  
 PS-548-3 mil sapphire 78 clip-in stylus. Replaces GE 4G-035 Net 1.15

### 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-46-list 31.00 Net 3.75  
 DUAL DIAMOND. Replaces old GE RPJ-012 and new RPJ-012A.  
 PS-79-list 49.95 Net 7.95  
 DUAL SAPPHIRE. Replaces old GE RPJ-010 and new RPJ-010A.  
 PS-545-list 5.95 Net 2.10

### STYLI FOR OLD TYPE GE CARTRIDGES (FIG. 32)

Exact replacement for all old type single needle GE cartridges. Avg. wt., 2 oz.

PS-45-Diamond 1 mil (LP) replaces GE RPJ-004 Net 2.59  
 PS-541-Sapphire 1 mil (LP) replaces GE RPJ-005 Net .99  
 PS-540-Sapphire 3 mil (78) replaces GE RPJ-001 Net .99

### FOR GE SERIES A CARTRIDGES (FIG. 34)

Individual styli replacements that clip in to all GE "A" series. Avg. wt., 2 oz.

PS-47-Diamond 1 mil (LP) replaces GE RPJ-010 Net 2.59  
 PS-543-Sapphire 1 mil (LP) replaces GE RPJ-015 Net 1.15  
 PS-542-Sapphire 3 mil (78) replaces GE RPJ-035 Net 1.15

### DIAMOND STYLI FOR



AS LOW AS

# 2.59

## 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

Lafayette 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 sapphire points except those marked with \* which are osmium. Avg. shog. wt., 2 oz.

**ALL SINGLE SAPPHIRES . . . . . .99**  
 (Points coded LP, AG, ST)

**ALL DUAL STYLI . . . . . .1.39**  
 (Points coded COMB)

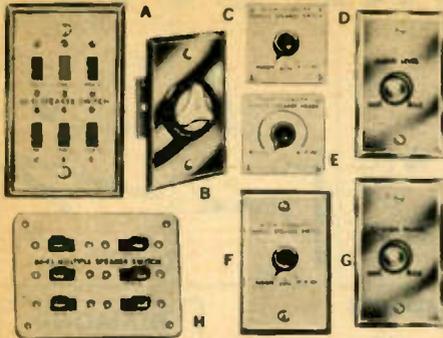
**ALL SINGLE OSMIUM . . . . . .60**  
 (Stock Nos. With Asterisk)

### SAPPHIRE NEEDLES

STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.	STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.	STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.
<b>FOR ADMIRAL CARTRIDGES</b>					<b>FOR RECOYON GOLDRING CARTRIDGES</b>					<b>SHURE CARTRIDGES</b>				
PS-500	LP	7	409A301	A-81P	PS-538	COMB.	27	Series: 16	E-91	PS-538	ST	38	TX-88	CRA-56
PS-523	AG	3	409A16	A-752	<b>FOR MAGNAVOX CARTRIDGES</b>					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	IPS-30
PS-506	ST	2	409A15-2	E-90	PS-549	ST	36	500 (SS, SO, DD)	GR-500LP	PS-511	LP	1	80, 81, PC-30, 72V, W-21, 22, 23, 24, 65, 68, WC-60	IPS-30LP
PS-507	AG	2	409A13-1	E-902	<b>PHILCO CARTRIDGES</b>					PS-567	COMB.	6	ML 44 Series: PC-2, PC-3, PC-4, PC-5, WC10, WC100	IPS-35
PS-508	LP	2	409A14, 409A15	E-90LP	PS-509	ST	1	25-267-1	JPS-30	PS-516	COMB.	6	Series: 10, 11, 13, 14, 40, 40T, 40CT, 41, 41X, PS20, P-21	IPS-32
PS-509	ST	1	409A11, 98A54-1	JPS-30	PS-551	LP	41	35-2682, 45-1609, 45-1612, 76-4053	M-40LP	PS-562	LP	4	ADM, WC-22ABT, W31AR, WC-21AR, WC38, W36B, WC36B	IPS-32LP
PS-510	AG	1	409A13, 409A13-2	JPS-312	PS-552	COMB.	40	Series: 45, 76, 425	PH-13	PS-547	COMB.	6	ML 44 Series: PC-2, PC-3, PC-4, PC-5, WC10, WC100	IPS-35
PS-511	LP	1	409B19-9, 409A300	JPS-30LP	PS-535	ST	22	35-8014, 325-8021	CRA-55	PS-516	COMB.	6	Series: 1P	IPS-32LP
PS-512	AG	4	409A17	JPS-332	PS-537	LP	22	325-8018	CRA-55LP	PS-548	COMB.	6	Series: 1P	IPS-32LP
PS-513	ST	5		JPS-34	PS-539	COMB.	51	325-8016	S-46	PS-549	COMB.	6	Series: 1P	IPS-32LP
PS-514	AG	5	409B19-8	JPS-34LP	PS-553	COMB.	51	102321, 101315	S-46	PS-550	ST	10	7590-15, 7590-LB-15, 7590-2M	A-74
PS-515	LP	5		JPS-36	PS-502	ST	7	73839	A-81	PS-520	AG	10	7590-25, 7590-LB-2M	A-742
PS-516	COMB.	6	409B20	JPS-35	PS-521	LP	18	74984, 76297	A-74LP	PS-529	COMB.	51	590-LB-25, 759-35, 759-LB-35	A-74LP
PS-547	COMB.	6	409B21	JPS-35	PS-522	ST	3	76257, (988378-2)	A-75	PS-563	ST	52	Series: 2P, 9900	S-46
<b>FOR ASTATIC CARTRIDGES</b>					<b>FOR RCA CARTRIDGES</b>					<b>FOR SONOTONE CARTRIDGES</b>				
PS-517*	ST	57	LT-1M, LT-2M, LT-3M	A-84	PS-523	LP	3	101955	A-75LP	PS-564	AG	52	Series: 1P	S-43
PS-518*	LP	57	64-3M, 64-3	A-84LP	PS-524	COMB.	3	101955	A-71	PS-565	LP	52	Series: 1P	S-43LP
PS-502	ST	7	Series: CAC, CO, OT, LQD	A-81	PS-503	COMB.	14	100329	JPS-30	PS-553	COMB.	51	Series: ST	S-61
PS-501	AG	7	44, 46, 48, 36, 403	A-812	PS-509	ST	1	75044, 98837B-1	A-87	<b>WEBSTER ELECTRIC</b>				
PS-500	LP	7	62	A-81LP	PS-511	LP	1	75044, 98837B-1	A-87	PS-546*	COMB.	59	Series: P-14	W-85
PS-519	ST	10	Series: GC, S1	A-74	PS-534	LP	19	9890, 9953, 30453, 38598, 39550, 390151, 39919, 70332, 70338	A-74LP	PS-567	ST	56	A-1, A1-8, A7-A7-1, A7-5	W-14
PS-520	AG	10	53, 59	A-742	PS-554	ST	12	70339, 78551, 75976, 74047, 74625	A-75	PS-568	LP	56	A7-8, AB, A10	W-15
PS-521	LP	10	402	A-74LP	PS-555	LP	12	70339, 78551, 75976, 74047, 74625	M-70LP	PS-569*	ST	60	Series: A1, A7, AB, A10	W-72
PS-522	ST	3	Series: 10L3, 11L3, 310	A-75	PS-556	ST	15	77779, 75475	M-74	PS-570*	LP	60	Series: AB1M, AX	W-73
PS-523	AG	3	AC, ACB	A-752	PS-557	LP	15	75575	M-74LP	PS-509	ST	1	F10, F11, F11-1	JPS-30
PS-524	LP	3	40, 41	A-75LP	PS-532	ST	19	102321, 101315	S-46	PS-511	LP	1	F10, F11, F11-1	JPS-30LP
PS-525	ST	16	Series: LT, LQ, 66TMY	A-73	PS-534	LP	19	102321, 101315	S-46	PS-571*	AG	61	P1-2, P2-1, UX	W-122*
PS-526	AG	16	62T, 66-TV, 66-1M	A-732	PS-558	ST	12	39550, 390151, 39919, 70332, 70338	S-46	PS-572	LP	61		W-12LP
PS-527	LP	16	64-3M, 64-1, 64-2, 64-3	A-73LP	PS-559	COMB.	51	79807, 100653	S-46	PS-573	LP	53	A100, A101, A103, A200, A202, A204, B200, B100, B-200	W-57LP
PS-504	ST	11	Nylon 11, 1M, 36	A-825	PS-537*	LP	54	10284	CRA-55	PS-574	AG	53	A200, A202, A204, B200, B100, B-200	W-572
PS-503	COMB.	11	GC-D, SS-T, SS-TS	A-71	PS-537*	LP	54	10284	CRA-55LP	PS-575	ST	53	A200, A202, A204, B200, B100, B-200	W-57
PS-528*	ST	58	Series: 14, 15, 64-1M	A-70	<b>FOR RONETTE CARTRIDGES</b>									
PS-529*	AG	58	64-3M, 66-TMY, 66TMB	A-702	PS-535*	ST	53	(Series: DT60	CRA-55					
PS-530*	LP	58	66-1, 66-2, 66-3, 66-TV, 66-T8	A-70LP	PS-536*	AG	OR	RA284	CRA-55					
PS-509	ST	1	PT, 64-3M, 66-3	JPS-30	PS-537*	LP	54	10284	CRA-55LP					
PS-531	COMB.	13	57-T, 57-T1	A-68										
PS-532	ST	19	Series: 12L3M, 62, 64	A-67										
PS-533	AG	19	66, 68, 94-T8	A672										
PS-534	LP	19	94-TMB, 405, 406	A-67LP										
PS-535	ST	54	310T, 310T8, 310T5	GRA-55										
PS-536	AG	54	310-2, 414-1, 429-T5	CRA-552										
PS-537	LP	54	422-T5, 424-T5	CRA-55LP										
PS-506	ST	3	Series: 10, 12, 13, 14, 20, 22, 33, 34, 43, 44, 46	E-90										
PS-507	AG	3	47, 72, 74, 82, 84, 85	E-902										
PS-508	LP	2	86, 96	E-90LP										

YOUR ORDER WILL RECEIVE PROMPT, EFFICIENT SERVICE AT LAFAYETTE

# LAFAYETTE SPECIAL VALUES IN T PADS, FADERS AND SPEAKER SWITCHES.



**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. MS-459 With instructions and hardware 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 1/2". Shpg. wt., 10 oz. MS-544 Net 1.19

**Speaker Selector Switch (B).** Selects 3 speakers in any combination, with up to 60 watts of audio power. A constant impedance device. On gold finished steel electric outlet plate, 2 1/4 x 4 1/2". MS-458 Shpg. wt., 1 lb. Net 1.39

**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. MS-469 With all parts and instructions. Net .95

**Remote Speaker Switch (F).** Same as MS-469, except for wall mounting. Shpg. wt., 6 oz. MS-470 Net 1.50

**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. VC-53 Net 1.10

**Remote Speaker Fader (G).** Same as VC-53 except for wall mounting. Shpg. wt., 6 oz. VC-54 Net 1.55

**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 Net 3.85

VC-52 16 ohm T Pad Net 3.85

## NEW LAFAYETTE L PADS

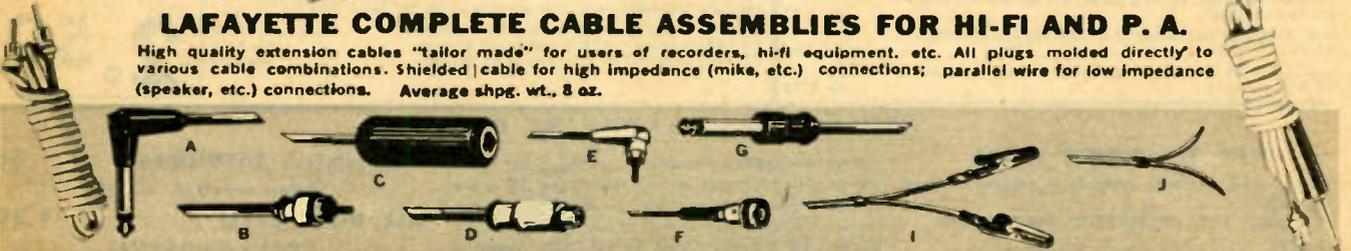


New L pads for use as "brilliance" controls to vary tweeter level, or as "presence" controls to vary mid-range speaker level. Both wirewound elements are concentrically mounted within one plastic housing. With gold-finished metal escutcheon plate, mtg screws, and attractive black knob. Size: 1-9/16" dia., 3/8" deep (less shaft), 2 1/4" deep overall. Shpg. wt., 6 oz.

VC-49—L pad for 8 ohm circuits Net 1.49  
VC-50—L pad for 16 ohm circuits Net 1.49

## 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.



**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.

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)	.51
MS-552*	90° phone plug (A)	72 in.	Alligator clips (I)	.68

**RCA TYPE PHONO PLUG (B) TO VARIOUS CONNECTIONS.** All cables shielded except \* unshielded parallel cable. Avg. shpg. wt., 9 oz.

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 (K)	.36
MS-574	Straight RCA phono plug (B)	48 in.	Stripped & tinned ends (K)	.36
MS-575	Straight RCA phono plug (B)	60 in.	Stripped & tinned ends (K)	.39
MS-576	Straight RCA phono plug (B)	72 in.	Stripped & tinned ends (K)	.41
MS-577	Straight RCA phono plug (B)	144 in.	Stripped & tinned ends (K)	.69

**PHONE PLUG (G) TO VARIOUS CONNECTIONS.** Std. 1/4" diam. sleeve; completely shielded. All cables shielded. Avg. shpg. wt., 9 oz.

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. MS-561 Net .60

**90° RCA PHONO PLUG (E) TO VARIOUS CONNECTIONS.** All cables shielded except \* unshielded parallel cable. Avg. shpg. wt., 9 oz.

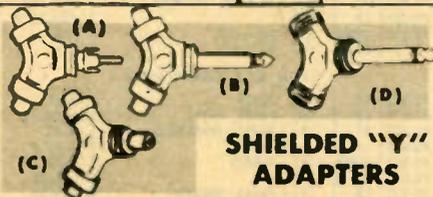
Stock No.	One Termination	Cable Length	Other Termination	Net
MS-557	90° RCA phono plug (E)	72 in.	Barrel-type phone jack (C)	.72
MS-558	90° RCA phono plug (E)	72 in.	Mike connector (F)	.88
MS-559*	90° RCA phono plug (E)	36 in.	Stripped and tinned ends (J)	.32
MS-560*	90° RCA phono plug (E)	72 in.	Alligator clips (I)	.63

## 3 SPEAKER SELECTOR SWITCH

# 1.89



Convenient rotary switch permits selection of any speaker or combination of 2 or 3 speakers from a remote location. Attractively finished in gold metal with black and ivory rotary switch. Dimensions are 3 1/4" x 4 1/2" x 2 1/2". Shpg. wt. 1 lb. MS-567 1.89



## 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.

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 mole microphone connectors in parallel to a standard two-conductor phono plug. MS-598 Net .69

## STEREO PHASER SELECTOR

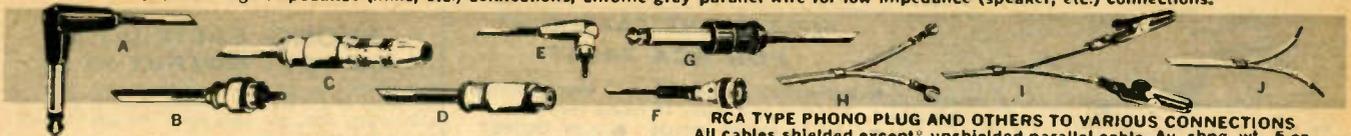


# 1.03

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., 1 1/2 oz. PK-228 Net 1.03

# 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.



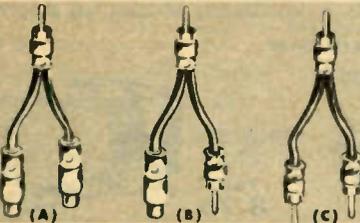
**PHONE PLUG (A) TO VARIOUS CONNECTIONS.** Std 1/4" dia sleeve; completely shielded. All cables shielded except \* unshielded parallel cable. Av. shpg. wt., 5 oz.

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-603	90° phone plug (A)	72 in.	Straight RCA phono plug (B)	1.18
MS-604	90° phone plug (A)	120 in.	Straight RCA phono plug (B)	1.62
MS-605	90° phone plug (A)	72 in.	Straight RCA phono jack (D)	1.29
MS-606	90° phone plug (A)	120 in.	Straight RCA phono jack (D)	1.76
MS-607	90° phone plug (A)	72 in.	Phono extension jack (C)	1.53
MS-608	90° phone plug (A)	120 in.	Phono extension jack (C)	2.06
MS-609	90° phone plug (A)	25 ft.	Phono extension jack (C)	2.79
MS-610	90° phone plug (A)	72 in.	Mike Connector (F)	1.53
MS-611	90° phone plug (A)	120 in.	Mike Connector (F)	2.06
MS-612	90° phone plug (A)	25 ft.	Mike Connector (F)	2.79
MS-613	90° phone plug (A)	72 in.	90° RCA phono plug (E)	1.18
MS-614	90° phone plug (A)	120 in.	90° RCA phono plug (E)	1.62
MS-615*	90° phone plug (A)	72 in.	Stripped and tinned ends (J)	.82
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-619*	90° phone plug (A)	72 in.	Alligator Clips (I)	1.12
MS-620*	90° phone plug (A)	120 in.	Alligator Clips (I)	1.41
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-624	Straight phone plug (G)	72 in.	Mike connector (2501F) (F)	1.53
MS-625	Straight phone plug (G)	120 in.	Mike connector (2501F) (F)	2.06
MS-626	Straight phone plug (G)	25 ft.	Mike connector (2501F) (F)	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

**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-635	90° RCA phono plug (E)	18 in.	90° RCA phono plug (E)	.62
MS-636	90° RCA phono plug (E)	36 in.	90° RCA phono plug (E)	.71
MS-637	90° RCA phono plug (E)	48 in.	90° RCA phono plug (E)	.79
MS-638	90° RCA phono plug (E)	72 in.	90° RCA phono plug (E)	.88
MS-639	90° RCA phono plug (E)	120 in.	90° RCA phono plug (E)	1.18
MS-640	90° RCA phono plug (E)	18 in.	RCA type phono jack (D)	.73
MS-641	90° RCA phono plug (E)	36 in.	RCA type phono jack (D)	.79
MS-642	90° RCA phono plug (E)	72 in.	RCA type phono jack (D)	1.03
MS-643	90° RCA phono plug (E)	120 in.	RCA type phono jack (D)	1.18
MS-644	90° RCA phono plug (E)	72 in.	Phono extension jack (C)	1.18
MS-645	90° RCA phono plug (E)	120 in.	Phono extension jack (C)	1.62
MS-646	90° RCA phono plug (E)	72 in.	Mike connector (F)	1.44
MS-647	90° RCA phono plug (E)	120 in.	Mike connector (F)	1.97
MS-648	90° RCA phono plug (E)	25 ft.	Mike connector (F)	2.70
MS-649*	90° RCA phono plug (E)	36 in.	Stripped and tinned ends (J)	.44
MS-650*	90° RCA phono plug (E)	72 in.	Stripped and tinned ends (J)	.53
MS-651	90° RCA phono plug (E)	72 in.	Spade lugs (H)	.59
MS-652*	90° RCA phono plug (E)	120 in.	Spade lugs (H)	.88
MS-653*	90° RCA phono plug (E)	72 in.	Alligator clips (I)	1.03
MS-654*	90° RCA phono plug (E)	120 in.	Alligator clips (I)	1.32
MS-655	Straight RCA phono plug (B)	72 in.	Mike connector (F)	1.44
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-658	Straight RCA phono plug (B)	72 in.	90° RCA phono plug (E)	.88
MS-659	Straight RCA phono plug (B)	120 in.	90° RCA phono plug (E)	1.16
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
MS-663	Straight RCA phono plug (B)	120 in.	Alligator clips (I)	1.32
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

## FLEXIBLE AUDIO Y CONNECTORS



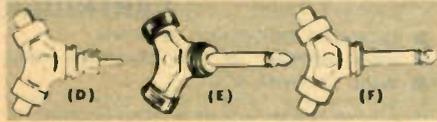
For converting Stereo Player to Monoaural. Can be used for a Tap-In-Meter Monitor connection. Also required on some Tape Recorders. Shpg. wt., 4 oz.

(A) Phono Plug connected to 2 Phono Jacks by 4" shielded cable. MS-672 ..... Net. 59

(B) Phono Jack connected to 2 Phono Plugs. MS-673 ..... NET. 59

(C) 3 Phono Plugs connected together by 4" shielded cable. MS-674 ..... Net. 59

## SHIELDED Y CONNECTORS



Completely shielded Y-Adapters with choice of connectors and terminations. Av. shpg. wt., 5 oz.

(D) Two Phono Jax Connectors in parallel to a standard Phono Plug. MS-675 ..... Net 1.03

(E) Two male microphone Connectors in parallel to a standard two-conductor Phono Plug. MS-676 ..... Net 1.12

(F) Two Phono Jax Connectors in parallel to a standard 2-conductor Phono Plug. MS-677 ..... Net 1.12

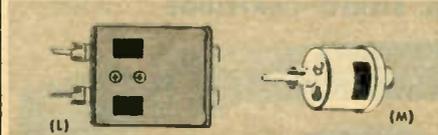
## SWITCHCRAFT STEREO AUDIO CABLES



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.

TYPE	LENGTH		NET
MS-678	36"	Phono Plugs at all ends.	1.91
MS-679	6'		2.20
MS-680	10'		2.63
MS-681	36"	2 Phono Plugs at one end, other ends Stripped and Tinned.	1.70
MS-682	6'		1.91
MS-683	10'		2.20

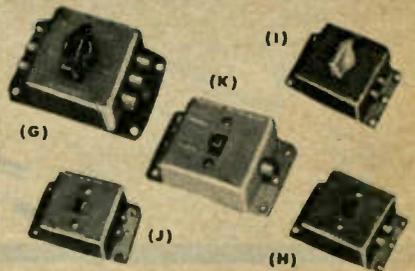
## STEREO LINE BALANCE



(L) Volume Control Adapter. Single channel, high impedance circuits only. Phono jack input to phono plug output. Designed for use in unbalanced stereo channels, in pairs for dual stereo channel control. Completely shielded; nickel plated. Shpg. wt., 12 oz. MS-689 ..... Net 2.32

(M) Dual Volume Control Adapter. Twin channel, high impedance circuits only. 2 phono jack inputs and 2 phono plug outputs with separate recessed volume controls. Tan finished. Completely shielded. Shpg. wt., 1 1/2 lbs. MS-690 ..... Net 4.41

## SWITCHCRAFT AUDIO CONNECTORS AND ADAPTERS



(G) MULTIPLE SELECTOR CONTROL  
Connects any one of 5 input circuits (AM, FM, PHONO, TAPE AND AUX) to one output. Attractive tan housing is completely shielded. Complete with mounting hardware. MS-684 ..... Net 2.91

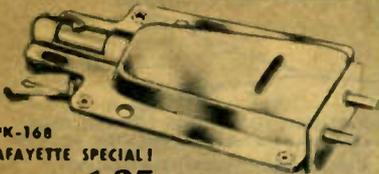
(H) STEREO-MONAUERAL SELECTOR  
Provides instant switching from monoaural to Stereo. Two Phono Jax input and two Phono Jax output. Attractive tan housing is completely shielded and may be mounted on cabinet. Supplied with mounting screws. MS-685 ..... Net 1.76

(I) STEREO-MONAUERAL SELECTOR WITH REVERSE  
Some as Switchcraft 661 but with channel reverse feature. MS-686 ..... Net 2.06

(J) SPEAKER PHASE CONTROL  
Correct speaker phasing is essential in multiple or Stereo Speaker installations. This completely shielded control is ideal for this application. Attractively finished in tan with easy to use screw terminals. Supplied with mounting hardware. MS-687 ..... Net 1.47

(K) 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. far above units is 1 lb. MS-688 ..... Net 1.47

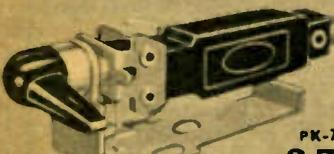
# GREAT LAFAYETTE BUYS



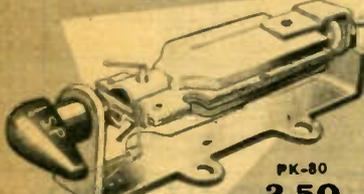
**PK-168**  
LAFAYETTE SPECIAL!  
**1.25**  
RCA "45" REPLACEMENT



**PK-11**  
**1.29**



**PK-79**  
**2.75**



**PK-80**  
**2.50**



**PK-62**  
**2.95**

## REPLACEMENT CARTRIDGES FOR RCA 74067

- Replacement for cartridges in many thousands of RCA45 and many LP record changers.
- 1 MIL SAPPHIRE STYLUS ● 2.3V OUTPUT
- HIGH IMPEDANCE CRYSTAL ● TAKES 7-10 GMS PRESSURE ● 3/8" MTG CENTERS

EXACT REPLACEMENT FOR MANY STANDARD 45 RPM AND 33 1/2 RPM CARTRIDGES

RCA		SHURE	
74067	75575	W31AR	P73AR
74625	76318	P73	P73R
75476		P73A	

## EXACT REPLACEMENT FOR RCA AND DECCA 45 RPM CHANGERS

RCA				
2T81	9EY36	9TW390	9W105	45EY
9EY3	9EYM3	9W41	45J2	45EY4
9EY31	9JY	9W101	9Y7	45EY15
9EY32	9JYM	9W102	9Y51	45EY26
9EY35	9TW333	9W103	9Y510	

DECCA			
P903	P905	P906	P907

- PK-168 ..... Net **1.25**  
 P5-555—Sapphire replacement stylus for PK-168..... Net .99

## HI-FI TURNOVER CARTRIDGE

● 40-14,000 CYCLES (PK-79)  
 Never before has a turnover cartridge of this quality been offered at such a price. Frequency response from 40-14,000 cycles ± 2 db! Has 2 sapphire styli to play all speeds and types of records. Needle pressure required is only 5 grams on LP and 12-15 grams on 78 RPM. Output is .5 volts. Comes complete with turnover mechanism and knob. Fits Webster, Garrard, VM, Collaro and tone arms of other leading manufacturers of record changers and players. This is one of the outstanding Lafayette values  
 PK-79—Singly, each \$2.75.....in lots of 3, each 2.50  
 PK-84—Sapphire LP Replacement Needle..... .69  
 PK-85—Sapphire STD (78) Replacement Needle..... .69

## PHONO CARTRIDGES 3.5 VOLT OUTPUT (PK 11)

Guaranteed high quality exact duplicates for direct replacement of all standard cartridges such as L70, L82, L92, W60B, N10, and many others. Pin plug connectors for all 78 r.p.m.  
 PK-11 each **1.29**

## 3 VOLT TURNOVER CARTRIDGES

- High Output: 3 volts
- Turnover Mechanism
- Dual Sapphire Styli
- Excellent Frequency Response

STOCK NO.  
PK 80

Lafayette has gone all out to provide for the serviceman a replacement turnover phono cartridge of a price never before attained. Here is a crystal cartridge complete with 2 sapphire styli, turnover mechanism, mounting bracket and knob—with sufficient output to use in any record player—and yet of fine quality. All at a price that enables you to use it on any repair job. Length, (less knob) 2 1/8". Ease of mounting assured by two sets of mounting holes each set with 1/8" centers.  
 PK-80—Singly, each 2.50.....in lots of 3, each 2.25  
 PK-86—Sapphire LP Replacement Needle..... .69  
 PK-87—Sapphire STD (78) Replacement Needle..... .69

## RONETTE HI-FI CARTRIDGES IMPORTED FROM HOLLAND

Lafayette brings you this famous high fidelity cartridge for use in Collaro, Webster, Garrard and VM changers. Turnover type equipped with 2 sapphire styli to play all speeds. Frequency response to 9,000 cycles, output .7 volt. Complete with turnover mechanism and knob; will fit most tone arms of record changers and players.  
 PK-62 (TO-284-OV) .....eo. 2.95

**HIGH OUTPUT MODEL**  
 Has less than 1% intermodulation distortion plus high output of 2.2 Volts. Complete turnover with 2 sapphire styli. Popular type mounting.  
 PK-82 (TO-222)—in lots of 3, each 2.75; singly 2.95

**TX-88 HI-FI MODEL**  
 This new wide range high fidelity crystal turnover cartridge has a frequency response flat from 30-24,000 cps. Output is 0.4 volts, which makes it useable without a preamp. It gives straight line response from new ortho records and so requires no equalization. Extremely high compliance stylus assembly just snaps into place. Complete with dual styli. Shpg. wt., 6 oz.  
**RONETTE TX-88** .....Net 7.35



**TX-88**  
**7.35**



**GOLDRING "500"**  
**PK-137**  
**5.75**



**SONOTONE 2T-S**  
**PK-40**  
**3.75**

RONETTE TO-284-OV---TO-222

FOR DESCRIPTION—SEE NEXT PAGE

## A LAFAYETTE SPECIAL! STEREO TONE ARM COMPLETE WITH CRYSTAL STEREO CARTRIDGE



only **2.95**

An exceptional value! A transcription-type stereo tone arm ready for use with all stereo and monaural LP records at an amazingly low price. Modern, plastic, straight line design with offset plug-in head which has a wide-range ceramic 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 7/16" hole and is secured by single locknut. May be mounted on turntable base of up to 1/2" thickness. Easy height adjustment at base of arm. Overall length 10". Finished in gleaming black with gold trim. Shpg. Wt., 1 lb.  
 PK-171 Stereo Tone Arm with ceramic cartridge Net 2.95  
 PK-172 Replacement cartridge Net 1.95  
 P5-576 Replacement needle Net .69



**NEW! STEREO CRYSTAL TURNOVER CARTRIDGE**

- 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 separations for stereo effect. Supplied with turnover mechanism, knob and dual sapphire styli to play records of all speeds. Completely compatible. Fits all standard arms. Shpg. wt., 6 oz.  
 PK-258 Net **2.75**

- REPLACEMENT STYLI**
- PK-281—Sapphire Stereo LP Net .69
  - PK-282—Sapphire STD (78) Net .69
  - P5-586—DIAMOND Stereo LP Net 2.95

LAFAYETTE IS HEADQUARTERS FOR PHONO EQUIPMENT AND ACCESSORIES

# ON PHONO PARTS

## GOLDRING "500" MAGNETIC TURNOVER CARTRIDGE

Entirely unique, and exclusive among the 500's features is the "push-pull" coil arrangement which automatically cancels out inductive hum picked up from the radiation of changer motors, etc. This permits users of the "500" to realize the full potential of the variable reluctance principle. The "500" will fit any tone arm having standard 1/2" mounting holes to replace any cartridge without alteration of playing equipment. Shpg. wt., 1.3 oz.  
**PK-137—GOLDRING "500" cartridge with 2 sapphire styli**.....Net 5.75

## SONOTONE 2T-S (Supersedes 9980-S) Turnover Ceramic Cartridge

This cartridge is used to replace Astatic AC, ACD, CAC, GC, LOD, 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. 1.8 oz.  
**PK-40—In lots of 5, ea. 2.95**.....Singly, ea. 3.25

## ZENITH COBRA CARTRIDGES

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"	1 Mil Sapp	2.34
O-12	S15222	Green	All to "L"	1 Mil Dia	10.00
D-13	*521458	Gold	"L" & "M"	3 Mil Sapp	3.34
D-14	142-73	Purple	"L" & "M"	2 Mil Sapp	3.34
D-15	142-72	Yellow	"L" & "M"	1 Mil Sapp	3.34
D-16	*142-71	Blue	"L" & "M"	1 Mil Dia	10.00
D-17	*142-74	White	"g" & "t"	1 Mil Sapp	5.00
D-18	142-77	Brown	Turnover	3 Mil Dia	5.00
D-19	*142-76	Gray	"g" & "t"	1 Mil Dia Turnover	11.00

## ZENITH 45RPM SPINDLE FITS ALL COBRAMATIC CHANGERS

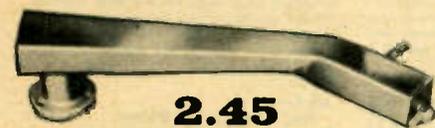
Zenith S22006 spindle fits all models, Cobramatic changers and eliminates use of "spiders" and other devices to insert in records. Natural color matches any unit. Simple instructions with each unit. Shpg. wt., 1 lb.  
**PK-391 Zenith S22006**.....Net 4.35



ZENITH

S22006

## 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 easy in handling. Overall length 8 1/2". Height from base to bottom of arm 15/16". Simple base mount with 1 1/4" spaced mounting. Shielded leads. Smooth, gray finish plastic arm. Shpg. wt., 2 lbs.

**PK-157**.....Net 2.45  
**PK-158—Sapphire LP replacement needle**.....Net .69  
**PK-159—Sapphire Std. replacement needle**.....Net .69

## ADMIRAL CARTRIDGES

ADMIRAL A1745 — Improved version of A1372. 3-prong snap-in type replaces both numbers. For Admiral changers, models RC170, RC170A, RC180, RC181 and RC182. Compatible with 78 RPM Osmium needle. Shpg. wt., 1.2 oz.  
**D-100**.....Net 3.38  
 ADMIRAL 409A11 — Borrel type turnover cartridge for Admiral changer models RC210, RC211, RC212, RC220, RC221, RC222, RC320, RC321 and RC322. Compatible with two [LP and standard] osmium needles. Shpg. wt., 1.2 oz.  
**D-101**.....Net 6.20

## PHILCO CARTRIDGE

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., 1.2 oz.  
**PK-94**.....Net 7.50

## MAGNAVOX CARTRIDGES

Genuine Magnavox exact replacement cartridges complete with indicated styli. Shpg. wt., 1.2 oz.

STOCK NO.	MAG. NO.	FIG	STYLI	NET
D-75	560133-4	A	Use 560170-1	8.80
D-76	560170-1	C	Dual Sapphire	9.80
	560151-9	B	Sapphire	
	560151-5	B	Use 560151-9	
	560151-6	B	Use 560151-9	
D-77	560158-2	B	Diam/Sapphire	11.52
D-78	560169-1	C	Diam/Sapphire	10.52

## RCA CARTRIDGES

Genuine RCA exact replacement cartridges complete with indicated styli. Shpg. wt., 1.2 oz.

STOCK NO.	RCA NO.	FIG	SPEED	STYLUS	NET
D-35	9890	A	78 RPM	Sapp.	5.05
O-36	70338A	B	78 RPM	Sapp.	4.12
D-37	74067	C	45 RPM	Sapp.	2.62
D-38	75575	F	45 RPM	Sapp.	3.76
O-39	77779*	G	ALL	Sapp/Osm.	4.41

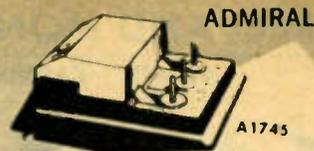
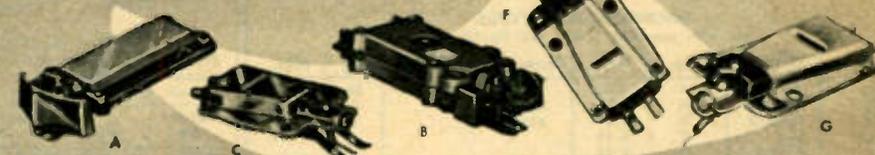
\*Turnover dual needle

## 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

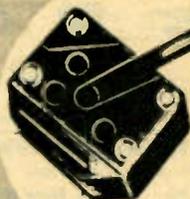


ADMIRAL

A1745



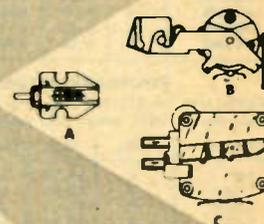
409A11



PHILCO

PK-94

## MAGNAVOX



## RCA



.98

## LAFAYETTE SPECIAL STYLUS INSPECTION MICROSCOPE

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. The "objective" end has a curved metal guard which reflects light source for strong illumination; the slit in the guard also enables the centering of stylus in microscope field. Can be used with any stylus. Has adjustable objective lens. Size 3 1/2" long x 1/2" diam. Shpg. wt., 8 oz.

**PK-237**

Net .98

## NEW! 4-SPEED HI-FI TURNOVER PICKUP



2.75

- ARM TAKES STEREO OR MONAURAL CARTRIDGES
- WITH WIDE RANGE MONAURAL 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 1/4" to 1-9/16". Also stylus pressure adjustment. Plastic arm 9/16" long overall. Base 1 1/4" w. with mounting holes on 1 1/4" centers. Shielded leads. Satin smooth light maroon finish. Shpg. wt., 2 lbs.

**PK-146**.....Net 2.75  
**PK-232 Pickup arm only less cartridge**.....Net 1.25  
**PK-158 Sapphire LP replacement Needle**.....Net .69  
**PK-159 Sapphire STD replacement Needle**.....Net .69



1.25

## STEREO PICKUP ARM

Low-priced plastic pickup arm, wired for stereo. Overall length 9 1/2". Base 1 1/4" wide with mounting holes on 1 1/4" centers. Easy height adjustment at base, 1 1/4" to 1-9/16". Simple stylus pressure adjustment. Will accept virtually all stereo and mono cartridges, including turnover type. Satin smooth light maroon finish. Shpg. wt., 2 lbs.

**PK-232 Pickup arm, less cartridge**.....Net 1.25

DON'T FORGET LAFAYETTE'S MONEY BACK GUARANTEE

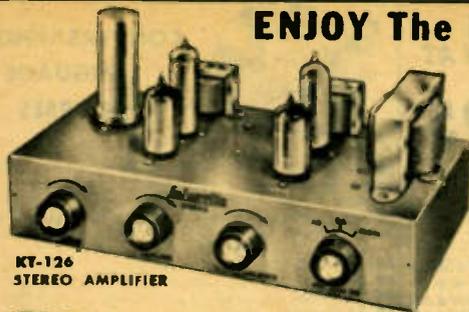
Page 99



# DO IT YOURSELF — BUILD YOUR OWN STEREO PHONO SYSTEM

## ENJOY The MAGIC OF STEREO

## COMPLETE STEREO SYSTEM



KT-126  
STEREO AMPLIFIER



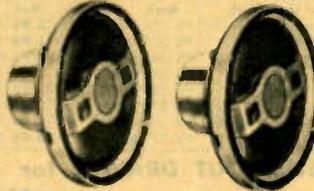
ML-24 4 SPEED  
PHONO MOTOR



PK-172  
Replacement Cartridge



PK-171 Stereo Arm  
With Plug-In Cartridge



2-5K 97 6" Coaxial

Put your own mechanical talents to use and save yourself real money! Lafayette brings together all the basic components required for a complete stereo phono system in this "easy-to-assemble" package; you will enjoy assembling the basic amplifier and hooking up the speakers, turntable and pickup. And you will enjoy its fine stereo performance, more! Complete package consists of Laf. KT-126 basic stereo phono amplifier KH, Laf. ML-24 4-speed phono motor and turntable for 16 $\frac{1}{2}$ ", 33 $\frac{1}{2}$ ", 45 LP and 78 RPM records, 2-Laf. 5K-97 6 $\frac{1}{2}$ " Coaxial Speakers with built-in crossover networks and overall response of 50-16,000 cps. and Laf. PK-171 Stereo Tone Arm with Lafayette Plug-In Crystal Stereo Cartridge with .75 mil sapphire stylus for stereo and monoaural records. The KT-126 kit becomes a complete stereo phono amplifier, 2 watts per channel, with separate volume controls for each channel, ganged tone control and "stereo-reversal-monoaural operation" switch. This kit has many fine features, among them, an isolation transformer to eliminate shock hazard, as is more fully described in the "Kit Section" of this catalog. It will operate beautifully from the Lafayette stereo ceramic crystal cartridge to give you faithful quality and stereo realism. Shpg. wt., 20 lbs.

PK-336WX ..... 5.00 Down ..... Net 38.50

**ONLY 38.50**

### 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 an 8" turntable. Mounting centers 4 $\frac{1}{2}$  x 3 $\frac{1}{4}$ " ; 2 $\frac{1}{4}$ " depth below base plate. Shpg. wt., 3 $\frac{1}{2}$  lbs.

ML-24 Phono and turntable ..... Net 5.35  
PK-149 Mounting board for motor ..... Net 95c



### 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, 33 $\frac{1}{2}$ ", 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



### RCA PHONO SWITCHES

FIG. A. — TYPE 240X1 Radio Phono—Used to operate record player through radio without a phono input. Complete with shielded 15" cable, plug, jack and instructions. FIG. B. — TYPE 202W1 Selector—Used to operate 2 record players through one radio set or amplifier. Quick, easy changeover; mounts on rear of cabinet. Complete with jacks, plugs, etc. Shpg. wt., 1 lb.

RCA-240X1 Radio Phono Switch ..... Net 1.47  
RCA-202W1 Selector Switch ..... Net 3.33

### TRANSISTORIZED STEREO BUG



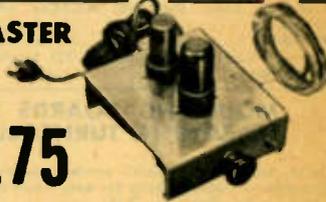
An ingenious device that enables you to play the second channel of your stereo system through your broadcast radio receivers. Use with any ceramic stereo cartridge or tone head and playback preamp. The receiver can be tuned to a clear spot anywhere between 550 and 1000 kc. Completely transistorized and contains highly efficient oscillator. Stable and safe operation. Easy to install, no soldering required. Size: 4 $\frac{1}{4}$ " x 2 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ ". Shpg. wt., 1 lb.

PK-226 — Less battery ..... Net 13.23  
BA-109 Battery for above, Burgess Z-4 ..... Net .63 ea.

### WIRELESS BROADCASTER

Play your phonograph through any radio anywhere in the house without connecting wires. Talk through your radio by microphone.

**9.75**



Lafayette's new wireless broadcaster will extend your enjoyment of your phono-player to every room that has a radio. Connect phono to wireless broadcaster, tune in any radio to the wireless broadcaster, which broadcasts on an adjustable frequency between 700KC - 1700KC. Pick your spot. Will take crystal or magnetic cartridges and also microphones for voice broadcast. Has volume control with "on-off" switch. Size 4 $\frac{1}{2}$  x 5 $\frac{3}{4}$  x 1 $\frac{1}{2}$ ". Completely wired and assembled with all tubes and operating instructions. 110V AC/DC operation. Shpg. wt., 4 lbs.

LA-14 Wireless broadcaster ..... Net 9.73  
PA-24 Crystal microphone ..... Net 6.23

### SHIELDED PHONO LEADS



40" long shielded phono cable. Overall polyethylene insulation. Ideal for phono connections or for testers. MS-60, in lots of 10, ea. 24c, Singly, ea. NET 27c

### PROTECT YOUR RECORDS WITH PLASTIC COVERS

Soft pliable plastic covers to protect records from dirt, dust and moisture. Available in square beaded bottom to fit 7", 10" and 12" records in jockets and in round beaded bottom to cover 10" and 12" records without jockets. Shpg. wt., 1/2 lb.

PK-117 — Package of 30 12" Square Jocket Covers  
PK-118 — Package of 40 10" Square Jocket Covers  
PK-119 — Package of 50 7" Square Jocket Covers  
PK-120 — Package of 30 12" Round Record Covers  
PK-121 — Package of 40 10" Round Record Covers



YOUR COST PER PACKAGE **1.49**

### PLASTIC COVERS FOR CHANGERS AND TURNTABLES



Heavy vinyl covers to protect changers and turntables from dust, dirt and moisture. Reinforced stitched edges. Shpg. wt., 6 oz. PK-153 for all record changers.....Net .79  
PK-154 for turntables.....Net 1.19

### ISOLATION PAD

Foam pad fits under changer or player bases, recorders, etc. Protects furniture, helps reduce acoustical noise. One side corrugated for no-slip. 16 $\frac{1}{2}$ " x 13 $\frac{1}{4}$ " x 3/8" thick. Shpg. wt., 2 lbs.  
PK-155 ..... Net .95

### PHONO OSCILLATOR

**4.50**

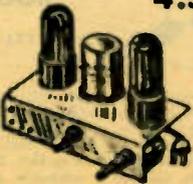
For use with all types of phonos. Compact, well-built unit, tuned within broadcast band. Completely wired ready for use. Supplied with RCA type phono jack, 1-12BE6 and 1-35W4 tubes, hank antenna, 6 ft. AC cord. For 110V AC/DC operation. Shpg. wt. approx. 2 lbs.

PK-25..... 4.50



### 2-TUBE PHONO AMPLIFIER

**4.50 with Tubes**



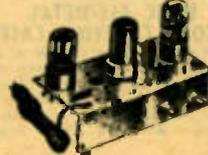
A two tube phono amplifier using a 50L6 and 35Z5 tube as rectifier. Well-built, good tone and volume. Contains volume control with switch. AT A BIG SAVING! Shpg. wt., 3 lbs.  
PK-24—Two tube amplifier ..... 4.50

### COMPLETE WITH TUBES

TR-10 Output transformer — matches output tube to 3-4 ohm voice coil. Shpg. wt., 1/2 lb.  
TR-10 — Singly, ea. 59c In lots of 5, ea. 49c

### AC-DC Phono Amplifier

**2.95**

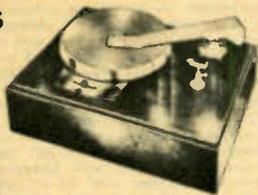


Equipped with a variable tone control and a separate volume control. Delivers two watts output. Phonograph motor connects to the amplifier. Uses 12AT6 50B5, and 35W4 rectifier. For 110-120V, 60 cycles AC or 110-120 V. DC. Supplied with line cord and plug, but less tubes. Shpg. wt. 2 lbs.  
PK-23..... 2.95

TR-10 Output transformer matches output tube to 3-4 ohm voice coil. Shpg. wt., 1/2 lb.  
TR-10 — Singly, ea. 59c In lots of 5, ea. 49c

# LAFAYETTE VALUES IN PHONO ACCESSORIES

## DELUXE WOODBASES AND MOUNTING BOARDS FOR TRANSCRIPTION TURNTABLES



NET  
**14.95**

- FINEST SELECTED HARDWOOD VENEERS
- CHOICE OF FIVE CABINETMAKER FINISHES
- FREE-FLOATING FOAM RUBBER MOUNTED MOTOR BOARD
- INDIVIDUAL ADJUSTABLE FEET FOR ACCURATE LEVELING

These substantial woodbases are deluxe units made from the finest selected hardwood veneers by skilled craftsmen. All four sides are 3/4" thick and the top is 1/2". All have firmly secured mitered corners. The four bumper feet are individually adjustable for accurate leveling. The free floating mounting board is foam rubber mounted on the top has a finish matching the woodbase. Available in five attractive cabinetmaker finishes: mahogany, blonde, ebony, walnut and fruitwood; please specify when ordering. The elegant styling and finish add beauty to any high fidelity installation. Accommodates a turntable and a 12" or 16" tone arm. Size, 21 1/4" x 16 1/2" x 4 3/4". Shpg. wt., 15 lbs. Base and board cut for Lafayette PK-245 turntable. **PK-265W** ..... Net 14.95  
Base and board cut for Lafayette PK-240 turntable. **PK-266W** ..... Net 14.95  
Base and board uncut for mounting other makes of turntables. **PK-267W** ..... Net 14.95  
Base and board for Lafayette PK-331 turntable. **PK-335W** ..... Net 14.95

## MOUNTING BOARDS FOR LAFAYETTE TURNTABLES

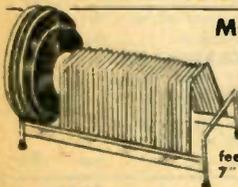
Precut, unfinished, smoothly sanded mounting boards for Lafayette turntables. Ready for easy finishing. Size 15 1/2" x 20 1/2" x 1/2". Shpg. wt., 3 lbs.  
**PK-268W**. Cut for Laf. PK-245 turntable ..... Net 3.75  
**PK-269W**. Cut for Laf. PK-240 turntable ..... Net 3.75  
**PK-334W**. Cut for Laf. PK-331 turntable ..... Net 3.75

## BALL BEARING HEAVY DUTY DRAWER SLIDES



Made of 16 gauge steel. Supports 50 lbs. Ball bearing, double-extension type, for mounting changers. 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

## MODERN RECORD RACK



Attractive, brass plated rack carries 65 records of all sizes. Spring steel separators. Heavy carrying handle. Rubber tipped feet. Size 17 1/2" L x 5 1/2" H x 7" D. Shpg. wt., 4 lbs.  
**PK-227** - List 3.95 ..... Net 1.79

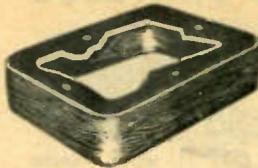
## LYRIC ALL-METAL RECORD CARRYING CASES



For travel and home storage of records. All metal, rolled-edge construction. All except model 57 have embossed index for separation of records. Model 57 holds records in envelopes. Attractive 2-tone wrinkle finish.

Stock No.	Model	Capacity	Shpg. Wt.	Net
PK-113	57	48-7" Records	2 lbs.	1.27
PK-114	58	60-7" Records	4 lbs.	2.29
PK-55	43	50-10" Records	6 lbs.	4.55
PK-57	46	36-12" Records	7 lbs.	4.90

## CHANGER BASES



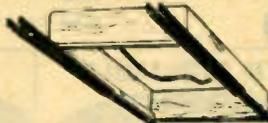
AS LOW AS  
**3.95**

Wood base cut to fit all popular changers. Shpg. wt., 5 lbs.

For Use With	Mah.	Blonde	Net	Wal.	Net
Garrard RC88/98	PK-356W	PK-357W	3.95	PK-358W	4.50
Garrard RC121	PK-359W	PK-360W	3.95	PK-361W	4.50
Garrard 210	PK-362W	PK-363W	3.95	PK-364W	4.50
Garrard 4HF	PK-365W	PK-366W	3.95	PK-367W	4.50
Garrard T	PK-368W	PK-369W	3.95	PK-370W	4.50
Manorch	PK-371W	PK-372W	3.95	PK-373W	4.50
Collaro changers	PK-374W	PK-375W	3.95	PK-376W	4.50
Collaro TP59	PK-377W	PK-378W	3.95	PK-379W	4.50

## SLIDE-OUT DRAWER FOR RECORD CHANGERS

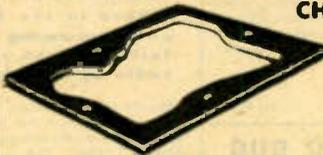
**6.95**



## SLIDE-OUT DRAWER FOR RECORD CHANGERS

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 1/2" beyond edge of cabinet. Supplied either blank or cut to your specifications. Unfinished wood permits your painting to suit your own decor. Size 16" x 16" x 3 1/4". Shpg. wt., 8 lbs.  
**PK-47W** ..... Net 6.95

## MOUNTING BOARDS FOR RECORD CHANGERS



**.95**

Strong, durable 1/2" plywood, smoothly sanded and cut out for Garrard, Webar, V.M. Collaro. Unfinished for easy staining. Specify for particular model changer desired. Shpg. wt., 1 lb. Size, 15 1/2" x 15 1/2".

### MOUNTING BOARDS

<b>PK-380W</b>	For use with Garrard RC88/98	NET .95
<b>PK-381W</b>	For use with Garrard RC121	NET .95
<b>PK-382W</b>	For use with Garrard 210	NET .95
<b>PK-383W</b>	For use with Garrard 4HF	NET .95
<b>PK-384W</b>	For use with Garrard T	NET .95
<b>PK-385W</b>	For use with Manorch changers	NET .95
<b>PK-386W</b>	For use with all Collaro changers	NET .95
<b>PK-387W</b>	For use with Collaro TP59	NET .95

## 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

## RECORD ALBUMS & BOOKS



(1) **RECORD ALBUM** - Durable album. Holds 12 records and opens flat. A set of these handsome albums will add to the appearance of your record library. Shpg. wt., 3 lbs. **PK-296** - Far 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. Two tone Spanish green Gold embossed. Average shpg. wt., 1 lb.  
**PK-241** - Holds 15-12" Records ..... Net 1.95

## CONVERSAPHONE LANGUAGE COURSES



Learning languages is fun by the amazing new Conversaphone 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"-33 1/3 RPM record and manual. Shpg. wt., 1/4 lb.

<b>PR-28</b> French	Net 2.79
<b>PR-29</b> Spanish	Net 2.79
<b>PR-30</b> Italian	Net 2.79
<b>PR-31</b> German	Net 2.79
<b>PR-32</b> Hebrew	Net 2.79
<b>PR-33</b> Russian	Net 2.79
<b>PR-34</b> Japanese	Net 2.79
<b>PR-35</b> Portuguese	Net 2.79
<b>PR-36</b> Swedish	Net 2.79
<b>PR-37</b> Finnish	Net 2.79
<b>PR-38</b> Norwegian	Net 2.79
<b>PR-39</b> Mad. Greek	Net 2.79

## MULTILINGUA LANGUAGE COURSE

FRENCH  
ITALIAN  
GERMAN  
SPANISH

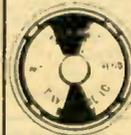


**6.95**

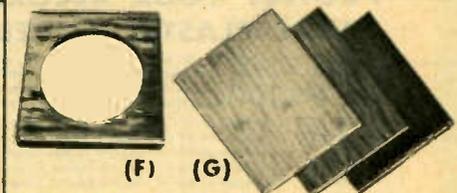
You can now learn to speak French, Italian, German or Spanish easily and pleasantly in your own home and progress at your own speed. Features the new simplified participation method that helps you to learn the lessons faster and retain them longer. It is a complete language course with 48 lessons on 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** ..... List 9.95 ..... Net 6.95  
**4-LANGUAGE COMBINATION COURSE** All 4 languages, French, Italian, German and Spanish, on 8-12" LP records, 192 lessons, 2 books.  
**PR-16** ..... Net 10.95

## SPIDERS FOR 45 RPM RECORDS



Fiber Spiders, Wt. 3 oz.  
**MS-47** - Per pkg. of 10 ..... Net .19  
Metal Spiders, Wt. 6 oz.  
**MS-48** - Per pkg. of 10 ..... Net .47



## SPEAKER REDUCING BOARDS (G)

Blank panels of highly-finished veneer. Can be cut to suit your custom requirements. Size: 16" x 18" x 1/4" thick. Shpg. wt., 2 1/2 lbs.

**SB-21** Mahogany Finish } Net  
**SB-22** Blonde Finish } Each  
**SB-23** Walnut Finish } 2.25

## FINISHED PLYWOOD PANELS (F)

Enables mounting of smaller speakers in oversize enclosures. Boards are sturdy 1/2" plywood, precut to exact size. All mounting holes are drilled. Brown stained.

**SB-18** Adapts 8" speaker to 12" speaker cabinet or boom. Wt. 1 lb. Net .89  
**SB-19** Adapts 12" speaker to 15" speaker cabinet or boom. Wt. 1 1/2 lbs. Net 1.25

# HI-FI INSTALLATION • AUDIO AND PHONO ACCESSORIES

## TONE ARM CONTROL

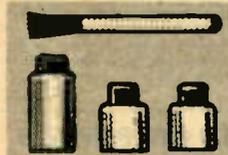


An absolutely essential addition for every Hi-Fi enthusiast. Record, cartridge and needle life will be greatly extended by the use of this tone arm control. Accurately and smoothly places tone arm in record run-in groove and lifts arm off record at end of play. Ideal for "cueing." Designed to fit practically every known turntable arm

as well as record changer with manual features. Unit is supplied with both wood and metal mounting screws also drilled with adhesive mounting base which eliminates drilling mounting holes.

MS-572 TONE ARM CONTROL ..... Net 4.25

## FLEXICONE KIT

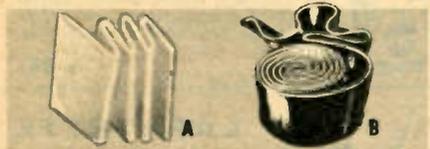


- REDUCES SPEAKER CONE RESONANCE
- IMPROVES FREQUENCY RESPONSE

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.

MS-571 ..... Net 1.76

## ACOUSTIC INSULATION



### FIBRE-GLASS A

Excellent sound absorbing material. For lining interiors of speaker cabinets, consoles, phanos, 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, 16" x 16" x 1". Banded fibre-glass. Shpg. wt., 2 lbs.

SB-55 ..... Net 2.70

### TUFFLEX B

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 12" x 18" sheets.

SB-29 Per sheet Net .39

## NEW! CANE GRILLE CLOTH

Highly attractive cane effect on brown plastic backing. 1 Square Yard length. Shpg. wt., 6 ozs. per yd.  
 Natural stripe crossed by gold flecked white stripe. SG-17 (Fig. C) Net 3.75  
 SG-18 (Fig. D) Natural cane effect Net 2.85  
 18" x 24" length. Shpg. wt., 4 ozs. per yd.  
 Natural stripe crossed by gold flecked white stripe. SG-19 (Fig. C) Net 1.25  
 SG-20 (Fig. D) Natural Cane effect Net 1.25

## TEXTILE GRILLE CLOTH

Standard speaker grille cloth in mahogany background with gold motif design. Shpg. wt., 4 oz.

SB-37 Size 12" x 12" Net .41

SB-38 Size 24" x 13" Net .79

## MINIATURE HI-FI AUDIO MIXER

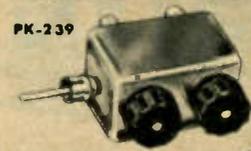
With this handy, small mixer you can announce titles before playing records, mix two high impedance microphone inputs or perform any other mixing operation where 2 high impedance input channels are converted to a single mixed high impedance input channel. Each input channel has its own easy acting level control for quiet mixing; all mounted in shielded, chrome plated housing. Has 2 RCA type female input jacks and one male RCA plug on output side. Overall size 2 1/4" x 1 1/4" x 3/16". Shpg. wt., 1/2 lb.

PK-239 AUDIO MIXER Net 1.75

AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Phone Plug. Size 3 1/4" x 1 1/4" x 1 1/4" overall. PK-242 Net 1.75

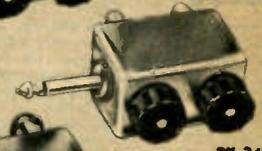
AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Female Mike Connector. Inputs consist of 2 Male Mike Connectors. Size 2 1/4" x 1 1/4" x 3/16" overall. PK-243 Net 1.75

PK-239

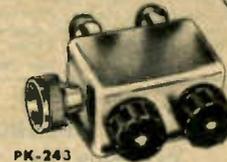


1.75

1.75



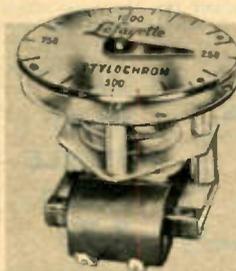
PK-242



PK-243

1.75

## 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 1/4". Extends 1 1/2" below or behind panel. Complete with instructions. Shpg. wt., 2 lbs.

PK-224

Net 4.95

## LAFAYETTE HIGH FIDELITY STEREO-MONAUROAL 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 stylus. 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

## GRILLE CLOTH AND GRILLES



### PLASTIC GRILLE CLOTH

Choice selection of latest patterns and beautiful colors. AcoustiCloth is made of finest quality vinyl plastic; woven with proper mesh for passage of high frequencies as well as lows. 36" wide. 1 squared yrd. d. lengths. Shpg. wt., 8 oz.

SG-10 (Fig. A) Mahogany with gold stripe. SG-11 (Fig. A) Blonde with mahogany stripe. SG-12 (None) Gold mesh. } 2.39

SG-13 (Fig. B) Black with gold cabweb. SG-14 (Fig. B) Mahogany with gold cabweb. SG-21 (Fig. A) Walnut with gold stripe. } 3.75

18" x 24". Shpg. wt., 5 ozs. SG-22 (Fig. A) Mahogany with gold stripe. SG-23 (Fig. A) Blonde with mahogany stripe. SG-24 (None) Gold mesh. } 1.25

SG-25 (Fig. B) Black with gold cabweb SG-26 (Fig. B) Mahogany with gold cabweb SG-27 (Fig. A) Walnut with gold stripe

### PANDAMUS GRILLE CLOTH ( D. )

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.

SG-16 Net per yard 1.55

### ORNAMENTAL GRILLES ( E )

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 12" x 18" Net 1.76

ML-23 Size 18" x 24" Net 3.23

LAFAYETTE IS HEADQUARTERS FOR PHONO EQUIPMENT AND ACCESSORIES

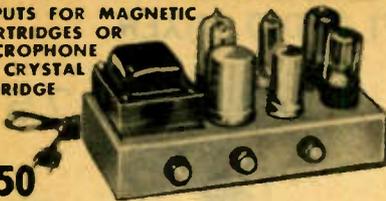
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# PHONO SPECIALTIES AND ACCESSORIES

## SELECTED RECORD CARE ACCESSORIES

### 5 WATT MIKE AND PHONO AMPLIFIER

- INPUTS FOR MAGNETIC CARTRIDGES OR MICROPHONE AND CRYSTAL CARTRIDGE



16.50

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.

PK-A-7 Net 16.50



### DELVAN RECORD CLEANER KIT

.79

The professional way to keep your records free from dirt and dust that give your records those annoying pops and reduce record life. One application of the special fluid will keep your records static free for months. Velvet type pad gets into the grooves to remove all dirt. A needle brush is also included. The finest record cleaning kit available today. Shpg. wt., 10 ozs.

PK-193 Net .79



### LEKTROSTAT RECORD CLEANING KIT

Clean your valuable records the professional way with the Lektrostat method. Kit contains a non-gumming anti-static detergent in polyethylene 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

### ELECTROSONIC LAB "DUST BUG"



The "Dust Bug" is designed for special care of your valuable records, to remove dirt and dust on each playing. Consists of a light plastic arm which mounts by a suction cup and can be permanently mounted, if desired, 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 which clean your record automatically as it plays. Shpg. wt., 6 oz.

PK-156 Standard model (A) Net 5.63  
 ESI 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



### 1.76 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.

PK-72 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.

WEATHERS P-675 Net 2.00

2.00

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**ATOMIC DUST-CHASER (A).** Offers the logical way to release dust in the grooves: the elimination of electrostatic charges with alpha particles. Clips on pickup arm. Extremely light weight. Shpg. wt., 6 oz.  
 PK-109 Net 1.15

**NEEDLE BRUSH (B).** Cleans stylus. Use in changers or with turntables. Attaches with adhesive pad. Height of brush adjustable. Shpg. wt., 5 oz.  
 PK-107 Net 65c

**RECORD BRUSH (C).** Cleans records with brush of soft camel's hair. Snaps on tone arm. Improves record life and protects stylus. Shpg. wt., 4 oz.  
 PK-102 Net 25c

**NEW FOUNTAIN PEN BRUSH (E).** 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.

**NEW SOUND-OIL LUBRICANT (F).** New, super refined lubricant made especially for record changers, turntables and tape recorders. In plastic squeeze case. Shpg. wt., 6 oz.  
 PK-248 Net 34c



### HI-FI RUMBLE FILTER 3.75

Eliminates rumble caused by low frequency mechanical vibration introduced into phono system by many record changers and turntables. Attenuates signals below 50 cycles. With "in" or "out" switch. For crystal or ceramic cartridges. Has flange for mounting. Size, 4 3/4" L x 3 3/4" W x 1 1/4" H. Shpg. wt., 3 lbs.

PK-148 Net 3.75

### NEW! LAFAYETTE PK-244 NEEDLE BALANCING GAUGE

- PERFECT FOR LIGHTWEIGHT ARMS
- LIFETIME ACCURACY



.89

At last a precision needle balancing gage that will never lose its accuracy. The simplicity of its design eliminates springs, interacting levers and bars that frequently require adjustment. By placing the counterweight in the corresponding index holes it is possible to correctly calibrate the tracking weight of your tone arm.

PK-244 NEEDLE BALANCING GAUGE Net .89



### HI-FI RECORD COMPENSATOR 3.75

This precisely engineered unit is designed to provide maximum quality from all types of recordings. Provides 5 settings: LP, AES, Flat, old 78 and new 78. The desired frequency compensation is selected conveniently with a front panel switch. Use with all types of reluctance cartridges. Size: 4 1/2" L x 3 3/4" x 2 1/2" Deep. For flange mounting. Shpg. wt., 5 lbs.

PK-236 Net 3.75



### WEATHERS DISCUSHION

Designed by Weathers to protect your records from scratches, these cushions prevent the playing surface of your records from touching anything. Uses graduated height ridges. Record is held by its blank outer rim. Shpg. wt., 1 1/2 lbs.

WEATHERS P-684 Net 2.95

**UNIVERSAL 4-SPEED NEEDLE (G).** Over 80% discount on these famous brand needles. Offset shank with Universal all speed 2 mil stylus. Plays all 3 speeds. On individual cards with manufacturer's name. Regular resale \$1.50. Shpg. wt., 3 oz.

PK-21 Singly, ea. 29c Lots of 10, ea. 26c

**RUBY PHONO NEEDLE (H).** Synthetic ruby tipped Universal all speed 2 mil stylus for chuck type phonographs. Offset shank provides spring action. Each in plastic case. Shpg. wt., 3 oz.

PK-14 Singly, ea. 69c Lots of 3, ea. 59c

**RECORD CLOTH (I).** Removes record static with one wipe! Eliminates noises caused by grit, dust, ashes in grooves — no more "pops" and "clicks." Extends record life immensely. A necessary item for those who treasure their precious records. Shpg. wt., 4 oz.

PK-83 Net 25c



### RECORD GRIP MATS

These record grip mats prevent slippage and surface-grubbing of records stocked 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



### 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 wear 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 88c



### 99c 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.

PK-223 Net 99c



### FOAM TURNTABLE MATS

Sizes to fit all turntables. Prevents record slippage, cushions record drop of automatic changers, protects needle from damage due to accidental drapping of pickup arm. Average shpg. wt., 6 oz.

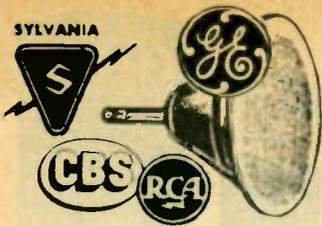
PK-108 For 10 inch Turntables Net 49c  
 PK-151 For 12 inch Turntables Net 59c  
 PK-152 For 45 RPM Players Net 35c



### GARRARD STYLUS PRESSURE GAUGE 2.45

Accurately measures the weight exerted by the stylus upon a record. Pressure is calibrated in grams. Can be used with any tone arm or any pickup. All moving parts of lightweight alloy. Attractive red and ivory plastic case. Shpg. wt., 5 oz.

PK-77 Net 2.45



# T.V. PICTURE TUBES

BRAND NEW GUARANTEED FOR 1 YEAR  
TUBE MANUFACTURERS' ORIGINAL SEALED CARTONS  
SAVE MONEY — BUY IN QUANTITY

BUY 6 TUBES ASSORTED — DEDUCT 10% FROM NET PRICES  
BUY 2 TUBES — DEDUCT 5% FROM NET PRICES



## AVERAGE SHIPPING WEIGHTS FOR PICTURE TUBES

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"	21"	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 number.

## GENERAL ELECTRIC 'PREMIUM' TUBES

A complete line of picture tubes to meet your every need. All are premium—tested General Electric tubes except 1 which are other famous brands such as Sylvania, Westinghouse, CBS Hytron. All Types are in factory sealed cartons and are guaranteed both by Lafayette and the manufacturer for one full year. \*Aluminized Screens. When ordering give stock number and type. See chart on this page for average shipping weights.

Stock No.	Type	List	Net Each	Stock No.	Type	List	Net Each
PT-200X	5AXP4†	—	19.35	PT-262X	17TP4	51.50	37.86
PT-201X	5TP4*	78.25	57.48	PT-263X	172P4/2P4	33.40	25.05
PT-202X	7JP4	29.50	21.71	PT-264X	19AP4A	52.50	38.59
PT-203X	8AP4A	27.75	19.01	PT-265X	19AP4B	52.50	38.59
PT-204X	8XP4†	—	21.56	PT-266X	20CP4/DP4	37.80	27.78
PT-205X	8YP4†	—	28.91	PT-267X	20CP4A/DP4A	37.80	27.78
PT-206X	9QP4A	32.50	23.85	PT-268X	20CP4B/DP4B*	45.00	33.75
PT-207X	10ABP4B†	22.00	16.17	PT-269X	20CP4D/DP4C*	45.00	33.75
PT-208X	10AP4A	21.10	15.51	PT-270X	20HP4A/1P4/MP4	39.40	28.96
PT-209X	10FP4A*	27.60	20.29				
PT-210X	10HP4†	35.40	26.02	PT-271X	20HP4C*	42.00	30.87
PT-211X	10MP4A†	27.60	20.29	PT-272X	20HP4D*	42.00	30.87
PT-212X	12KP4A*	29.60	21.76	PT-273X	21ACP4/AMP4	37.80	27.78
PT-213X	12LP4A	25.40	18.67	PT-274X	21ACP4A/AMP4A/BSP4*	45.00	33.75
PT-214X	12UP4A	30.25	22.24	PT-275X	21ALP4	39.40	28.96
PT-215X	12VP4A†	31.75	23.34	PT-276X	21ALP4B/ALP4A*	46.50	34.18
PT-216X	14AJP4*	40.50	29.77	PT-277X	21AP4	60.00	44.10
PT-217X	14CP4/EP4	27.60	20.29	PT-278X	21ATP4A/ATP4*	46.50	34.18
PT-218X	14NP4A/SP4*†	35.40	26.02	PT-279X	21AVP4B/AVP4A/AVP4B/AVP4A*	46.50	34.18
PT-219X	14QP4A	29.10	21.39	PT-280X	21AWP4*	45.00	33.08
PT-220X	14QP4A*	33.00	24.26	PT-281X	21AXP22A	160.00	127.40
PT-221X	14RP4A*	35.40	26.02	PT-282X	21BTP4*	46.50	34.18
PT-222X	14WP4A*†	35.40	26.02	PT-283X	21CBP4/CBP4A*	51.50	37.86
PT-223X	14XP4A*†	35.40	26.02	PT-284X	21CEP4*	46.50	34.18
PT-224X	15GP22	265.00	232.30	PT-285X	21CMP4*	51.50	37.86
PT-225X	16AP4A	52.50	38.59	PT-286X	21CP4*	51.50	37.86
PT-226X	16DP4A	32.40	23.81	PT-287X	21CUP4*†	45.00	33.09
PT-227X	16EP4A	58.00	42.63	PT-288X	21CWPA*	46.50	34.18
PT-228X	16GP4A	48.00	35.28	PT-289X	21CXP4*†	46.50	34.18
PT-229X	16QP4B	48.00	35.28	PT-290X	21DEP4/DAP4*	51.50	37.86
PT-230X	16JP4A†	42.00	30.87	PT-291X	21DHP4*†	51.50	37.86
PT-231X	16KP4/RP4	28.60	21.02	PT-292X	21DLP4*†	46.50	34.18
PT-232X	16KP4A/RP4A*	32.00	23.58	PT-293X	21DQP4*†	46.50	34.18
PT-233X	16LP4A/ZP4	33.20	24.63	PT-294X	21EAP4*†	63.00	46.30
PT-234X	16TP4	28.20	20.73	PT-295X	21EP4A	40.00	29.40
PT-235X	16WP4A	34.60	25.43	PT-296X	21EP4B*	44.00	32.34
PT-236X	17AVP4A/ATP4A*	39.60	29.11	PT-297X	21ESPA2	51.50	37.86
PT-237X	17BJP4†	39.60	29.11	PT-298X	21FP4A	36.00	26.46
PT-238X	17BP4A/JP4	31.30	23.01	PT-299X	21FP4C*	40.00	29.40
PT-239X	17BP4B*	36.00	26.46	PT-300X	21MP4	62.50	45.94
PT-240X	17BRP4*†	44.50	32.71	PT-301X	21WP4†	38.00	27.93
PT-241X	17BVP4*†	47.75	34.99	PT-302X	21WP4A*	45.00	33.08
PT-242X	17BP4A*†	44.50	32.71	PT-303X	21XPA/AYPA	39.50	29.04
PT-243X	17CFP4*	39.60	29.11	PT-304X	21XPA/AYPA	46.50	34.18
PT-244X	17CKP4/CAP4/BZP4*	44.50	32.71	PT-305X	21YP4	42.50	31.07
PT-245X	17CLP4*†	39.60	29.11	PT-306X	21YP4A*	46.00	33.81
PT-246X	17CNP4*†	39.60	29.11	PT-307X	21ZP4A	41.40	30.43
PT-247X	17CP4	51.25	37.58	PT-308X	21ZP4B*	45.00	33.08
PT-248X	17CRP4*†	39.60	29.11	PT-309X	23CP4*†	82.00	60.27
PT-249X	17CSA*†	44.50	32.71	PT-310X	24AEP4*	67.00	49.24
PT-250X	17CTP4*†	44.50	32.71	PT-311X	24AHP4*	72.00	52.92
PT-251X	17DP4A*†	53.25	39.14	PT-312X	24ALP4*	72.00	52.92
PT-252X	17DKP4*†	46.00	33.81	PT-313X	24ANP4*†	67.00	49.24
PT-253X	17DLP4*	44.50	32.71	PT-314X	24AP4	132.40	97.31
PT-254X	17DQP4*†	44.50	32.71	PT-315X	24AVP4*†	88.00	64.68
PT-255X	17FP4A/FP4	34.00	24.99	PT-316X	24CP4A/TP4/VP4A/ADP4*	64.50	47.41
PT-256X	17GP4	50.00	36.75	PT-317X	24DP4A/YP4*	67.00	49.24
PT-257X	17HP4B/RP4C*	38.10	28.25	PT-318X	27EP4*	111.00	81.58
PT-258X	17LP4A/2P4B*	36.80	27.05	PT-319X	27LP4*†	111.00	81.58
PT-259X	17QP4A/UP4/YP4	31.20	22.93	PT-320X	27RP4*	111.00	81.58
PT-260X	17QP4A*	35.80	26.31				
PT-261X	17RP4/MP4	34.00	24.99				

AS NEW TUBES ARE RELEASED BY MANUFACTURERS, LAFAYETTE WILL STOCK THEM

## RCA "MONOGRAM" FACTORY-REBUILT TUBES

Now you can get TV tubes at budget prices. RCA offers their famous "Monogram" series of factory rebuilt tubes. Everything has been replaced except the original glass envelope. RCA's high standards of production are strictly maintained in bringing these low-price picture tubes to you. \*Aluminized Screens. When ordering give stock number and type. See Chart on this page for shipping average weights.

Stock No.	Type	List	Net Each	Stock No.	Type	List	Net Each
PT-110X	10BP4A	19.00	14.06	PT-142X	20DP4C/CP4D*	33.50	24.97
PT-111X	10FP4A*	25.00	18.64	PT-143X	20HP4A/MP4	32.50	24.19
PT-112X	12KP4A*	25.00	18.48	PT-144X	20HP4D*	35.50	26.48
PT-113X	12LP4A	21.00	15.54	PT-145X	21ACP4A/BSP4/AMP4A*	36.50	28.06
PT-114X	14EP4/CP4/BP4	23.00	17.18	PT-146X	21ALP4B/ALP4A*	38.50	29.30
PT-115X	14HP4	24.50	18.29	PT-147X	21AP4	44.50	34.10
PT-116X	14QP4A*	27.50	20.44	PT-148X	21ATP4A/ATP4*	38.50	29.57
PT-117X	14RP4	27.50	20.44	PT-149X	21AVP4/AVP4	36.50	27.86
PT-118X	14BP4A*	30.00	22.44				
PT-119X	16AP4A*	30.50	22.56	PT-150X	21AVP4B/AVP4B/AVP4A/AVP4A*	39.50	30.35
PT-120X	16DP4A	27.00	20.01	PT-151X	21AWP4*	36.50	28.13
PT-121X	16CP4B	31.00	22.88	PT-152X	21AXP22A/AXP22*	127.00	98.50
PT-122X	16LP4A	28.00	20.60	PT-153X	21BTP4*	40.00	30.48
PT-123X	16RP4A/KP4	24.50	17.98	PT-154X	21CBP4A*	41.00	31.14
PT-124X	16RP4A/KP4A*	27.00	19.94	PT-155X	21CEP4*	41.50	31.78
PT-125X	16TP4	24.00	17.66	PT-156X	21CYP22*	127.00	98.50
PT-126X	16WP4A	29.00	21.58	PT-157X	21EP4A	31.50	23.74
PT-127X	17AVP4/ATP4	30.00	22.78	PT-158X	21EP4B*	34.50	25.70
PT-128X	17AVP4A/ATP4A	33.00	25.06	PT-159X	21FP4A	33.00	24.58
PT-129X	17BP4A	27.00	20.48				
PT-130X	17BP4B*	29.50	22.51	PT-160X	21FP4C*	36.00	26.80
PT-131X	17CP4	35.50	27.02	PT-161X	21MP4	46.50	35.53
PT-132X	17GP4	37.50	28.32	PT-162X	21WP4	46.50	35.53
PT-133X	17HP4/RP4	29.00	22.12	PT-163X	21WP4A*	37.00	28.52
PT-134X	17HP4B/RP4C*	32.00	24.40	PT-164X	21XPA*	39.00	29.29
PT-135X	17LP4/2p4	28.75	21.59	PT-165X	21YP4	35.00	26.88
PT-136X	17LP4A/VP4B*	31.75	23.81	PT-166X	21YP4A*	38.00	28.98
PT-137X	17QP4	26.75	20.21	PT-167X	21ZP4A	33.00	25.77
PT-138X	17QP4A*	30.25	22.51	PT-168X	21ZP4B*	36.50	27.73
PT-139X	17TP4	37.50	28.32	PT-170X	24ADP4/VP4A/CP4A/TP4*	55.25	42.19
PT-140X	19AP4B	37.00	28.00	PT-171X	24DP4A/YP4*	57.25	43.68
PT-141X	20DP4A/CP4A	30.50	23.01				

## RCA "SILVERAMA" ALL-NEW TUBES

The ultimate in picture tube perfection is offered by RCA in their "Silverama" tubes. These are All-New Premium tubes made and tested under the high quality standards of RCA engineers. \*Aluminized Screens. When ordering give stock number and type. See chart on this page for average shipping weights.

Stock No.	Type	List	Net Each	Stock No.	Type	List	Net Each
PT-20X	5TP4*	78.00	57.04	PT-61X	19AP4B	52.50	38.59
PT-21X	7JP4	29.50	21.69	PT-62X	20DP4A/CP4A	44.00	32.34
PT-22X	8DP4	32.00	23.52	PT-63X	20DP4C/CP4D*	48.00	35.28
PT-23X	10BP4A	26.50	19.48	PT-64X	20HP4A/MP4	45.50	33.45
PT-24X	10FP4A*	34.00	24.99	PT-65X	20HP4D*	50.00	36.75
PT-25X	12KP4A*	34.50	25.36	PT-66X	21ACP4A/BSP4/AMP4A*	49.50	36.39
PT-26X	12LP4A	30.00	22.05	PT-67X	21A1P4B/ALP4A*	51.50	37.86
PT-27X	14ATP4*	37.00	27.19	PT-68X	21AP4	60.00	44.10
PT-28X	14EP4/CP4/BP4	31.50	23.16	PT-69X	21ATP4A/ATP4*	52.00	38.22
PT-29X	14HP4	33.50	24.63	PT-70X	21AVP4/AVP4	49.00	36.02
PT-30X	14QP4A*	38.50	28.30	PT-71X	21AVP4B/AVP4B/AVP4A/AVP4A*	53.50	39.33
PT-31X	14RP4	37.50	27.57	PT-72X	21AWP4*	49.50	36.39
PT-32X	14RP4A*	41.00	30.13	PT-73X	21AXP22A	160.00	125.44
PT-33X	14WP4/ZP4*	37.50	27.57	PT-74X	21BTP4*	52.00	38.22
PT-34X	15GP22	160.00	125.44	PT-75X	21CBP4A*	52.50	38.6



# 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 come from the tube factory. We stock the leading brands—RCA, GE, Sylvania, Hytron and Westinghouse.

### 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. When you buy tubes from Lafayette you buy with confidence. Dependability is assured by continual and thorough testing of each tube in every stage of manufacture. Average shpg. wt. 4 oz., per 10 tubes, 2 1/2 lbs.

**NEW TYPES:** Lafayette will automatically stock all new types. If you don't find the type you need in this listing, do not hesitate to order it; we will ship it at our regular low prices.

**REPLACED TYPES:** When the original type is no longer available we will ship the newer, directly interchangeable version.



### DISCOUNTS UP TO 50/10/2%

Tubes may be assorted for quantity prices as shown in price columns. In lots of 50 or more tubes deduct an additional 10% from the second net price column.

TUBE TYPE	NET EACH IN LOTS OF			TUBE TYPE	NET EACH IN LOTS OF			TUBE TYPE	NET EACH IN LOTS OF			TUBE TYPE	NET EACH IN LOTS OF		
	LIST	1-5	6-49		LIST	1-5	6-49		LIST	1-5	6-49		LIST	1-5	6-49
OZ4	2.15	1.14	1.05	3D6	5.75	3.04	2.81	6AFA4	4.00	2.12	1.96	6B8B	3.75	1.98	1.84
OZ4A	2.15	1.14	1.05	3DK6	2.40	1.27	1.18	6AF6G	3.60	1.90	1.76	6B8U	2.80	1.48	1.37
OZ46	2.35	1.24	1.15	3DT6	2.20	1.17	1.08	6AG5	2.60	1.37	1.27	6B8V	3.20	1.70	1.57
1A3	3.05	1.62	1.49	31F4	4.20	2.22	2.06	6AG7	5.60	2.97	2.74	6B8W	1.85	.98	.91
1A5GT	3.20	1.70	1.57	3Q4	2.75	1.45	1.35	6AH4GT	3.30	1.74	1.62	6B8W8	3.30	1.74	1.62
1A7GT	3.70	1.96	1.81	3Q5GT	3.60	1.90	1.76	6AH6	4.60	2.43	2.25	6B8YGT	4.00	2.12	1.96
1AB5	5.70	3.12	2.79	3S4	2.45	1.29	1.20	6AK5	4.20	2.22	2.06	6BYSGA	4.20	2.22	2.06
1AF4	4.45	2.35	2.18	3V4	2.35	1.24	1.15	6AK6	2.90	1.54	1.42	6BY6	2.35	1.24	1.15
1AG4	4.25	2.25	2.08	4AU6	2.15	1.14	1.05	6AL5	1.85	.98	.91	6BY8	2.65	1.40	1.30
1AV5	3.20	1.70	1.57	4BC5	2.35	1.24	1.15	6AL7GT	5.75	3.04	2.81	6BZ6	2.25	1.19	1.10
1AX2	3.05	1.62	1.49	4BC8	4.05	2.15	1.98	6AM4	5.90	3.13	2.89	6BZ7	4.00	2.12	1.96
1B3GT	2.90	1.54	1.42	4BN6	3.05	1.62	1.49	6AMB	3.25	1.71	1.59	6BZ8	4.25	2.25	2.08
1C3GT	3.50	1.90	1.76	4BQ7A	4.00	2.12	1.96	6AM8A	3.25	1.71	1.59	6C4	1.85	.98	.91
1DN5	2.20	1.17	1.08	4B58	3.85	2.04	1.89	6AN4	4.95	2.62	2.43	6C5	3.00	1.59	1.47
1G3GT/1B3GT	2.90	1.54	1.42	4B8U	2.80	1.48	1.37	6AN8	3.50	1.85	1.71	6C5GT	2.90	1.54	1.42
1H2	3.05	1.62	1.49	4BZ6	2.25	1.19	1.10	6AQ5	2.15	1.14	1.05	6C6	4.35	2.30	2.13
1H5GT	3.05	1.62	1.49	4BZ7	4.05	2.15	1.98	6AQ5A	2.15	1.14	1.05	6CB6	5.10	2.69	2.50
1J3	2.90	1.54	1.42	4C86	2.30	1.22	1.13	6AQ6	2.20	1.17	1.08	6CA4	1.95	1.03	.96
1K1	2.90	1.54	1.42	4CE5/4B65	2.35	1.24	1.15	6AQ7GT	4.00	2.12	1.96	6CA5	2.50	1.32	1.22
1L4	2.65	1.40	1.30	4C56	2.35	1.24	1.15	6AR5	2.60	1.37	1.27	6CB5A	7.50	3.97	3.67
1L6	3.35	1.77	1.64	4CY5	2.85	1.51	1.40	6AR8	4.35	2.30	2.13	6CB6	2.25	1.19	1.10
1LA4	4.45	2.35	2.18	4DE6	2.50	1.32	1.22	6AS5	2.40	1.27	1.18	6CB6A	2.25	1.19	1.10
1LA6	4.10	2.17	2.01	4DT6	2.20	1.17	1.08	6AS8	3.30	1.74	1.62	6CD5G	5.80	3.06	2.84
1LB4	4.45	2.35	2.18	4E58	4.65	2.46	2.27	6AT6	1.90	1.01	.93	6CD6GA	5.80	3.06	2.84
1LC5	4.05	2.15	1.98	4EW6	2.35	1.24	1.15	6AT8	3.20	1.70	1.57	6CE5	2.35	1.24	1.15
1LC6	4.10	2.17	2.01	5AM8	3.30	1.74	1.62	6AT8A	3.20	1.70	1.57	6CE5/6BC5	2.35	1.24	1.15
1LD5	4.25	2.25	2.08	5AN8	3.55	1.88	1.74	6AU4GT	3.35	1.77	1.64	6CF6	2.55	1.35	1.25
1LE3	4.25	2.25	2.08	5AQ5	2.20	1.17	1.08	6AU4GTA	3.35	1.77	1.64	6CG7	2.45	1.29	1.20
1LG5	4.05	2.15	1.98	5AS4A	2.10	1.11	1.03	6AU5GT	4.30	2.27	2.11	6CG8	3.15	1.67	1.54
1LH4	3.95	2.09	1.93	5AS8	3.40	1.80	1.66	6AU6	2.10	1.11	1.03	6CG8A	3.15	1.67	1.54
1N5	3.95	2.09	1.93	5AT8	3.25	1.71	1.59	6AU6A	2.10	1.11	1.03	6CH8	3.60	1.90	1.76
1NSGT	3.65	1.93	1.79	5AU4	3.40	1.80	1.66	6AU8	3.50	1.85	1.71	6CK4	2.80	1.48	1.37
1PSGT	3.50	1.85	1.71	5AU4A	3.40	1.80	1.66	6AU8A	3.50	1.85	1.71	6CL5	8.75	4.63	4.33
1Q5GT	4.05	2.15	1.98	5AV8	4.05	2.14	1.98	6AV5GA	3.80	2.01	1.86	6CL6	3.15	1.67	1.54
1R4/1294	2.75	1.93	1.84	5AW4	2.80	1.48	1.37	6AV6	1.65	.87	.80	6CL8	3.15	1.67	1.54
1R5	2.55	1.35	1.25	5AZ4	2.65	1.40	1.30	6AW8A	3.55	1.88	1.74	6CL8A	3.15	1.67	1.54
1S2A	3.00	1.59	1.47	5B8	3.90	2.07	1.91	6AX4GT	2.65	1.40	1.30	6CM6	2.55	1.35	1.25
1S4	3.65	1.93	1.79	5B8E	3.30	1.74	1.62	6AX4GTA	2.65	1.40	1.30	6CM7	2.75	1.45	1.35
1S5	2.55	1.35	1.25	5BK7A	3.40	1.80	1.66	6AX4GTB	2.65	1.40	1.30	6CM8	3.55	1.88	1.74
1T4	2.40	1.27	1.18	5BQ7A	4.00	2.12	1.96	6AX5GT	2.90	1.54	1.42	6CN7	2.60	1.37	1.27
1U4	2.35	1.24	1.15	5BR8	3.30	1.74	1.62	6AX8	3.50	1.85	1.71	6CQ8	3.30	1.74	1.62
1U5	2.05	1.09	1.00	5BT8	3.30	1.74	1.62	6AZ8	4.20	2.22	2.06	6CR6	2.40	1.27	1.18
1U6	3.50	1.85	1.71	5BW8	3.40	1.80	1.66	6B8	5.15	2.72	2.52	6CS6	2.35	1.24	1.15
1V	3.65	1.93	1.79	5CG8	3.70	1.70	1.57	6BA6	2.00	1.06	.98	6CS7	2.80	1.48	1.37
1V2	2.00	1.06	.98	5CL8	3.15	1.67	1.54	6BA7	3.65	1.93	1.79	6CUS	2.35	1.24	1.15
1V6	3.90	2.07	1.91	5CLR8A	3.15	1.67	1.54	6BA8A	3.55	1.88	1.74	6CU6	4.35	2.30	2.13
1X2A	3.05	1.62	1.49	5CM8	3.55	1.88	1.74	6BC4	4.80	2.54	2.35	6CUB	3.65	1.93	1.79
2A3	6.30	3.33	3.09	5CQ8	3.35	1.77	1.64	6BC5	2.30	1.22	1.13	6CUB8	3.65	1.93	1.79
2A6	3.65	1.93	1.79	5D25	2.85	1.51	1.40	6BC7	3.80	2.01	1.86	6CYS	2.75	1.45	1.35
2A7	3.65	1.93	1.79	5DH8	4.05	2.15	1.98	6BC8	3.95	2.09	1.93	6CZ5	2.80	1.48	1.37
2AF4A	4.05	2.15	1.98	5EAB	3.15	1.67	1.54	6BD4A	22.35	11.84	10.95	6D6	4.35	2.30	2.13
2AF4B	4.05	2.15	1.98	5EU8	3.20	1.70	1.57	6BD5GT	4.85	2.57	2.38	6D8G	3.50	1.85	1.71
2B3	2.90	1.54	1.42	5J6	2.80	1.48	1.37	6BD6	2.30	1.22	1.13	6DA4	2.70	1.43	1.32
2B4	2.55	1.35	1.25	5T4	7.95	4.20	3.90	6BE6	2.20	1.17	1.08	6DB5	2.95	1.54	1.44
2B4A	2.55	1.35	1.25	5T8	3.40	1.80	1.66	6BF5	3.55	1.88	1.74	6DB6	2.05	1.09	1.00
2CY5	2.80	1.48	1.37	5U4G	2.00	1.06	.98	6BF6	1.80	.95	.88	6DC6	2.75	1.45	1.35
2E A5	2.80	1.48	1.37	5U4G8	2.10	1.11	1.03	6BC6G	6.50	3.44	3.18	6DE4	2.80	1.48	1.37
2E N5	1.85	.98	.91	5U8	3.30	1.74	1.62	6BC6GA	6.50	3.44	3.18	6DE6	2.45	1.29	1.20
2E R5	2.90	1.54	1.42	5V3	3.65	1.93	1.79	6BH6	2.70	1.43	1.32	6DE7	2.95	1.56	1.44
3A2	3.60	1.90	1.76	5V46A	3.30	1.74	1.62	6BH8	3.50	1.85	1.71	6DG6GT	2.50	1.32	1.22
3A3	3.40	1.80	1.66	5V6GT	2.20	1.17	1.08	6BJ6	2.60	1.37	1.27	6DK6	2.35	1.24	1.15
3AF4A	4.05	2.15	1.98	5X4G	2.95	1.56	1.44	6BJ7	2.95	1.56	1.44	6DN6	6.25	3.30	3.06
3AL5	1.85	.98	.91	5X8	3.25	1.71	1.59	6BJ8	2.90	1.54	1.42	6DN7	3.50	1.85	1.71
3AU6	2.15	1.14	1.05	5Y3GT	1.75	.93	.86	6BK4	7.10	3.75	3.48	6DQ5	7.65	4.10	3.75
3AV6	1.75	.93	.86	5Y4GA	2.35	1.24	1.15	6BK5	3.50	1.85	1.71	6DQ6A	4.15	2.20	2.03
3B2	6.25	3.30	3.06	5Y4GT	2.35	1.24	1.15	6BK7A	3.40	1.80	1.66	6DR7	2.95	1.56	1.44
3B7	6.85	3.63	3.35	5Z3	3.05	1.62	1.49	6BK7B	3.35	1.77	1.64	6DS5	2.65	1.40	1.30
3BA6	2.15	1.14	1.05	5Z4	4.95	2.62	2.43	6BL4	6.50	3.44	3.18	6DT5	2.95	1.56	1.44
3BC5	2.30	1.22	1.13	6A7	4.60	2.43	2.25	6BL7GTA	3.95	2.09	1.93	6DT6	2.15	1.14	1.05
3BE6	2.25	1.19	1.10	6A8	5.25	2.68	2.47	6BN4	2.50	1.32	1.22	6DT8	3.75	1.98	1.84
3BN4	2.55	1.35	1.25	6ABG	4.75	2.51	2.33	6BN4A	2.50	1.32	1.22	6DW5	3.05	1.62	1.49
3BN6	3.00	1.59	1.47	6ABGT	4.75	2.51	2.33	6BN6	3.00	1.59	1.47	6E5	3.00	1.59	1.47
3B8U	2.80	1.48	1.37	6AB4	2.15	1.14	1.05	6BN8	2.70	1.43	1.32	6EA5	2.80	1.48	1.37
3BY6	2.35	1.24	1.15	6AB5/6AN5	3.70	1.96	1.81	6BQ5	2.35	1.24	1.15	6EA7	3.50	1.85	1.71
3BZ6	2.30	1.22	1.13	6AB7	5.50	2.91	2.70	6C6GA	4.35	2.30	2.13	6EAB	3.15	1.67	1.54
3CB6	2.25	1.19	1.10	6AC5GT	4.35	2.30	2.13	6BQ6GTB/6CU	4.35	2.30	2.13	6EB5	2.75	1.45	1.35
3CE5/3BC5	2.35	1.24	1.15	6AC7	4.65	2.46	2.27	6BQ6GTA	4.35	2.30	2.13	6EB8	3.70</		

## RECEIVING TUBES (cont.)

TUBE TYPE	LIST	NET EACH IN LOTS OF		TUBE TYPE	LIST	NET EACH IN LOTS OF		TUBE TYPE	LIST	NET EACH IN LOTS OF		TUBE TYPE	LIST	NET EACH IN LOTS OF	
		1-5	6-49			1-5	6-49			1-5	6-49			1-5	6-49
6X4	1.65	.87	.80	10E67	2.95	1.56	1.44	12D4	2.75	1.45	1.35	13DE7	3.00	1.59	1.47
6X5GT	2.05	1.09	1.00	10EG7	3.15	1.67	1.54	12D85	2.75	1.45	1.35	13DR7	3.00	1.59	1.47
6X8	3.15	1.67	1.54	11CY7	3.00	1.59	1.47	12DE8	3.35	1.77	1.64	14A4	3.95	2.09	1.93
6Y6	4.50	2.38	2.20	12A4	2.55	1.35	1.25	12DF7	2.50	1.37	1.27	14A5	5.85	3.10	2.87
6Y6GA	3.45	1.82	1.69	12A6	4.35	2.30	2.13	12DK7	4.85	2.51	2.40	14A7	3.50	1.85	1.71
6Y6GT	3.45	1.82	1.69	12ABG	4.75	2.51	2.33	12DL8	4.05	2.15	1.98	14AF7	3.80	2.01	1.86
7A4	3.25	1.71	1.59	12ABGT	4.75	2.51	2.33	12DO6A	4.70	2.22	2.06	14B6	3.30	1.74	1.62
7A4/XXL	3.25	1.71	1.59	12AB5	2.45	1.29	1.20	12DQ7	3.30	1.74	1.62	14B8	3.60	1.90	1.76
7A5	3.85	2.04	1.89	12AC6	2.70	1.17	1.08	12DS7	3.40	1.80	1.66	14C5	4.05	2.15	1.98
7A6	3.15	1.67	1.54	12AD6	2.40	1.27	1.18	12DT5	3.05	1.62	1.49	14C7	3.35	1.77	1.64
7A7	3.50	1.85	1.71	12AE6	2.05	1.09	1.00	12DT8	3.75	1.98	1.84	14E6	3.95	2.09	1.93
7A8	4.45	2.35	2.18	12AE6A	2.05	1.09	1.00	12DU7	3.15	1.67	1.54	14F7	3.85	2.04	1.89
7AD7	6.45	3.41	3.15	12AF7	3.55	1.88	1.74	12DV7	2.75	1.45	1.35	14F8	4.60	2.43	2.25
7AF7	3.85	2.04	1.89	12AF3	2.90	1.54	1.42	12DV8	3.55	1.88	1.74	14J7	5.10	2.17	2.01
7AG7	3.85	2.04	1.89	12AF6	2.25	1.19	1.10	12DY8	3.55	1.88	1.74	14K7	3.80	2.01	1.86
7AH7	3.85	2.04	1.89	12AF8	2.35	1.24	1.15	12DZ6	2.50	1.33	1.22	14O7	4.10	2.17	2.01
7AU7	2.60	1.37	1.27	12AF8GT	3.80	2.01	1.86	12EA6	2.65	1.40	1.30	14R7	5.15	2.72	2.52
7B4	3.05	1.62	1.49	12AJ6	2.05	1.09	1.00	12EC8	3.30	1.74	1.62	14S7	4.60	2.43	2.25
7B5	4.75	2.51	2.33	12AL5	1.90	1.01	.93	12ED5	2.50	1.32	1.22	14W7	4.75	2.51	2.33
7B6	3.25	1.71	1.59	12AL8	4.25	2.25	2.08	12EG6	2.30	1.22	1.13	14X7	3.80	2.01	1.86
7B7	3.30	1.74	1.62	12AOS	2.60	1.37	1.27	12EH5	2.35	1.24	1.15	14Y4	3.50	1.85	1.71
7B8	3.55	1.88	1.74	12AT6	1.85	.98	.91	12EK6	2.50	1.32	1.22	17AV5GA	3.85	2.04	1.89
7C4	5.00	2.65	2.45	12AT7	3.05	1.62	1.49	12EL6	1.75	.93	.86	17AX4GT	2.70	1.43	1.32
7C5	3.35	1.77	1.64	12AU6	2.15	1.14	1.05	12EM6	2.90	1.54	1.42	17BQG7B	4.60	2.43	2.25
7C6	3.30	1.74	1.62	12AU7	2.45	1.29	1.20	12EN6	3.05	1.62	1.49	17C5	2.35	1.24	1.15
7C7	3.05	1.62	1.49	12AU7A	2.45	1.29	1.20	12F5GT	3.15	1.67	1.54	17D4	2.75	1.45	1.35
7E5	4.05	2.15	1.98	12AV5GA	3.85	2.04	1.89	12F8	2.85	1.51	1.40	17DE4	2.85	1.51	1.40
7E6	4.05	2.15	1.98	12AV6	1.65	.87	.80	12FK6	2.10	1.11	1.03	17DO6A	4.20	2.22	2.06
7E7	4.45	2.35	2.18	12AV7	3.20	1.70	1.57	12FM6	2.05	1.09	1.00	17H3	2.15	1.14	1.05
7EY6	3.00	1.59	1.47	12AW6	3.00	1.59	1.47	12G08	3.25	1.71	1.59	17R5	2.60	1.37	1.27
7F7	3.65	1.93	1.79	12AX4GT	2.70	1.43	1.32	12H6	3.05	1.62	1.49	18A5	4.10	2.17	2.01
7F8	4.60	2.43	2.25	12AX4GTB	2.70	1.43	1.32	12J5	2.80	1.48	1.37	18FW6	2.00	1.06	.98
7G7	4.00	2.12	1.96	12AX7	2.55	1.35	1.25	12J5GT	2.70	1.43	1.32	18FX6	2.15	1.14	1.05
7H7	3.90	2.07	1.91	12AX7A	2.55	1.35	1.25	12J7GT	4.20	2.22	2.06	18FY6	1.65	.87	.80
7J7	5.17	2.72	2.52	12AY7	5.00	2.65	2.45	12J8	3.30	1.74	1.62	19AV4	3.50	1.85	1.71
7K7	4.45	2.35	2.18	12AZ7	2.75	1.45	1.35	12K5	2.75	1.45	1.35	19AU4GTA	3.45	1.82	1.69
7L7	4.25	2.25	2.08	12AZ7A	2.75	1.45	1.35	12K5	2.75	1.45	1.35	19B6G6	6.50	3.44	3.18
7M7	3.40	1.80	1.66	12BA4	2.70	1.43	1.32	12K7GT	4.05	2.15	1.98	19B6GA	6.50	3.44	3.18
7Q7	4.10	2.17	2.01	12BA6	2.00	1.06	.98	12K8	5.25	2.68	2.47	19C8	4.45	2.35	2.18
7R7	5.15	2.72	2.52	12BA7	3.95	2.09	1.93	12L6GT	2.50	1.32	1.22	19J6	3.15	1.67	1.54
7S7	4.75	2.51	2.33	12BD6	2.25	1.19	1.10	12Q7GT	3.30	1.74	1.62	19T8	3.35	1.77	1.64
7V7	4.65	2.46	2.27	12BE6	2.15	1.14	1.05	12R5	2.60	1.37	1.27	19V8	3.90	2.07	1.91
7W7	4.75	2.51	2.33	12BF6	2.10	1.11	1.03	12SA7	3.70	1.96	1.81	19X8	3.70	1.96	1.81
7X6	3.30	1.74	1.62	12BH7A	3.05	1.62	1.49	12SA7GT	3.25	1.71	1.59	21EX6	5.55	2.94	2.72
7X7	5.85	3.10	2.87	12BK5	3.80	2.01	1.86	12SC7	3.65	1.93	1.79	24A	4.15	2.20	2.03
7Y4	2.75	1.45	1.35	12BL6	2.30	1.22	1.13	12SF5	3.05	1.62	1.49	25AV5GA	4.25	2.25	2.08
7Z4	2.75	1.45	1.35	12BN6	3.05	1.62	1.49	12SF5GT	3.20	1.70	1.57	25AX4GT	2.90	1.54	1.42
8AU8	3.55	1.89	1.74	12BQ6GA	4.45	2.35	2.18	12SF7	4.25	2.30	2.13	25BK5	3.65	1.93	1.79
8AW8A	3.70	1.96	1.81	12BQ6GTA	4.45	2.35	2.18	12SG7	4.05	2.15	1.98	25BQ6GA	4.60	2.43	2.25
8BA8A	3.65	1.93	1.79	12BQ6GTB/12C06	4.45	2.35	2.18	12SH7	4.00	2.12	1.96	25BQ6GT	4.60	2.43	2.25
8B8B	3.55	1.88	1.74	12C06	2.60	1.37	1.27	12SJ7	3.55	1.88	1.74	25BQ6GT/25C06	4.60	2.43	2.25
8B8B	2.95	1.56	1.44	12C07	3.05	1.62	1.49	12SJ7GT	3.20	1.70	1.57	25C5	2.15	1.14	1.05
8BQ5	2.40	1.27	1.18	12C0W4	1.75	.93	.86	12SK7	3.40	1.80	1.66	25CA5	2.50	1.32	1.22
8C07	2.50	1.32	1.22	12C07A	3.05	1.62	1.49	12SK7GT	3.05	1.62	1.49	25CD6GB	5.85	3.10	2.89
8CM7	2.85	1.51	1.40	12C07B	3.05	1.62	1.49	12SL7GT	3.75	1.98	1.84	25CU6	4.60	2.43	2.25
8CN7	2.60	1.37	1.27	12C5	2.35	1.24	1.15	12SNGT	2.70	1.43	1.32	25D06/25BQ6GT	4.60	2.43	2.25
8CS7	2.95	1.56	1.44	12C5/12C5S	2.35	1.24	1.15	12SN7GTA	2.70	1.43	1.32	25DN6	5.55	2.94	2.72
8CX8	3.70	1.96	1.81	12CA8	6.20	3.28	3.04	12SO7	3.15	1.67	1.54	25EC6	5.70	3.02	2.79
8EB8	3.75	1.98	1.84	12CB5	2.50	1.32	1.22	12S07GT	2.65	1.40	1.30	25EH5	2.30	1.22	1.13
8EM5	3.10	1.64	1.52	12CNS	2.25	1.19	1.10	12SR7	3.05	1.62	1.49	25F5	2.35	1.24	1.15
8SN7GTB	2.65	1.40	1.30	12CR6	2.40	1.27	1.18	12U7	2.50	1.32	1.22	25L6	6.40	3.39	3.14
9AU7	2.60	1.37	1.27	12CS6	2.20	1.17	1.08	12V6GT	2.15	1.14	1.05	25L6GT	2.25	1.19	1.10
9B7	2.65	1.40	1.30	12CT8	4.05	2.15	1.98	12W6GT	3.00	1.59	1.47	25W4GT	2.70	1.43	1.32
9CL6	3.15	1.67	1.54	12CUS/12CS	2.35	1.24	1.15	12X4	1.90	1.01	.93	25W6GT	3.10	1.64	1.52
9UBA	3.30	1.74	1.62	12CU6	4.45	2.35	2.18	12Z4	1.90	1.01	.93	25Z5	2.90	1.54	1.42
10C8	4.25	2.25	2.05	12CX6	2.50	1.32	1.22	12Z3	3.50	1.85	1.71				

### JR. TUBE CADDY



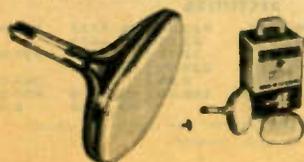
Here's a real value in a portable caddy. Holds up to 143 tubes. Unique break-away section makes everything quickly available. Has compartment designed for carrying instruments and large tools and a 3 section compartment for smaller tools, wire solder, etc. Wood case with plastic coated fabric covering measures 15" W x 12 1/2" H x 8" D. Shpg. wt., 10 lbs. **ML-75** Net 8.77

### SR. TUBE CADDY



Holds up to 262 tubes. Also large compartments provided to store instruments, tools. Popular design gives quick access to all sections. Ruggedly constructed with wood and covered by durable gray plaid. Size 21" W x 15" H x 8" D. Shpg. wt., 11 1/2 lbs. **ML-112** Net 12.10

### NEW! SYLVANIA 110° PORTABLE CHECK CRT



Portable CRT (8YP4), compact, light universal 110° check tube. Features automatic self-focusing and a non-lag trap construction. Simply connected, safe without external conductive coating. Accessory socket adaptor and plastic cross-hatch permit testing all 110° receivers. Can be used to check CRT's with 6.3V-600 ma, 6.3V-450 ma or 8.4V-450 ma. Only 8-11/16" long and about 2 lbs. In protective carrying carton with handle. **SYLVANIA 8YP4 110° CHECK CRT P1-205X** Net 28.91

### HIGH FIDELITY TUBES MULLARD

Premium quality tubes for minimum noise, and least possible feed back. Low last, long life, and the widest frequency response. They are widely used by Hi-Fi equipment manufacturers. The critical audiophile is now using them to replace conventional tube types. Several types are available in matched pairs. These are precisely balanced for use in push-pull output stages. Tube types are directly interchangeable with equivalent types listed.

TUBE TYPE	EQUIV. TYPE	NET EACH	TUBE TYPE	EQUIV. TYPE	NET EACH
DM70	1M3	1.05	EK90	6BE6	1.23
EA8C80	6AK8	1.92	EL34	6CA7	3.36
EB91	6AL5	.95	EL34 (M.P.)	6CA7	7.25
EBC90	6AT6	1.01	5881-616	3.11	
EBC91	6AV6	.87	EL37 (M.P.)	5881-616	6.75
EBCF89	6DC8	1.76	EL38	6CN6	3.68
EC90	6C4	1.58	EL84	6BQ5	1.25
EC95	6ER5	1.89	EL64 (M.P.)	6BQ5	2.84
ECC33		2.60	EL86	6CW5	1.55
ECC81	12AT7	1.55	EL90	6AQ5	1.17
ECC82	12AU7	1.28	EM81	6DA5	1.41
ECC83	12AX7	1.28	EM84	6FG6	1.41
ECC85	6AQ8	1.41	EZ80	6V4	.81
ECC91	6J6	1.44	EZ81	6CA4	1.14
ECCF80	6BL8	2.06	EZ90	6X4	.87
ECCF82	6U8	1.71	GZ32		1.95
ECH81	6AJ8	1.85	GZ34	5V4GB	2.28
ECL82	6BM8	1.62	HBC90	12AT6	1.01
EF86	6Z67	1.35	HBC91	12AV6	.87
EF93	6BA6	1.08	HF93	12BA6	.98
EF94	6AU				

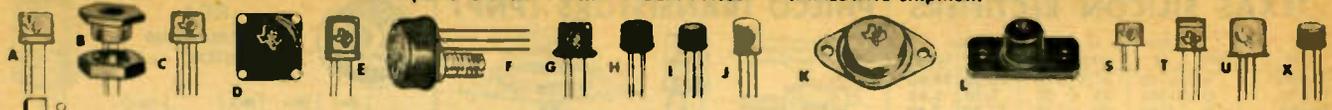
# SPECIAL PURPOSE TUBES

RCA-GE-RAYTHEON-SYLVANIA  
AMPEREX-MACHLETT-CBS-EIMAC  
CHATHAM-WESTINGHOUSE

TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net
C1K/6014	12.90	4X150A	33.15	627	27.00	1818P1	850.00	5727/2021W	2.80	6189/	6571	7035/	
C3J/5632	14.10	4X1500	33.15	629	16.50	1818P11	1350.00	5728	53.50	12AU7-WA	3.70	6626/0A2-WA	4.45
C3JA/5684	19.80	4X500A	121.00	632B	36.00	1818P27	850.00	5734	18.00	6197	2.80	6655A	60.00
C6J/5C21	28.90	SABP1	29.70	672A	39.88	1946	13.45	5736	170.00	6198	220.00	6660/6BA6	1.01
C6JA/5685	29.30	SABP2	36.85	673	20.15	1947	15.95	5740	209.00	6199	5.75	6661/6BH6	1.32
0A2	1.26	SBP1-A	25.85	676	58.00	1949	13.95	5749	2.05	6201	2.20	6662/6BJ6	1.86
0A2-WA	3.65	SCP1-A	21.45	677	58.00	1950	10.50	5749/6BA6W	2.05	6202	2.85	6663/6AL5	5.2
0A3	1.27	SCP7-A	31.50	GL-729	47.00	2020	85.00	5750	3.45	6203	4.10	6669/6AQ5-A	1.05
0A4-G	1.68	SC24	45.00	Z-729	2.95	2022	3.50	8750/6B+6W	3.45	6205	6.40	6677/6CL6	1.76
0A5	6.96	SFP4-A	41.60	801A	10.90	2039	41.650.00	5751	2.85	6206	8.55	6678/6UBA	1.57
										6211	2.40		
0B2	1.32	SOP4-A	67.70	802	10.90	2041	9.000.00	5751WA	2.85	6217	72.00	6679/12AT7	1.46
0B2-WA	2.85	SRA-CV	1.90	803	41.80	2050	1.85	CK5755	10.40	6228	3697.25	6680/12AU7A	1.19
0B3	1.65	SRA-CVA	1.90	804	27.20	4009	1.755.00	5762/7C24	230.00	CK6247	11.20	6681/12AX7	5.00
0C2	1.40	SRA-CVB	1.90	805	20.10	4010	1.755.00	5763	2.37	6251	2300.00	6694A	5.60
0C3	1.27	SUP1	14.25	807	3.00	4011	1.265.00	5770	995.00	6263	19.80	6802	11.43
0D3	1.27	SUP7	25.75	809	7.40	K4330	29.10	5771	660.00	6264	18.00	6807	29.30
0C3/85A2	2.00	SY3WGTB	5.75	810	25.65	KS13	467.25	5777	135.25	6265	4.10	6808	29.40
KC10	850.00	SACT-W	3.95	811A	6.90	KS517	7.95	5783	4.25	6133	6.40	6809	59.00
1A04	2.80	SACTWA	5.70	812A	6.90	CK5817	3.80	CK5783WA	8.30	6299	56.03	6810A	225.00
1AE4	4.50	SACT-Y	2.65	813	21.10	5518	890.00	5786	165.00	6328	11.90	6814	2.90
1AC4	3.05	6AJ5	3.95	814	23.60	5544	32.50	CK5787	5.00	6336	18.90	6816	60.00
1AG5	2.05	6AK6	1.40	815	23.60	GL5549	463.50	CK5787WA	10.80	6336A	20.10	6825	6.10
						5550	49.00	5788	476.25	6342A	60.10	6849	1425.00
1AH4	1.35	6AN5	3.75	816	2.95	5551A	65.00	WLS796	17.25	6346	70.00	6850	18.00
1AJ5	1.85	6AS6	3.15	828	27.45								
1B85	1.65	6AS7-G	4.85	829-B	19.00	5552A	99.00	5814A	3.50	6347	104.00	6856/740	19.40
1C21	3.85	6AS7CA	4.65	830-B	15.75	5553B	245.00	5814WA	3.20	6348	250.00	6857/740P	20.10
1D21/5W4	7.10	6Au6-WA	2.80	832-A	15.90	5554	195.00	5819	56.50	6350	2.35	6858/760	28.50
GL-1L21	25.00	6AU6WB	8.30	834	55.00	5555	316.00	5820	1200.00	6360	4.00	6859/760P	29.40
GL-1L31	26.00	6C4W	2.80	836	10.15	5556	21.00	5822A	116.00	6372	365.00	6860/C6J/F	29.40
GL-1L33	46.00	6B77W	4.20	837	8.65	5557	8.65	5823	1.55	6383	135.00	6861	940.00
GL-1L36	18.50	6D4	2.85	845	20.80	5558	17.50	5824	3.60	6386	7.40	6865A	1525.00
GL-1L38	33.25	6F4	3.25	851	23.55	5559	23.55	5825	20.85	6397	27.00	6865B	1480.00
1P21	54.50	6J4	3.93	857B	240.00	5560	33.00	CK5829	4.20	6405/1640	7.30	6863	73.25
1P22	14.75	6J4-WA	5.35	862A	1713.25	5561	45.75	5830	320.00	6414	6.70	6864	60.00
1P28	27.30	6J6-WA	6.15	866A	2.90	5563A	50.00	5840	6.25	6417	2.37	6867	1.25
1P29	4.65	6S1Y	5.35	868	3.75	5564	740.00	5844	2.30	CK6418	3.05	6893	4.45
1P37	3.75	6S17WGT	2.55	869B	16.90	5575/100	237.00	5845	70.00	CK6419	4.20	6894	25.00
1P39	2.15	6S17WA	2.85	870A	1924.00	5582	3.40	5846	14.25	CK6437	347.00	6895	25.00
1P40	3.60	6S17WGT	2.34	872A	10.65	5585	5.30	5867A	20.55	6442	47.02	6897	32.15
1P41	3.80	6X4WA	2.85	878	16.70	5583	4.90	CK5879	1.75	6463	2.05	6903	370.00
1P42	13.75	6X6WGT	1.51	880	895.00	5584	5.90	CK5886	5.00	6472	12.40	6907	27.00
1V6	1.90	6V6CTV	1.45	884	1.85	5588	190.00	CK5889	12.45	6476	13.37	6914	145.00
1Z2	6.40	7AK7	7.45	885	2.00	5592	1415.00	5893	19.15	6485	2.05	6914A	145.00
2AP1-A	15.75	7BP7-A	37.85	889	221.00	5593	270.00	GL5894	25.00	6511	156.90	6919	1.35
2BP1	19.05	7BP1/7VP1	81.01	891	29.00	5610	1.08	5895	6.55	6512	259.80	6929	175.00
2BP11	20.60	7TP4	62.40	892	290.00	5618	4.94	5899	6.55	6513	347.00	6930/635P	14.40
2B22	23.80	7VP1	28.60	892B	455.00	5620	22.25	5902	5.75	6514	509.00	6942	855.00
2B23	48.55	8MP4	42.90	902A	17.95	5621	25.50	5915	1.55	6515	1091.50	6949	22,220.00
2C39-A	22.50	9C21	1285.00	908A	22.55	5623	25.00	5932	11.30	CK6519	3.43	6953	3.00
2C39-B	32.15	105P4	74.75	917	5.50	5625	225.00	5933	12.35	6521	545.00	6957	3.70
2C39-WA	30.00	12A6	2.30	918	4.30	5626	78.75	WL5934	20.50	6524	16.00	7008	1970.00
2C40	10.55	12AT7WA	2.80	920	5.50	5627	72.25	5943	130.00	6525	2.15	7025/12AX7	2.90
2C42	23.45	12AT7WB	2.80	920	6.40	5628	5.50	5943	1.40	6562	8.25	7034	605.00
2C43	24.55	14UP4	70.00	921	3.45	5629	45.50	5964	1.40	6570	9.10	/4X150A	36.50
2C46	23.90	KY21A	25.00	922	3.00	5630	1620.00	5965	2.37				
2O21	1.22	KX21A	24.00	923	3.30	5636	7.80	GL5973	478.80				
2O21-W	2.80	26C6	2.15	925	3.65	5639	6.55	CK5975	4.20				
2E24	5.20	26D6	3.25	926	3.75	5642	3.40	RS5976	68.00				
2E26	3.85	FC27A	40.25	927	3.75	5647	8.45	6008	3.67				
2E30	2.95	2807	2.55	928	5.25	5651	1.78	6005/6AQ5-W	3.70				
2E31	3.35	35T	20.00	929	2.00	CK5651WA	4.20	6AQ5-W/6095	3.70				
2E32	3.35	KT-61	3.75	930	3.00	6S15WA	4.10	GL6011/7L0	13.00				
2E36	5.81	KT-61mp	pr. 8.50	931A	11.00	5652	6.65	6012	7.10				
2E3H21	270.00	KK61	4.20	931VA	11.55	5653	1.95	GL6019	751.75				
2K26	5.20	39A4	3.40	932	6.54	5654	3.20	6021	4.80				
CK3	627.00	KT66MP	pr. 8.75	935	10.85	5654/6AK5W	3.20	6026	2.40				
2K2-A	2.90	FG81A	27.77	934	8.25	5654/6AK5W	4.35	6032	122.00				
						WLS668	307.00	6032-A	130.00				
WL3B22/C	9.80	83	1.57	958	4.95	5670	8.75	GL6039	1117.50				
3A	1.20	KT98	4.95	956	8.75	5670WA	3.90	6046	1.55				
3A5	1.62	KT98MP	pr. 11.65	957	5.95	5671	1335.00	6072	4.70				
3AP1-A	25.50	FG97	56.50	958A	9.75	CK5672	2.27	6073	3.00				
3B24W	10.55	FG98A	71.43	959	10.50	5674	209.00	6073/OA2	3.00				
3B25	7.75	GL-100TH	20.50	991	.87	5675	14.50	6074	3.45				
3B28	6.00	105	53.33	1000Y	137.50	CK5676	3.05	6074/OB2	3.45				
3BP1-A	18.60	FG154	88.75	CK1006	6.03	5679	1.35	6080	5.25				
3C23	11.98	172	82.35	CK1020	11.86	5681	1780.00	6080	11.40				
3CX100A5	32.15	22C	15.50	CK1021	11.86	5686	3.37	6082	5.30				
3D22-A	21.25	350TH	33.00	CK1026	3.50	5688	4.25	6087	5.75				
3E29	19.00	FC-280	78.40	CK1038	8.30	5687	4.25	6087	5.75				
3JP1	21.90	5A-309	20.00	R1130B	20.40	2687WA	4.28	CK6088	2.75				
3JP7	25.00	304TH	60.50	R1131C									

# LAFAYETTE - SEMI CONDUCTOR HEADQUARTERS

• Complete Current Stock • OEM Prices • IMMEDIATE shipment



## TEXAS INSTRUMENTS

**COLUMN HEADINGS:** PC=Collector Dissipation in watts at 25°C ambient temperature; hfe=AC current transfer ratio, minimum except †=typical. Ic=maximum collector current; BVCEO=Collector breakdown voltage; fab=alpha cutoff frequency, typical except ††=minimum. \*See case outlines at top of page. Average shpg. wt., 2 oz.

### GERMANIUM TRANSISTORS

#### COMPUTER

Type	Case Type*	Pc w	BV CBO	Ic	hfe	fab mc	NET	1-99	100-999
2N195	X	150	-30	250	20†	4.5	3.10	1.95	
2N196	X	150	-30	250	30†	8.0	4.75	2.95	
2N197	X	150	-30	250	40†	12.0	8.10	5.05	
2N198	X	150	-30	250	50†	16.0	10.00	6.50	
2N199	X	150	-30	250	60†	20.0	12.00	8.00	
2N1302**	S	300	-25	300	20	4.5	3.05	1.90	
2N1303	S	300	-30	300	20	4.5	3.05	1.90	
2N1304**	S	300	-25	300	40	8	4.50	2.80	
2N1305	S	300	-30	300	40	8	4.50	2.80	
2N1306**	S	300	-25	300	60	12	6.25	3.90	
2N1307**	S	300	-30	300	60	12	6.25	3.90	
2N1308**	S	300	-25	300	80	20	8.90	5.55	
2N1309	S	300	-30	300	80	20	8.90	5.55	

#### HIGH FREQUENCY

Type	Case Type*	Pc w	BV CBO	Ic	hfe	NET	1-99	100-999
2N251et	C	0.25	-15	-2	65†	200	24.00	15.00
2N248	A	0.30	-25	-5	20†	500	4.90	3.04
2N1141	S	750	-35	-100		750	133.60	83.50
2N1142	S	750	-30	-100		600	31.20	19.90
2N1143	S	750	-25	-100		480	16.00	10.00
2N1195	X	750	-30	-40	24	750	47.50	29.70

#### RADIO FREQUENCIES

Type	Case Type*	Pc w	BV CBO	Ic	hfe	NET	1-99	100-999
2N252	I	0.30	-16	-5	Conv.	2.60	1.60	
2N308	I	0.30	-20	-5	IF	2.60	1.60	
2N309	I	0.30	-20	-5	IF	2.60	1.60	
2N310	I	0.30	-30	-5	IF	2.60	1.60	
2N1107	A	0.30	-16	-5	RF	3.20	2.00	
2N1108	A	0.30	-16	-5	Conv.	2.60	1.60	
2N1109	A	0.30	-16	-5	OSC	2.10	1.30	
2N1110	A	0.30	-16	-5	IF	2.60	1.60	
2N1111	A	0.30	-20	-5	IF	2.60	1.60	
2N1112	A	0.30	-20	-5	Reflex.	2.60	1.60	
2N1113	A	0.30	-27	-5	Reflex.	2.60	1.60	

#### AUDIO OUTPUT

Type	Case Type*	Pc w	BV CBO	Ic	hfe	NET	1-99	100-999
2N1185	A	150	-20	-150	35†	1.17	.73	
2N230	A	0.50	-20	-150	50†	1.09	.68	
2N291	A	150	-25	-200	30†	1.57	.98	
2N605	A	250	-30	-200	30†	1.07	.64	
2N250	K	25w	-30	-3a	30	2.95	1.85	
2N251	K	25w	-60	-3a	30	4.00	2.50	

#### GENERAL PURPOSE

Type	Case Type*	Pc w	BV CBO	Ic	hfe	NET	1-99	100-999
2N364**	A	150	30	50	9	2.5	2.00	
2N365**	A	150	30	50	19	3	2.00	
2N366**	A	150	30	50	49	3.5	2.60	
2N44**	A	150	60	50	9	2.5	2.00	
2N368	A	150	-30	50	19	1	1.70	1.05
2N369	A	150	-30	50	49	1.3	1.90	1.20
R65	A	0.30	-6	-25		.60	.90	
R66	A	0.30	-6	-25		.60	.90	
R67**	A	0.30	-5	-25		.65	.95	
R68**	A	0.30	-5	-25		.65	.95	
R72	A	0.30	-5	-25		.60	.90	

#### POWER

Type	Case Type*	Pc w	BV CBO	Ic	hfe	NET	1-99	100-999
2N456	K	50w	-40	-5a	30†	3.50	2.20	
2N457	K	50w	-60	-5a	30†	5.60	2.50	
2N458	K	50w	-80	-5a	30†	10.40	6.50	
2N511	K	80w	-40	-10a	10	4.80	3.60	
2N511A	K	80w	-60	-10a	10	5.60	3.90	
2N511B	K	80w	-80	-10a	10	11.20	7.00	
2N512	K	80w	-40	-15a	10	6.40	4.00	
2N511A	K	80w	-60	-15a	10	8.80	4.40	
2N512B	K	80w	-80	-15a	10	16.00	10.00	
2N513	K	80w	-40	-20a	10	13.60	8.50	
2N513A	K	80w	-60	-20a	10	19.20	12.00	
2N513B	K	80w	-80	-20a	10	32.00	20.00	
2N514	K	80w	-40	-25a	10	16.00	10.00	
2N514A	K	80w	-60	-25a	10	24.00	15.00	
2N514B	K	80w	-80	-25a	10	40.00	25.00	
2N1021	K	50w	-100	-5a	23	19.20	12.00	
2N1022	K	50w	-120	-5a	23	40.00	25.00	
2N1038	T	800	-60	-1a	20	4.40	2.75	
2N1039	T	800	-60	-1a	20	8.80	5.50	
2N1040	T	800	-80	-1a	20	12.00	7.50	
2N1041	T	800	-100	-1a	20	16.00	10.50	
2N1042	B	20w	-40	-3a	20	5.60	3.50	
2N1043	B	20w	-60	-3a	20	9.60	6.00	
2N1044	B	20w	-80	-3a	20	14.40	9.00	
2N1045	B	20w	-100	-3a	20	19.20	12.00	
800**	B	065	20	5	20	16.00	10.00	

\*\*NPN types; all others are PNP. \*See case types above.

### SILICON TRANSISTORS (NPN)

#### SMALL SIGNAL

Type	Case Type*	Pc w	BV CBO	Ic ma	hfe min	NET	1-99	100-999
2N117	G	0.150	9	25	45	4	9.75	6.50
US2N117	G	0.150	9	25	45	1††	10.00	8.85
2N118	G	0.150	18	25	45	5	16.75	11.15
US2N118	G	0.150	18	25	45	2††	16.95	11.30
JAN2N118	G	0.150	9	18	45	2††	18.60	12.40
2N119	G	0.150	36	25	45	6	21.85	14.55
US2N119	G	0.150	36	25	45	2††	22.05	14.70
2N120	G	0.150	76	25	45	7†	23.65	15.75
2N332	I	0.150	9	25	45	4	9.25	6.15
US2N332	I	0.150	9	25	45	4	9.45	6.30
2N333	I	0.150	18	25	45	5	16.00	10.67
US2N333	I	0.150	18	25	45	5	16.20	10.80
2N334	I	0.150	18	25	45	4††	16.00	10.65
US2N334	I	0.150	18	25	45	4††	16.20	10.80
2N335	I	0.150	36	25	45	6	21.40	14.25
US2N335	I	0.150	36	25	45	6	21.60	14.40
2N336	I	0.150	76	25	45	7	23.40	15.50
2N1149/90J	A	0.150	9	25	45	4	10.00	6.65
2N1150/90A	A	0.150	18	25	45	4	16.95	11.30
2N1151/90AA	A	0.150	36	25	45	6††	16.95	11.30
2N1152/90S	A	0.150	36	25	45	6	23.10	15.40
2N1153/910	A	0.150	76	25	45	7	24.10	16.05

#### SWITCHING

Type	Case Type*	Pc w	BV CBO	Ic ma	hfe min	NET	1-99	100-999
2N337	I†	0.125	19	20	45	10††	18.90	12.60
2N338	I†	0.125	39	20	45	20††	25.60	17.05
2N702	U	0.500	1 at 50mc	20	100		38.25	25.50

#### HIGH FREQUENCY

Type	Case Type*	Pc w	BV CBO	Ic ma	hfe min	NET	1-99	100-999
2N334	H	0.125	1 at 30mc	30	150		29.20	18.44
2N335	H	0.125	1 at 70mc	30	150		31.50	21.00

#### MEDIUM POWER

Type	Case Type*	Pc w	BV CBO	Ic ma	hfe min	NET	1-99	100-999
2N243	A	0.750	9	60	60	7	19.60	13.05
2N244	A	0.750	28	60	60	8	30.90	20.60
2N339	J	1	60	60	55	6	18.00	12.00
2N340	J	1	60	60	85	6	18.25	12.15
2N341	J	1	9	60	25	6	23.85	15.90
2N342	J	1	9	60	60	6	18.55	12.35
2N342A	J	1	9	60	85	6	19.50	13.00
2N343	J	1	28	60	60	8	30.40	20.25
2N343A	J	1	28	60	85	8	30.75	20.50
2N437	I	4	30†	60	60	9	23.70	15.80
2N498	I	4	30†	60	60	9	30.45	20.30
2N656	I	4	60†	60	60	8	26.65	17.75
2N657	I	4	60†	60	60	8	34.20	22.80
2N1154/951	A	0.750	9	60	50	9	19.05	12.70
2N1155/952	A	0.750	9	60	50	9	19.30	12.85
2N1156/953	A	0.750	9	40	120	3	22.95	15.30

#### INTERMEDIATE POWER

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# TEXAS - TRANSISTORS-DIODES - PHILCO-RCA

## TEXAS SILICON RECTIFIERS

Type	Case*	PIV V†	I <sub>o</sub> ma†	I <sub>rb</sub> ma†	Net 1-99 100-999
TI/680	A	1250	37.5	100	3.2, 20
IN588	O	1500	25	50	8.10 5.40
IN589	O	1500	50	50	11.20 7.60
IN1130	P	1500	300	50	11.20 7.60
IN1131	P	1500	300	50	11.20 7.60
IN538	Q	200	750	10	1.60 1.05
IN539	Q	300	750	10	2.05 1.35
IN540	Q	400	750	10	3.00 2.00
IN1095	Q	500	750	10	5.25 3.50
IN1096	Q	600	750	10	7.05 4.70
IN1124	R	200	3 a	10	2.70 2.21
IN1125	R	300	3 a	10	3.38 2.76
IN1126	R	400	3 a	10	4.73 3.87
IN1127	R	500	3 a	10	6.76 5.56
IN1128	R	600	3 a	10	8.32 6.80
IN1124R	R	200	3 a	10	2.70 2.21
IN1125R	R	300	3 a	10	3.38 2.76
IN1126R	R	400	3 a	10	4.73 3.87
IN1127R	R	500	3 a	10	6.76 5.56
IN1128R	R	600	3 a	10	8.32 6.80

\* Refer to previous page for case types.  
† At 25°C.

## TEXAS SILICON POWER REGULATORS

Type	Case‡	Zener Volt	I <sub>z</sub> ma	max Z <sub>z</sub> ohms	Net 1-99 100-999
IN1816	R	13	500	2	8.45 6.50
IN1817	R	15	500	2	8.45 6.50
IN1818	R	16	500	3	8.45 6.50
IN1819	R	18	500	3	8.45 6.50
IN1820	R	20	250	3	8.45 6.50
IN1821	R	22	250	3	8.45 6.50
IN1822	R	24	250	3	8.45 6.50
IN1823	R	27	250	3	8.45 6.50
IN1824	R	30	250	4	8.45 6.50
IN1825	R	33	150	4	8.45 6.50
IN1826	R	26	150	5	8.45 6.50
IN1827	R	39	150	5	8.45 6.50
IN1828	R	43	150	6	8.45 6.50
IN1829	R	47	150	7	8.45 6.50
IN1830	R	51	150	8	8.45 6.50
IN1831	R	56	150	9	8.45 6.50
IN1832	R	62	50	12	8.45 6.50
IN1833	R	68	50	14	8.45 6.50
IN1834	R	75	50	20	8.45 6.50
IN1835	R	82	50	22	8.45 6.50
IN1836	R	91	50	35	8.45 6.50
IN1816R thru IN1836R*	R				8.45 6.50
IN1816A thru IN1836A†	R				11.00 8.50
IN1816RA thru IN1836RA	R				11.00 8.50
IN1816C** thru IN1836C	R				13.00 10.00

\* Cathode to stud; without R or C suffix is anode to stud.  
† 5% tolerance; all others ±10%.

\*\* Designed to clip, has double onode characteristic. All have 10 microamperes reverse current and 10 watts power dissipation. ‡ Refer to previous page for case types.

## TEXAS SILICON SENSOR

SOLID STATE TEMPERATURE SENSING RESISTORS  
Temperature Compensating—Temperature Sensing

Type No.	Watts W	Body L x Diam.	Net 1-49 50-499
TM 1/4	1/4	0.585" x 0.2"	4.00 3.50
TM 1/2	1/2	0.406" x 0.140"	5.00 4.50
TC 1/2	1/2	TO-5 Trans. Package	5.00 4.50

Temperature coefficient of 0.7%/°C.

Available in following standard resistances. ± 10% Tolerance.

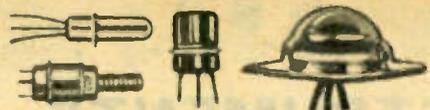
100 ohms	270 ohms	560 ohms
150 ohms	330 ohms	680 ohms
180 ohms	390 ohms	820 ohms
220 ohms	470 ohms	1,000 ohms

## PHILCO TYPE AO-1 TRANSISTOR

30 Mc.  
SURFACE BARRIER TRANSISTOR  
RF - OSCILLATOR - IF

AO-1 ..... 1.65

## PHILCO TRANSISTORS (PNP)



Type	Max Dis Mw	Max Col V	Max Col Ma	Min Cur Ma	Min Cut- Off Mc	Use	Net Each	
SB-100	10	-4.5	5	20	45	HF*	3.90	
SB-200	20	-4.5	5	7	15	HF*	1.50	
2N128	25	-10	5	66†	45	HF*	6.30	
2N207	50	-12	20	35	2	LL	1.95	
2N207A	50	-12	20	35	2	LL	2.10	
2N207B	50	-12	20	35	2	LL	2.25	
2N223	200	-18	150	120†	.6	AF	1.13	
2N224	250	-25	150	65	.5	AF	1.28	
2N225	Matched Pair of 2N224's						AF	2.55
2N226	250	-30	150	35	.4	AF	1.14	
2N227	Matched Pair of 2N226's						AF	2.28
2N240	30	-6	15	16	25	OSC*	5.93	
2N299	20	-5	5	5	90	HF*	14.00	
2N300	20	-5	5	11	85	HF*	15.00	
2N344/ SB101	20	-5	5	33†	30	OSC*	3.45	
2N345/ SB102	20	-5	5	110†	30	OSC*	4.35	
2N345/ SB103	20	-5	5	10	60	OSC*	5.85	
2N386	12W	-60	3A		.007	Pwr	6.75	
2N387	12W	-80	3A		.007	Pwr	9.75	
2N393	25	-6	50	40	40	HF††	7.13	
2N462	150	-40	200	45	5	Bit, Sw	4.88	
2N495	150	-25	50	9	8	HF**	19.95	
2N496	150	-10	50	18	7	HF**	25.20	
2N499	75	-30	50		250	UHFS, VHF§	5.25	
2N501	50	-15	50			UHFS, VHF§	11.48	
2N501A	25	15	50	75		UHFS, VHF§	14.25	
2N502	60	-20				UHFS, VHF§	8.63	
2N502A	30	-20				UHFS, VHF§	13.80	
2N503	60	-20	50			UHFS, VHF§	7.88	
2N504	50	-35	50	16	50	UHFS, VHF§	4.35	
2N534	25	-50	25	35	2	LL	2.78	
2N535	50	-20	200†		2	LL	3.00	
2N535A	50	-20	20	35	2	LL	3.38	
2N535B	50	-20	20	35	2	LL	3.38	
2N536	50	-20				LL	3.38	
2N588	80	-18	50		200	UHFS, VHF§	2.85	
2N597	250	30	400		3	Sw	4.88	
2N598	250	30	400		5	Sw	4.88	
2N599	250	30	400		9.6	Sw	8.40	
2N600	750	-30	400	70 (DC)	5	Sw	6.00	
2N601	750	-30	400	40 (DC)	1.2	Sw	9.90	
2N670	300	40	2A		.5	PA	3.38	
2N671	1W	40	2A		.5	PA	4.13	
2N672	300	25	2A		.5	PA	3.38	
2N673	1W	25	2A		.5	PA	4.13	
2N674	300	75	2A	40 (DC)	.400	AF	4.88	
2N675	1W	75	2A	40 (DC)	.400	AF	5.78	
2N1118	150	-25	50	9	8	HF**	19.95	
2N1119	150	-10	50	18	7	HF**	25.20	
2N1122	25	-10	50	35	40	Sw	8.40	
2N1122A	25	-14	50	35	40	Sw	11.18	
2N1123	750	-45	400	40 (DC)	3	Sw	4.88	
2N1124	300	-40	150	40	0.4	Pwr	1.95	
2N1125	300	-40	150	50 (DC)	1	Pwr	2.85	
2N1126	1W	-40	150	40	0.4	Pwr	2.70	
2N1127	1W	-40	150	50 (DC)	1	Pwr	3.60	
2N1128	150	-25	150	70	1	Pwr	1.43	
2N1129	150	-25	150	100 (DC)	.75	Pwr	1.65	
2N1130	150	-30	150	50 (DC)	.75	Pwr	1.43	
2N1199	100	20	100	12 (DC)		Sw	39.75	
2N1267	100	20	100	6	1	HF-RF	18.30	
2N1268	100	20	100	11		AF-RF	20.25	
2N1269	100	20	100	28		AF-RF	22.20	
2N1270	100	20	100	6		HF-OSC	29.95	
2N1271	100	20	100	11		HF-OSC	32.70	
2N1272	100	20	100	28		HF-OSC	36.00	
T-1282	100	-6	50	25		HF-OSC	22.58	

\* Surface Barrier Type. † Max Rating  
\*\* Silicon Alloy Type. †† Micro Alloy Type.  
‡ Micro Alloy Diffused Base Type.  
Col = Collector. Cur = Current. HF = High Frequency.  
LL = Miniature Low Level. PA = Pulse Amplifier.

## POPULAR LOW-COST AUDIO POWER TRANSISTOR



2N307 \$1.50

with valuable RCA "PRACTICAL TRANSISTOR CIRCUITS" booklet containing 9 circuits utilizing 2N307 in 12 Watt Power Amplifier, Light Flasher, Regulated Power Supply, Intercom System, Converters, Inverter, etc. Average shpg. wt., 8 oz.  
2N307 plus BK-6 (RCA 2N307 Booklet) ..... Net 1.50



## RCA GERMANIUM TRANSISTORS - PNP



Type	Max Col Mw*	Max Col Volts	Max Col Ma	Cur* Gain	Cut- Off Mc	Applica- tion	Net Each
2N104	150	-30	-50	44	.7	AF	2.25
2N105	35†	-25	-15	55	.75	AF	2.90
2N109	150	-25†	-70	75**		LN AF	1.51
2N139	80	-16	-15	48	6.8	IF	1.70
2N140	80	-16	-15	75	10	Conv	1.77
2N175	50	-10	-2	65	.85	LN AF	2.42
2N176	10W	-30	-3A	30		Pwr	2.97
2N215	Like 2N104					but has flexible leads	2.09
2N217	Like 2N109					but has flexible leads	1.51
2N218	Like 2N139					but has flexible leads	1.70
2N219	Like 2N140					but has flexible leads	1.77
2N220	Like 2N175					but has flexible leads	2.25
2N247	80	-35	-10	60	30	RF§	3.06
2N269	120	-20	-100		12	SW	2.58
2N270	250	-25†	-150	70**		LS AF	1.58
2N274	80	-35	-10	60	30	RF§	3.06
2N301	12W†	-40†	-2A	70**		LS AF	2.93
2N301A	12W†	-60†	-2A	70**		LS AF	4.83
2N307	10W	-35	-1A	30 (DC)		Pwr	1.50
2N331	200	-30	200	50	1.16	AF	2.02
2N351		-40	-3A	90	.4	Pwr	3.22
2N356	100	20	200	30	3	NPN, SW	5.08
2N357	100	20	200	30	6	NPN, SW	6.38
2N358	100	20	200	30	9	NPN, SW	8.69
2N370	80	-20	-10	60	30	RF§	2.86
2N371	80	-20	-10	60	30	OSC.‡	2.97
2N372	80	-20	-10	60	30	Mix§	2.74
2N373	80	-25	-10	60	30	IF§	1.74
2N374	80	-25	-10	60	30	Conv§	1.81
2N376	10W	-40	-3A	60		Pwr	3.38
2N384	120	-30	-10	60	100	VHF§	6.44
2N388	50	-105	-100	60**		SW	2.25
2N404	120	-25	-100		12	LL SW	2.58
2N404	120	-25	-100	40 (DC)	12	SW	2.81
2N405	150	-12	-70	35		AF DR	1.03
2N406	Like 2N405					but has flexible leads	1.03
2N407	150	-20	-70	65**		LS AF	1.17
2N408	Like 2N407					but has flexible leads	1.17
2N409	80	-12	-15	48	6.8	IF	1.42
2N410	Like 2N409					but has flexible leads	1.42
2N411	80	-12	-10	75	10	Conv	1.45
2N412	Like 2N411					but has flexible leads	1.45
2N456	50W	-40	-5A	30		Pwr	3.54
2N457	50W	-60	-5A	30		Pwr	5.64
2N544	80	-18	-10	60	30	Drift, RF	1.90
2N561	13.3W	-80	-10	75 (DC)		Pwr	6.44
2N578	120	-20	-400	15†	5	SW	3.63
2N579	120	-20	-400	30†	8		



# MOTOROLA - TRANSISTORS • DIODES



## GERMANIUM POWER TRANSISTORS—PNP

COLUMN HEADINGS: BV<sub>ceo</sub>—Collector to Base Voltage; T<sub>j</sub>—Junction temperature in degrees °C Centigrade; I<sub>c</sub>—Collector Current; hFE—DC current gain; hfe—AC current gain; P<sub>c</sub>—Collector power dissipation; fab—frequency cutoff. Average shpg. wt., 2 oz.

Type	Fig.	BV <sub>ceo</sub> Volts	T <sub>j</sub> °C	I <sub>c</sub> amps	hFE**	Use	Net 1-99
2N176	A	40	90	3.0	45	2 W	2.80
2N178	A	40	90	3.0	25	2 W	2.65
2N297A	A	60	80	—	40	10 W	6.00
2N297A- (Sig C)	A	60	80	—	40	10 W	9.40
2N350	A	40	90	3.0	30	4 W	2.85
2N350A	A	50	100	3.0	30	4 W Sw	2.85
2N351	A	40	90	3.0	45	4 W	3.00
2N351A	A	50	100	4.0	45	4 W Sw	3.00
2N375	A	80	95	3.0	22	HV	5.55
2N376	A	40	90	3.0	60	4 W	3.15
2N376A	A	50	100	5.0	60	4 W Sw	3.15
2N554	A	30	—	3.0	—	2 W	1.35
2N555	A	40	—	3.0	65	2 W	1.95
2N618	A	80	95	3.0	35	HV	6.00
2N627	G	40	90	10.0	18	HV	4.50
2N628	G	60	90	10.0	18	HV	5.25
2N629	G	80	90	10.0	18	HV	8.55
2N630	G	100	90	10.0	18	HV	14.25
2N669	A	40	90	3.0	100	2 W	2.95
2N1011	A	70	95	5.0	55	Pwr	6.75
2N1011- (Sig C)	A	70	95	5.0	55	Pwr	10.50
2N1120	G	80	90	10.0	—	4 W	11.25
2N1120- (Sig C)	G	80	90	10.0	—	4 W	18.75
2N1162	A	50	90	25.0	25	HV	9.00
2N1163	G	50	90	25.0	25	HV	9.00
2N1164	A	80	90	25.0	25	HV	14.25
2N1165	G	80	90	25.0	25	HV	14.25
2N1166	G	100	90	25.0	25	HV	22.50
2N1167	G	100	90	25.0	25	HV	22.50
2N1359	A	50	95	3.0	22	HV	3.90
2N1360	A	50	95	3.0	35	HV	4.15
2N1362	A	100	95	3.0	22	HV	9.00
2N1363	A	100	95	3.0	35	HV	9.75
2N1364	A	120	95	3.0	22	HV	20.25
2N1365	A	120	95	3.0	35	HV	24.00

\*\* = Typical; all other ratings max.; W = output wattage; Sw = Switch; HV = High Voltage.

## GERMANIUM MESA TRANSISTORS—PNP

Type	Fig.	BV <sub>ceo</sub> Volts	T <sub>j</sub> °C	P <sub>c</sub> mw	hfe**	Use	Net 1-99
2N695	B	18	100	75	30	Sw	25.30
2N700	B	30	100	75	8	UHF	22.00
2N701	B	30	100	75	25	Wide Band	47.50

## GERMANIUM GENERAL PURPOSE AUDIO TRANSISTORS—PNP

Type	Fig.	BV <sub>ceo</sub> Volts	P <sub>c</sub> mw	hfe**	Use	Net 1-99	
2N331	C	30	85	200	50	AF	1.87
2N464	C	45	85	150	26	AF	1.65
2N465	C	45	85	150	45	AF	1.73
2N466	C	35	85	150	90	AF	1.80
2N467	C	35	85	150	180	AF	2.25
2N650	C	45	100	200	40	AF	1.87
2N651	C	45	100	200	75	AF	2.10
2N652	C	45	100	200	160	AF	2.40
2N653	C	30	100	200	40	AF	1.65
2N654	C	30	100	200	75	AF	1.80
2N655	C	30	100	200	160	AF	1.95
2N1191	C	40	85	175	40	AF	1.43
2N1192	C	40	85	175	75	AF	1.50
2N1193	C	40	85	175	150	AF	1.65

\*\* = Typical; all other ratings are max.

## GERMANIUM GENERAL PURPOSE SWITCHING TRANSISTORS

Type	Fig.	BV <sub>ceo</sub> Volts	P <sub>c</sub> mw	hfe**	fab mc	Use	Net 1-99
2N425	C	30	150	30	4	Sw	4.05
2N426	C	30	150	40	6	Sw	4.05
2N427	C	30	150	55	11	Sw	6.10
2N428	C	30	150	80	17	Sw	7.50
MN-19	C	40	125	40	8	Sw	6.00

\*\* = Typical; all other ratings are max.

## ZENER DIODES

### 1 WATT SILICON ZENER DIODES (Figure E)

Type	Nominal Zener Voltage at Izt (Vz) Volts	Test Current (Izt) ma	Max. Zener Impedance Zzt at Izt ohms	Net 1-24	Net 25-99
1M6.8Z	6.8	37	3.5	4.50	3.75
1M7.5Z	7.5	34	4.0	4.35	3.65
1M8.2Z	8.2	31	4.5	4.35	3.65
1M9.1Z	9.1	28	5.0	4.35	3.65
1M10Z	10	25	7	4.35	3.65
1M11Z	11	23	8	4.35	3.65
1M12Z	12	21	9	4.35	3.65
1M13Z	13	19	10	4.35	3.65
1M14Z	14	18	12	4.35	3.65
1M15Z	15	17	14	4.35	3.65
1M16Z	16	15.5	16	4.35	3.65
1M17Z	17	14.5	18	4.35	3.65
1M18Z	18	14	20	4.35	3.65
1M19Z	19	13	21	4.35	3.65
1M20Z	20	12.5	22	4.35	3.65
1M22Z	22	11.5	23	4.35	3.65
1M24Z	24	10.5	25	4.35	3.65
1M25Z	25	10	30	4.35	3.65
1M27Z	27	9.5	35	4.35	3.65
1M30Z	30	8.5	40	4.35	3.65
1M33Z	33	7.5	45	4.35	3.65
1M36Z	36	7.0	50	4.35	3.65
1M39Z	39	6.5	60	4.35	3.65
1M43Z	43	6.0	70	4.35	3.65
1M45Z	45	5.5	75	4.35	3.65
1M47Z	47	5.5	80	4.35	3.65
1M50Z	50	5.0	90	4.35	3.65
1M52Z	52	5.0	100	4.35	3.65
1M56Z	56	4.5	110	4.35	3.65
1M62Z	62	4.0	125	4.65	3.90
1M68Z	68	3.7	150	4.65	3.90
1M75Z	75	3.3	175	4.65	3.90
1M82Z	82	3.0	200	4.65	3.90
1M91Z	91	2.8	250	4.65	3.90
1M100Z	100	2.5	350	4.65	3.90
1M105Z	105	2.5	400	5.40	4.50
1M110Z	110	2.3	450	5.40	4.50
1M120Z	120	2.0	550	5.40	4.50
1M130Z	130	1.9	700	5.40	4.50
1M140Z	140	1.8	900	5.40	4.50
1M150Z	150	1.7	1,000	5.40	4.50
1M175Z	175	1.4	1,200	5.40	4.50
1M200Z	200	1.2	1,500	5.40	4.50
1M6.8Z10*				5.10	4.80
1M7.5Z10 thru 1M27Z10*				6.60	5.50
1M30Z10 thru 1M56Z10*				7.30	6.05
1M62Z10 thru 1M100Z10*				7.95	6.65
1M105Z10 thru 1M200Z10*				7.65	6.40
1M6.8Z5†				7.20	6.00
1M7.5Z5 thru 1M27Z5†				8.40	7.20
1M30Z5 thru 1M56Z5†				8.40	7.00
1M62Z5 thru 1M100Z5†				9.45	7.90
1M105Z5 thru 1M200Z5†				11.85	9.90

\* = ± 10% tolerance; † = 5% tolerance  
For cathode to base polarity add R after Z, i.e., 1M6.8ZR5

### 10 WATT SILICON ZENER DIODES (Figure F)

Type	Nominal Zener Voltage at Izt (Vz) Volts	Test Current (Izt) ma	Max. Zener Impedance Zzt at Izt ohms	Net 1-24	Net 25-99
1M6.8Z	6.8	370	1.2	7.95	6.65
1M7.5Z	7.5	335	1.3	7.20	6.00
1M8.2Z	8.2	305	1.5	7.20	6.00
1M9.1Z	9.1	275	2.0	7.20	6.00
1M10Z	10	250	3	7.29	6.00
1M11Z	11	230	3	7.20	6.00
1M12Z	12	210	3	7.20	6.00
1M13Z	13	190	3	7.20	6.00
1M14Z	14	180	3	7.20	6.00
1M15Z	15	170	3	7.20	6.00
1M16Z	16	155	4	7.20	6.00
1M17Z	17	145	4	7.20	6.00
1M18Z	18	140	4	7.20	6.00
1M19Z	19	130	4	7.20	6.00
1M20Z	20	125	4	7.20	6.00
1M22Z	22	115	5	7.20	6.00
1M24Z	24	105	5	7.20	6.00
1M25Z	25	100	6	7.20	6.00
1M27Z	27	95	7	7.20	6.00
1M30Z	30	85	8	7.20	6.00
1M33Z	33	75	9	7.20	6.00
1M36Z	36	70	10	7.20	6.00
1M39Z	39	65	11	7.20	6.00
1M43Z	43	60	12	7.20	6.00
1M45Z	45	55	13	7.20	6.00
1M47Z	47	55	14	7.20	6.00
1M50Z	50	50	15	7.20	6.00
1M52Z	52	50	15	7.20	6.00
1M56Z	56	45	16	7.20	6.00
1M62Z	62	40	17	7.20	6.00
1M68Z	68	37	18	7.20	6.00
1M75Z	75	33	22	7.20	6.00
1M82Z	82	30	25	7.20	6.00
1M91Z	91	28	35	7.20	6.00
1M100Z	100	25	40	8.10	6.75
1M105Z	105	25	45	8.10	6.75
1M110Z	110	23	55	8.10	6.75
1M120Z	120	20	75	8.10	6.75
1M130Z	130	19	100	8.10	6.75
1M140Z	140	18	125	8.10	6.75
1M150Z	150	17	175	8.10	6.75
1M175Z	175	14	250	8.10	6.75
1M200Z	200	12	300	8.10	6.75
1M6.8Z10*				10.80	9.00
1M7.5Z10 thru 1M91Z10*				9.75	8.15
1M100Z10 thru 1M200Z10*				12.75	10.65
1M6.8Z5†				13.35	11.15
1M7.5Z5 thru 1M91Z5†				12.75	10.65
1M100Z5 thru 1M200Z5†				20.70	17.25

\* = ± 10%; † = ± 5% tolerance.  
For cathode to base polarity add R after Z, i.e., 1M6.8ZR5.

NOTE: Standard tolerance on nominal zener voltage is ± 20%. Tolerances of ± 10% and ± 5% available as noted. For these tolerances suffix "10" or "5" to part no. Standard units have anode connected to base; for cathode to base units have "R" suffixed to standard part number. Average shpg. wt., 2 oz.

### 1.5 WATT SILICON ZENER DIODES (Figure D)

Type	Nominal Zener Voltage at Izt (Vz) Volts	Test Current (Izt) ma	Max. Zener Impedance Zzt at Izt ohms	Net 1-24	Net 25-99
1.5M6.8Z	6.8	55	2.7	5.40	4.50
1.5M7.5Z	7.5	50	3.0	4.80	4.00
1.5M8.2Z	8.2	46	3.5	4.80	4.00
1.5M9.1Z	9.1	41	4.0	4.80	4.00
1.5M10Z	10	37	5	4.80	4.00
1.5M11Z	11	34	6	4.80	4.00
1.5M12Z	12	31	7	4.80	4.00
1.5M13Z	13	29	8	4.80	4.00
1.5M14Z	14	26	9	4.80	4.00
1.5M15Z	15	25	10	4.80	4.00
1.5M16Z	16	23	11	4.80	4.00
1.5M17Z	17	22	12	4.80	

# MOTOROLA-TRANSISTORS-DIODES-BENDIX

## MOTOROLA 50 WATT SILICON ZENER DIODES

Av. Shpg. wt., 2 oz.



Type	Nominal Zener Voltage @ 100V (Vz) Volts	Test Current (Izt) ma	Max. Zener Impedance Zz @ 100V ohms	Net	
				1-24	25-99
50M6.8Z	6.8	1850	0.4	12.00	10.00
50M7.5Z	7.5	1700	0.5	11.25	9.40
50M8.2Z	8.2	1500	0.6	11.25	9.40
50M9.1Z	9.1	1370	0.7	11.25	9.40
50M10Z	10	1200	0.8	11.25	9.40
50M11Z	11	1100	0.9	11.25	9.40
50M12Z	12	1000	1.0	11.25	9.40
50M13Z	13	960	1.1	11.25	9.40
50M14Z	14	890	1.2	11.25	9.40
50M15Z	15	830	1.4	11.25	9.40
50M16Z	16	780	1.6	11.25	9.40
50M17Z	17	740	1.8	11.25	9.40
50M18Z	18	700	2.0	11.25	9.40
50M19Z	19	660	2.2	11.25	9.40
50M20Z	20	630	2.4	11.25	9.40
50M22Z	22	570	2.5	11.25	9.40
50M24Z	24	520	2.6	11.25	9.40
50M25Z	25	500	2.7	11.25	9.40
50M27Z	27	460	2.8	11.25	9.40
50M30Z	30	420	3.0	11.25	9.40
50M33Z	33	380	3.2	11.25	9.40
50M36Z	36	350	3.5	11.25	9.40
50M39Z	39	320	4.0	11.25	9.40
50M43Z	43	290	4.5	11.25	9.40
50M45Z	45	280	4.5	11.25	9.40
50M47Z	47	270	5.0	11.25	9.40
50M50Z	50	250	5.0	11.25	9.40
50M52Z	52	240	5.5	11.25	9.40
50M56Z	56	220	6	11.25	9.40
50M62Z	62	200	7	11.25	9.40
50M68Z	68	180	8	11.25	9.40
50M75Z	75	170	9	11.25	9.40
50M82Z	82	150	11	11.25	9.40
50M91Z	91	140	15	11.25	9.40
50M100Z	100	120	20	11.25	9.40
50M105Z	105	120	25	12.75	10.65
50M110Z	110	110	30	12.75	10.65
50M120Z	120	100	40	12.75	10.65
50M130Z	130	90	60	12.75	10.65
50M140Z	140	80	60	12.75	10.65
50M150Z	150	85	75	12.75	10.65
50M175Z	175	70	85	12.75	10.65
50M200Z	200	65	100	12.75	10.65
50M6.8Z10*				14.20	13.50
50M7.5Z10 thru 50M27Z10*				14.85	12.40
50M30Z10 thru 50M56Z10*				16.20	13.50
50M62Z10 thru 50M100Z10*				19.35	16.15
50M105Z10 thru 50M200Z10*				22.45	18.70
50M6.8Z5†				20.10	16.80
50M7.5Z5 thru 50M27Z5†				18.40	15.50
50M30Z5 thru 50M56Z5†				20.10	16.80
50M62Z5 thru 50M100Z5†				23.15	19.30
50M105Z5 thru 50M200Z5†				35.40	29.50

\*  $\pm 10\%$ , †  $\pm 5\%$ . For cathode to base Connection add R after Z, i.e., 50M200ZRS.

## MOTOROLA SILICON RECTIFIERS

### SINGLE ENDED

1 Amp. Shpg. wt., 2 oz.



Type Number	PIV volts (dc)	I <sub>o</sub> amps @ 50°C	I surge 1/2 cycle (60 cps) amps	Net 1-99	
					ma @ 150°C
1N1563	100	0.5	100	70	1.00
1N1564	200	0.5	100	70	1.72
1N1565	300	0.5	100	70	1.10
1N1566	400	0.5	100	70	2.10
1N1563A	100	0.25	150	70	1.20
1N1564A	200	0.25	150	70	2.25
1N1565A	300	0.25	150	70	1.27
1N1566A	400	0.25	150	70	2.80

I<sub>o</sub> = Rectified dc av. half wave. All ratings max.

### AXIAL LEAD

1 Amp. Shpg. wt., 2 oz.



Type Number	PIV volts (dc)	I <sub>o</sub> ma @ 150°C	I surge 1/2 cycle (60 cps) amps	Net 1-99	
					ma @ 50°C
1N536	50	750	250	30	1.15
1N537	100	750	250	30	1.35
1N538	200	750	250	30	1.60
1N539	300	750	250	30	2.00
1N540	400	750	250	30	3.00
1N547	600	750	250	30	7.50
1N1095	500	750	250	30	5.25
1N1096	600	750	250	30	7.50

I<sub>o</sub> = Rectified dc av. half wave. All ratings max.

## MOTOROLA JEDEC-TYPE 10 WATT SILICON ZENER DIODES

Shpg. wt., 2 oz.



JEDEC Type	Nominal Zener Volts	Test ma	Dynamic Impedance (Max) ohms	Net 1-99	
				1-24	25-99
1N1351	10	500	2	10.00	
1N1352	11	500	2	10.00	
1N1353	12	500	2	10.00	
1N1354	13	500	2	10.00	
1N1355	15	500	2	10.00	
1N1356	16	500	3	10.00	
1N1357	18	150	3	10.00	
1N1358	20	150	3	10.00	
1N1359	22	150	3	10.00	
1N1360	24	150	3	11.00	
1N1361	27	150	3	11.00	
1N1362	30	150	4	11.00	
1N1363	33	150	4	11.00	
1N1364	36	150	5	11.00	
1N1365	39	150	5	11.00	
1N1366	43	150	6	11.00	
1N1367	47	150	7	11.00	
1N1368	51	150	8	11.00	
1N1369	56	150	9	11.00	
1N1370	62	50	12	13.00	
1N1371	68	50	14	13.00	
1N1372	75	50	20	13.00	
1N1373	82	50	22	13.00	
1N1374	91	50	35	13.00	
1N1375	100	50	40	13.00	
1N1809	110	50	47	13.00	
1N1810	120	50	56	13.00	
1N1811	130	50	65	13.00	
1N1812	150	50	82	13.00	
1N1813	160	50	93	13.00	
1N1814	180	50	115	13.00	
1N1815	200	50	140	13.00	
1N1351A thru 1N1359A*				12.50	
1N1360A thru 1N1369A*				13.75	
1N1370A thru 1N1375A*				16.25	
1N1809A thru 1N1815A*				26.00	

\*  $\pm 5\%$  tolerance; regular units are  $\pm 10\%$ . All above units have anode connected to base. For cathode to base add R to type no.

## MOTOROLA TEMPERATURE COMPENSATED ZENER DIODES

Max dissipation 750 mw; 8.9-9.7 Volts at 10.0 ma; Max dynamic impedance 15 ohms

shpg. wt., 2 oz.

Type	Volt-Temp Coeff %/°C	Temp Range °C	Net 1-24 25-99	
			1-24	25-99
1N2620	.01	0 to +75	6.00	5.00
1N2620A	.01	-55 to +100	7.50	6.25
1N2620B	.01	-55 to +150	8.55	7.15
1N2621	.005	0 to +75	7.50	6.25
1N2621A	.005	-55 to +100	9.00	7.50
1N2621B	.005	-55 to +150	11.25	9.35
1N2622	.002	0 to +75	14.25	12.85
1N2622A	.002	-55 to +100	16.50	13.75
1N2622B	.002	-55 to +150	22.50	18.75
1N2623	.001	0 to +75	22.50	18.75
1N2623A	.001	-55 to +100	26.25	21.85
1N2623B	.001	-55 to +150	36.00	30.00
1N2624	.0005	0 to +75	40.50	33.75
1N2624A	.0005	-55 to +100	48.00	40.00
1N2624B	.0005	-55 to +150	66.00	55.00

## MOTOROLA SILICON RECTIFIERS

Stud Mounted 3.5 Amp. Shpg. wt., 2 oz.



Type Number	PIV volts (dc)	I <sub>o</sub> Amps @ 150°C	I surge 1/2 cycle (60 cps) amps	Net 1-99
1N253	100	1.0*	30	2.40
1N254	200	0.4*	30	2.55
1N255	400	0.4*	30	5.10
1N256	600	0.2*	30	10.35
1N1115	100	0.6	30	2.40
1N1116	200	0.6	30	2.55
1N1117	300	0.6	30	3.15
1N1118	400	0.6	30	5.10
1N1119	500	0.6	30	7.35
1N1120	600	0.6	30	10.35

I<sub>o</sub> = Rectified dc av. half wave. \* = 135°C base temp.

## BENDIX GERMANIUM TRANSISTORS



PNP Audio, Switching and Power Transistors - Individually boxed.

Average shpg. wt., 2 oz.

Type	Vce Volts	Ic Amp	hFE	Pwr Out Watt	Use	Net
2N234A	30	3	25†	2	Audio	1.60
2N235A	40	3	40†	2	Audio	2.90
2N235B	40	3	60†	2	Audio	3.07
2N236A	40	3	60†	4	Audio	3.57
2N236B	40	3	40†	4	AF, Pwr	4.23
2N255	15*	3	40	1	AF, P-P	1.45
2N256	30*	3	40	2	AF, P-P	1.60
2N285A	40	3	150†	2	AF, Pwr	4.14
2N297A	50	5	70	35‡	Sw, Pwr	5.88
2N297A(M)	50	5	70	35‡	Sw, Pwr	11.65
2N307	35*	1	80	—	Audio	1.60
2N307A	35*	2	80	1	Audio	2.16
2N331	30*	0.2	50†	0.4‡	AF, Sw	4.23
2N331(M)	30*	0.2	50†	0.4‡	AF, Sw	5.71
2N399	40	3	40†	8‡	AF, PP	3.55
2N400	40	3	50†	6	AF, Pwr	4.97
2N401	40	3	40†	5‡	AF, P-P	3.32
2N418	80	5	50	100**	Sw, Pwr	6.87
2N419	45	3	60†	5	Pwr	3.73
2N420	40	5	50	—	Sw, Pwr	2.90
2N420A	70	5	50	—	Sw, Pwr	5.38
2N637	40	5	45	35**	Sw, Pwr	3.73
2N637A	70	5	45	70**	Sw, Pwr	5.05
2N637B	80	5	45	70**	Sw, Pwr	6.70
2N638	40	5	30	35**	Sw, Pwr	3.51
2N638A	70	5	30	70**	Sw, Pwr	4.51
2N638B	80	5	30	70**	Sw, Pwr	6.15
2N639	40	5	23	35**	Sw, Pwr	3.07
2N639A	80	5	23	70**	Sw, Pwr	3.96
2N677	30	15	40	75**	Sw, Pwr	5.61
2N677A	40	15	40	125**	Sw, Pwr	3.81
2N677B	70	15	40	250**	Sw, Pwr	5.05
2N677C	80	15	40	250**	Sw, Pwr	9.59
2N678	30	15	75	75**	Sw, Pwr	14.53
2N678A	40	15	75	125**	Sw, Pwr	5.05
2N678B	70	15	75	250**	Sw, Pwr	6.17
2N678C	80	15	75	250**	Sw, Pwr	13.30
2N1011	70	5	55	70**	Sw, Pwr	19.90
2N1011(M)	70	5	55	70**	Sw, Pwr	6.70
2N1029	Same as 2N1031, with flying leads				Sw, Pwr	11.65
2N1029A	Same as 2N1031A, with flying leads				Sw, Pwr	3.81
2N1029B	Same as 2N1031B, with flying leads				Sw, Pwr	5.05

# Lafayette - Famous For SEMICONDUCTORS SYLVANIA TRANSISTORS AND DIODES

Extensive assortment of precision semiconductors produced by one of the leaders in the industry. Average shpg. wt., per unit 2 oz.



## TRANSISTORS

Type	Max Dis	Max VCB	Max Ic	AC Cur Gain	Cut off Mc	Use	Net Each	Type	Max Dis	Max VCB	Max Ic	AC Cur Gain	Cut off Mc	Use	Net Each	Type	Max Dis	Max VCB	Max Ic	AC Cur Gain	Cut off Mc	Use	Net Each	
2N34	50	-40	-50	19	4	AF*	3.20	2N292	65	15	30	25	8.0	RF*	1.72	2N420	-	-40	-5A	45†	5	INJ†	4.35	
2N35	50	40	100	75	-	AF*	1.12	2N296	25W	-00†	-3A	30†	-	PWR†	5.95	2N425	150	-20	-400	30	4	SW†	4.15	
2N68	1.5W	-30	-1.5A	4.0	4	PWR†	5.16	2N301	12W	-40	1A	-	-	PWR†	2.89	2N426	150	-18	-400	40	0	SW†	4.30	
2N94	5.0W	20	-	7.5	3	RF*	1.36	2N301A	12W	-60	-	-	-	PWR†	4.77	2N427	150	-15	-400	85	11	SW†	6.50	
								2N306	50	20	-	-	75	-	AF*	6.0	2N428	150	-12	-400	60	17	SW†	8.00
2N94A	50	20	50	25	6	RF*	5.60	2N307	10W	-35	-1A	30†	-	PWR†	1.35	2N438	100	30	-	25	3.75	SW†	4.00	
								2N307A	17W	-35	-2A	30†	-	PWR†	2.15	2N438A	150	30	-	25	3.75	SW†	4.40	
2N95	1.5W	30	1.5A	40†	4	PWR*	5.16	2N312	100	15	200	50†	-	SW*	8.00	2N439	100	30	-	35	7.5	SW†	5.60	
2N101	1W	-30	-	40†	4	PWR*	4.76	2N321	240	-20	-200	48	3.0	AF†	1.93	2N439A	150	30	-	35	7.5	SW†	6.15	
2N102	1W	30	800	40†	4	PWR†	4.76	2N323	140	-16	-100	90	2.5	AF†	1.79	2N440	100	30	-	85	15	SW†	8.00	
2N104	150	-30	-	44	0.7	AF†	2.23	2N324	140	-16	-100	80	3.0	AF†	1.93	2N440A	150	30	-	85	15	SW†	8.60	
2N109	50	-25	-70	70†	4	AF†	1.59	2N326	7W	35	2A	35†	15	PWR*	19.20	2N515	50	18	10	7.5	3	IF*	1.42	
2N123	100	-20	-125	30	5	SW†	5.24	2N332	150	45	25	15	10	AF*	9.45	2N516	50	18	10	7.5	3	IF*	1.49	
2N139	35	-16	-13	45	6	IF†	1.68	2N333	150	45	25	30	12	AF*	16.20	2N517	50	18	10	7.5	3	IF*	1.76	
2N140	35	-16	-13	8	MIX†	1.76	2N334	150	45	25	39	13	AF*	16.20	2N519	100	15	-	25	0.5	SW†	1.60		
2N141	1.5W	-60	-800	40†	4	AF†	9.92	2N335	150	45	25	66	14	AF*	21.60	2N524	225	-45	-300	35	2.0	SW†	2.98	
2N142	1.5W	60	800	40†	4	AF†	9.92	2N336	150	45	25	120	15	AF*	26.50	2N525	225	-45	-300	30†	1.0	AF†	3.12	
2N143	1W	-60	-800	40†	4	AF†	9.52	2N337	125	45	20	55	30	AF*	19.15	2N544	80	18	10	60	30	RF*	1.89	
2N144	1W	60	800	30†	4	AF†	9.52	2N338	125	45	20	99	45	AF*	25.80	2N544	10W†	-28	3A	30	-	AF†	1.35	
2N155	8.5W	-30	-3A	60	0.006	PWR†	2.89	2N350	10W	-40	-3A	30	-	PWR†	3.14	2N556	100	25	200	30†	-	SW†	5.60	
2N168A	65	15	20	40	8.0	IF†	1.97	2N351	10W	-40	-3A	45	-	PWR†	3.34	2N557	100	25	200	30†	-	SW†	2.90	
2N169A	65	25	20	72	9.0	IF†	2.43	2N356	100	20	300	30†	6	SW*	6.05	2N576	200	20	400	40†	-	SW†	8.72	
2N175	50	-10	-2	65	0.85	AF†	2.40	2N357	100	20	300	30†	6	SW*	6.35	2N576A	200	20	400	40†	-	Core	10.40	
2N176	10W	-30	-3A	-	0.006	PWR†	2.89	2N370	80	-20	-10	105	-	20Mc	2.80									
2N193	50	18†	50	7.5	3	OSC*	1.44	2N371	80	-20	-10	90	-	20Mc	2.98	2N985	120	-25	-200	40	3	SW†	2.50	
2N194	50	18†	50	8	3	MIX*	1.52	2N372	80	-20	-10	90	-	20Mc	2.70	2N986	250	-45	-250	60†	-	DR*	1.15	
2N194A	50	20†	50	8	3	MIX*	1.44	2N373	80	-20	-10	90	-	20Mc	2.70	2N624	150	-30	-10	30	13	RF†	12.80	
2N195	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N677	50W	-50	-15A	60†	-	SW†	3.58		
2N195A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N677A	50W	-60	-15A	60†	-	SW†	4.15		
2N196	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N677B	50W	-60	-15A	60†	-	SW†	8.24		
2N196A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N677C	50W	-100	-15A	60†	-	SW†	12.55		
2N197	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N678	75	-30	-1A	75	-	SW†	4.77		
2N197A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N678A	125	-40	-15A	75	-	SW†	5.86		
2N198	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N678B	150	25	200	20†	2	SW†	1.68		
2N198A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1008	167	-20	-300	90	1	AF†	1.43		
2N199	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1008A	167	-40	-300	90	1	AF†	2.11		
2N199A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1058	30	20	30	17	5	MIX*	1.52		
2N200	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1059	180	40	100	100†	-	AF*	.96		
2N200A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1059A	180	40	100	100†	-	AF*	.72		
2N201	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1102	180	40	100	80†	-	AF*	.75		
2N201A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1114	150	25	200	180†	7	SW†	5.60		
2N202	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1265	50	10	-	25	-	IF†	.65		
2N202A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73	2N1266	80	-10	-	22	-	IF†	.65		
2N203	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N203A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N204	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N204A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N205	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N205A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N206	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N206A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N207	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N207A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N208	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N208A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N209	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N209A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N210	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N210A	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60	30	IF†	1.73										
2N211	50	10	5	3	OSC*	1.99	2N374	8	-25	-10	60													

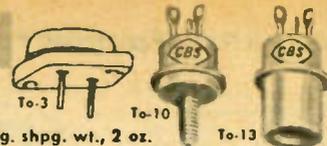
# CBS TRANSISTORS AND DIODES

## General Purpose DIODES

Avg. shpg. wt., 2 oz.

## PNP INDUSTRIAL POWER TRANSISTORS

All have Collector Current of 3 ADC Except \* 4.5, † 6. Avg. shpg. wt., 2 oz.



	Min. Fwd. PIV MA @ 1V	Max. INV u	Uses	Net	
				1-99	100 UP
IN34A	75	5	50	G P	.45 .30
IN35	75	7.5	10	M P	1.80 1.20
IN38/A/B	120	4-25	6	High Rev V	.90 .60
IN39A (P)	225	5	65	High Rev V	3.75 2.50
IN48	85	4	833	G P Det	.33 .22
IN51	50	2.5	1660	G P	.33 .22
IN52	85	4.0	150	G P	.90 .60
IN54/A	75	5	7	G P	.90 .60
IN55/A	170	4	300	High Rev V	1.87 1.25
IN56/A	59	15	300	High Cond	.80 .53
IN58/A	120	5	600	High Rev V	.90 .60
IN60	30	3	67	Vid Det	.50 .33
IN63	125	4	50	G P	1.27 .85
IN64	20	—	200	Vid Det	.50 .33
IN65	85	2.5	200	G P	.53 .35
IN67/A (G)	100	4	5	High Rev R	1.07 .71
IN68/A (G)	130	3	625	High Rev V	1.20 .80
IN69/A (G)	75	5-25	30	G P	.48 .32
IN70/A (P)	125	3-25	25	G P	.71 .47
IN75 (G)	125	2.5	50	G P	.90 .60
IN81/A (P)	50	3.25	10	G P	.87 .57
IN82A	5 LN Mix	470-890	MC SIVHF Mix	1.15 .77	
IN90 (G)	75	5	800	G P	.45 .30
IN116 (G)	75	5	—	High R	.75 .50
IN126/A (G)	75	5-25	50	G P-JAN	.51 .34
IN127/A (G)	125	3-25	25	G P-JAN	1.05 .70
IN138 (G)	50	3	10	G P-JAN	.80 .53
IN191 (G)	105	5	25	Comp	.98 .65
IN192 (G)	80	5	50	Comp	.68 .45
IN198 (G)	100	5	10	Hi Temp-JAN	1.28 .85
IN290 (G)	120	5	100	G P	1.65 1.10
IN294 (G)	70	5	10	G P	.60 .40
IN295 (G)	50	—	200	Vid Det	.40 .27
IN636 (G)	60	2.5	10	High R	.53 .35
IN541 (G)	45	1.5	18	G P	.53 .35
LD-47 (G)	—	—	—	Det FM, AM	.40 .27
LD-145 (G)	60	5	—	Vid Det	.40 .27

Suffix P—Plastic Case; G—Glass Case; GP—General Purpose; MP—Matched Pair; Rev—Reverse; V—Voltage; Det—Detector; Cond—Conduction; Vid—Video; R—Resistor; LN—Low Noise; Sil—Silicon; Mix—Mixer; Comp—Computer.

## NPN HIGH FREQUENCY TRANSISTORS

Avg. shpg. wt., 2 oz.

	VCB	Ic	P	Fab	Net	
					1-99	100-up
2N312	15	—	100	—	6.75	4.60
2N356	20	200	100	3	4.73	3.15
2N357	20	200	100	6	5.93	3.95
2N358	20	200	100	9	8.10	5.40
2N377	25	100	150	5	3.00	2.00
2N385	25	200	150	6	3.75	2.50
2N388	25	200	150	8	5.25	3.50
2N438	30	—	100	3.75	3.75	2.50
2N438A	30	—	150	3.75	4.13	2.75
2N439	30	—	100	7.5	5.25	3.50
2N439A	30	—	150	7.5	5.78	3.85
2N440	30	—	100	15	7.50	5.00
2N440A	30	—	150	15	8.25	5.50
2N444	15	100	100	0.5	2.25	1.50
2N445	15	100	100	2	3.00	2.00
2N446	15	100	100	5	4.05	2.70
2N447	15	100	100	9	5.40	3.60
2N556	25	—	100	—	5.40	3.60
2N558	15	—	100	—	5.25	3.50
2N634	20	300	150	8	6.00	4.40
2B635	20	300	150	12	9.00	6.00
2N636	20	300	150	17	10.50	7.00
2N1000	40	—	150	1 (5 VDC)	9.00	6.00
2N1012	40	—	150	1 (5 VDC)	7.20	4.80

Vcb—Collector to base Voltage; P—Dissipation  
Ic—Collector Current; Fab—Cutoff frequency



## NEW! CBS TRANSISTOR COURSE

FOR SERVICEMAN, TECHNICIAN AND ENGINEER

The first home-study of its kind—Includes latest up-to-the-minute information on transistor devices and applications. Ten extensive lessons covering basic theory with practical experiments and servicing techniques for amplifiers, oscillators, rectifiers and deflection circuits. Correction and advisory service included.

BK-1059—Postpaid in U.S.A. Net 24.50

	VCB	P	hFE	Mtg. Type	Net		VCB	P	hFE	Mtg. Type	Net		
					1-99	100 up					1-99	100 up	
2N155	30	3	—	—	2.78	1.85	LT-5069*	60	30	100	To-3	6.00	4.00
2N156	30	3	—	—	3.75	2.50	LT-5070*	80	30	30	To-13	6.00	4.00
2N157	60	20	20	To-3	5.25	3.50	LT-5071*	80	30	30	To-10	6.00	4.00
2N157A	100	20	20	To-3	9.00	6.00	LT-5072*	80	30	30	To-3	6.00	4.00
2N158	60	3	—	—	5.25	3.50	LT-5073	80	30	60	To-13	9.00	6.00
2N158A	80	3	—	—	6.75	4.50	LT-5074	80	30	60	To-10	9.00	6.00
2N235A	50	25	40	To-3	2.78	1.85	LT-5075	80	30	60	To-3	9.00	6.00
2N235B	50	25	40	To-2	3.08	2.05	LT-5076*	80	30	100	To-13	10.50	7.00
2N236A	50	25	30	To-3	3.15	2.10	LT-5077*	80	30	100	To-10	10.50	7.00
2N236B	50	25	30	To-3	3.75	2.50	LT-5078*	80	30	100	To-3	10.50	7.00
2N242	45	25	—	To-3	2.78	1.85	LT-5079*	100	30	100	To-13	9.00	6.00
2N257	40	25	30	To-3	2.95	1.95	LT-5080*	100	30	30	To-10	9.00	6.00
2N285A	40	25	38	To-3	3.68	2.45	LT-5081*	100	30	30	To-3	9.00	6.00
2N297	60	25	25-100	To-3	6.38	4.25	LT-5082*	100	30	60	To-13	12.75	8.50
2N297A	60	20	40-100	To-3	4.65	3.10	LT-5083*	100	30	60	To-10	12.75	8.50
2N301	40	25	40	To-3	2.73	1.82	LT-5084*	100	30	60	To-3	12.75	8.50
2N301A	60	25	60	To-3	4.83	3.00	LT-5085*	100	30	100	To-13	24.00	16.00
LT-11	60	3	—	—	9.00	6.00	LT-5086*	100	30	100	To-10	24.00	16.00
LT-12	60	3	—	—	12.00	8.00	LT-5087*	100	30	100	To-3	24.00	16.00
LT-13	60	3	—	—	18.00	12.00	LT-5088*	30	40	40	To-13	4.50	3.00
LT-14	60	3	—	—	22.50	15.00	LT-5089*	30	40	40	To-10	4.50	3.00
LT-15	60	3	—	—	30.00	20.00	LT-5090*	30	40	40	To-3	4.50	3.00
LT-5021	30	20	20	To-10	3.75	2.50	LT-5091*	30	40	80	To-13	4.85	3.25
LT-5022	30	20	20	To-3	3.75	2.50	LT-5092*	30	40	80	To-10	4.85	3.25
LT-5023	30	20	40	To-13	4.15	2.75	LT-5093*	30	40	80	To-3	4.85	3.25
LT-5024	30	20	40	To-10	4.15	2.75	LT-5094*	30	40	160	To-13	5.40	3.60
LT-5025	30	20	40	To-3	4.15	2.75	LT-5095*	30	40	160	To-10	5.40	3.60
LT-5026	30	20	60	To-13	4.50	3.00	LT-5096*	30	40	160	To-3	5.40	3.60
LT-5027	30	20	60	To-3	4.50	3.00	LT-5097*	60	40	40	To-13	5.25	3.50
LT-5028	30	20	60	To-3	4.50	3.00	LT-5098*	60	40	40	To-3	5.25	3.50
LT-55	60	20	60	To-10	5.25	3.50	LT-5099*	60	40	40	To-13	5.25	3.50
LT-5029	60	20	40	To-13	6.75	4.50	LT-5100*	60	40	80	To-13	6.75	4.50
LT-5030	60	20	40	To-10	6.75	4.50	LT-5101*	60	40	80	To-10	6.75	4.50
LT-5031	60	20	40	To-3	6.75	4.50	LT-5102*	60	40	80	To-3	6.75	4.50
LT-5032	60	20	60	To-13	7.50	5.00	LT-5103*	60	40	160	To-13	7.50	5.00
LT-5033	60	20	60	To-10	7.50	5.00	LT-5104*	60	40	160	To-10	7.50	5.00
LT-5034	60	20	60	To-3	7.50	5.00	LT-5105*	60	40	160	To-3	7.50	5.00
LT-5035	100	20	20	To-13	9.00	6.00	LT-5106*	80	40	40	To-13	9.00	6.00
LT-5036	100	20	20	To-10	9.00	6.00	LT-5107*	80	40	40	To-10	9.00	6.00
LT-5037	100	20	40	To-13	10.50	7.00	LT-5108*	80	40	40	To-3	9.00	6.00
LT-5038	100	20	40	To-10	10.50	7.00	LT-5109*	80	40	80	To-13	13.50	9.00
LT-5039	100	20	40	To-3	10.50	7.00	LT-5110*	80	40	80	To-10	13.50	9.00
LT-5040	100	20	60	To-13	12.75	8.50	LT-5111*	80	40	80	To-3	13.50	9.00
LT-5041	100	20	60	To-10	12.75	8.50	LT-5112*	80	40	160	To-13	12.75	8.50
LT-5042	100	20	60	To-3	12.75	8.50	LT-5113*	80	40	160	To-10	12.75	8.50
LT-5043	120	20	20	To-13	12.00	8.00	LT-5114*	80	40	160	To-3	12.75	8.50
LT-5044	120	20	20	To-10	12.00	8.00	LT-5115*	100	40	40	To-13	12.00	8.00
LT-5045	120	20	20	To-3	12.00	8.00	LT-5116*	100	40	40	To-10	12.00	8.00
LT-5046	120	20	40	To-13	16.50	11.00	LT-5117*	100	40	40	To-3	12.00	8.00
LT-5047	120	20	40	To-10	16.50	11.00	LT-5118*	100	40	80	To-13	16.50	11.00
LT-5048	120	20	40	To-3	16.50	11.00	LT-5119*	100	40	80	To-10	16.50	11.00
LT-5049	120	20	60	To-13	22.50	15.00	LT-5120*	100	40	80	To-3	16.50	11.00
LT-5050	120	20	60	To-10	22.50	15.00	LT-5121*	100	40	160	To-13	30.00	20.00
LT-5051	120	20	60	To-3	22.50	15.00	LT-5122*	100	40	160	To-10	30.00	20.00
LT-5052*	30	30	30	To-13	3.75	2.50	LT-5123*	100	40	160	To-3	30.00	20.00
LT-5053*	30	30	30	To-10	3.75	2.50	LT-5124	80	30	30-75	To-10	12.38	8.25
LT-5054*	30	30	30	To-3	3.75	2.50	LT-5126	80	30	30-75	To-10	12.90	8.60
LT-5055*	30	30	60	To-13	3.35	3.70	LT-5130	80	30	20-50	To-10	11.50	7.70
LT-5056*	30	30	60	To-10	5.55	3.70	LT-5131	80	30	20-50	To-10	12.00	8.00
LT-5057*	30	30	60	To-3	5.55	3.70	LT-5132	80	30	20-50	To-10	11.55	7.70
LT-5058*	30	30	100	To-13	6.00	4.00	LT-5132A	28	30	20-50	To-10	12.00	8.00
LT-5059*	30	30	100	To-10	6.00	4.00	LT-5133	80	30</				

# HUGHES - SEMICONDUCTORS - GE



## GERMANIUM TRANSISTORS

Type	Max Col Mv	Max Col V	Max Col Ma	DC Cur Gain	Cut off Mc*	Use	NET† 1-99
2N34	240	-30	-300	53	1.3	PNP-AF	4.40
2N43A	155	-25	-	53	1.3	PNP-AF	4.40
2N44	240	-30	-300	31	1.0	PNP-AF	2.90
2N78	65	16	20	70	9.0	NPN-Co	3.75
2N107	50	-6	-10	20	1.0	PNP-AF	1.00
2N123	150	-15	-125	30†	8.0	PNP-Co	5.40
2N135	100	-12	-50	20	4.5	PNP-IF	2.15
2N136	100	-12	-50	40	6.5	PNP-RF	2.55
2N137	100	-6	-20	60	10.0	PNP-RF	6.20
2N167	75	30	75	30	9.0	NPN-Co	6.45
2N168A	65	15	20	40	8.0	NPN	2.06
2N169	65	15	20	72	9.0	NPN-IF	2.90
2N169A	65	25	20	72	9.0	NPN-IF	1.56
2N170	55	6	20	20	4.0	NPN-RF	1.30
2N186	100	-25	-200	24	0.8	PNP-AF	1.80
2N186A	200	-25	-200	24	0.8	PNP-AF	1.95
2N187	100	-25	-200	36	1.0	PNP-AF	1.85
2N187A	200	-25	-200	36	1.0	NPN-AF	1.85
2N188	100	-25	-200	54	1.2	PNP-AF	1.90
2N188A	200	-25	-200	54	1.2	PNP-AF	1.90
2N189	75	-25	-50	24	0.8	PNP-AF	1.75
2N190	75	-25	-50	36	1.0	PNP-AF	1.75
2N191	75	-25	-50	54	1.2	PNP-AF	1.85
2N192	75	-25	-50	75	1.5	PNP-AF	1.96
2N241	100	-25	-200	73	1.3	PNP-AF	2.00
2N241A	200	-25	-200	73	1.3	PNP-AF	2.00
2N265	75	-25	-50	110	1.5	PNP-AF	2.06
2N292	65	15	20	25	6.0	NPN-IF	1.75
2N293	65	15	20	25	7.0	NPN-IF	1.96
2N319	240	-20	-200	33	2.0	PNP-AF	1.85
2N320	240	-20	-200	48	2.5	PNP-AF	1.90
2N321	240	-20	-200	48	3.0	PNP-AF	2.00
2N322	140	-16	-100	70	2.0	PNP-AF	1.75
2N323	140	-16	-100	90	2.5	PNP-AF	1.85
2N324	140	-16	-100	80	3.0	PNP-AF	1.96
2N394	150	-10	-200	20	5.5	PNP-AF	2.35
2N395	150	-15	-200	25†	7.0	PNP-Co	3.40
2N396	150	-20	-200	30†	7.0	PNP-Co	4.85
2N397	150	-10	-250	30†	10.0	PNP-Co	8.05
2N404	120	-24	-100	—	12.0	PNP-SW	2.96
2N450	140	-16	-125	30†	6.0	PNP-Co	2.75
2N508	150	-12	-125	60	3.5	PNP-AF	2.06
2N518	225	-45	-500	35	2.0	PNP-SW	6.65
2N524	225	-45	-500	35	2.5	PNP-SW	3.25
2N525	225	-45	-500	73	3.0	PNP-SW	3.55
2N527	225	-45	-500	81	3.3	PNP-SW	4.15
2N634	150	20	300	15	8.0	NPN-SW	5.00
2N635	150	20	300	25	12.0	NPN-SW	6.65
2N636	150	20	300	35	17.0	NPN-SW	5.10
2N1056	240	-50	-100	32	1.0	PNP-Co	3.25
2N1057	240	-30	-300	58	1.3	PNP-Co	5.80
3N36	30	7	30	—	50.0	Tet Osc	8.35
3N37	30	7	20	—	90.0	Tet Osc	9.50

Av. shpg. wt. all items 2 oz. \* = Typical Values, † = Minimum Values Collector dissipation at 25°C. Tet = NPN Tetraode. ‡ Write for quantity prices. (♦) MIL - type available. Co = Computer.

## GENERAL ELECTRIC TRANSISTOR MANUAL

More than 100,000 hams, hobbyists, technicians, universities and engineers now have used the second edition of this invaluable manual. This third edition is 50% larger and more useful. Discussions on: Basic semiconductor Theory, Transistor Applications, Specifications of G.E. Transistors, Listings of over 175 JETEC types, Circuit Diagrams, Transistor Construction Technique, Symbols, RETMA Transistor Types and Transistor Radio Cross Reference Chart. New plastic binding.

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## GERMANIUM DIODES AND RECTIFIERS

TYPE	PIV	MAXIMUM		1 CYCLE SURGE*	NET 1-99	NET 100†	TYPE		PIV	MAXIMUM		1 CYCLE SURGE*	NET 1-99	NET 100†
		MA @	°C				MA @	°C						
IN609	150	800	135	15A	2.20	1.45	IN609	150	800	135	15A	2.20	1.45	
IN609A	150	800	135	15A	2.30	1.55	IN610	200	800	135	15A	2.40	1.60	
IN610	200	800	135	15A	2.40	1.60	IN610A	200	800	135	15A	2.80	1.90	
IN610A	200	800	135	15A	2.80	1.90	IN611	300	800	135	15A	2.85	1.90	
IN611	300	800	135	15A	2.85	1.90	IN611A	300	800	135	15A	3.60	2.40	
IN611A	300	800	135	15A	3.60	2.40	IN612	400	800	135	15A	3.80	2.55	
IN612	400	800	135	15A	3.80	2.55	IN612A	400	800	135	15A	4.95	3.30	
IN612A	400	800	135	15A	4.95	3.30	IN613	500	600	135	15A	6.30	4.20	
IN613	500	600	135	15A	6.30	4.20	IN613A	500	600	135	15A	7.10	4.75	
IN613A	500	600	135	15A	7.10	4.75	IN614	600	600	135	15A	9.20	6.20	
IN614	600	600	135	15A	9.20	6.20	IN614A	600	600	135	15A	10.35	6.90	
IN614A	600	600	135	15A	10.35	6.90	IN1095	500	425	100	15A	5.25	3.50	
IN1095	500	425	100	15A	5.25	3.50	IN1096	600	350	100	15A	7.50	5.00	
IN1096	600	350	100	15A	7.50	5.00	IN1100	100	500	100	15A	1.80	1.20	
IN1100	100	500	100	15A	1.80	1.20	IN1101	200	500	100	15A	2.10	1.40	
IN1101	200	500	100	15A	2.10	1.40	IN1102	300	500	100	15A	2.65	1.90	
IN1102	300	500	100	15A	2.65	1.90	IN1103	400	500	100	15A	4.25	2.85	
IN1103	400	500	100	15A	4.25	2.85	IN1115	100	1.5A	850	15A	2.20	1.45	
IN1115	100	1.5A	850	15A	2.20	1.45	IN1116	200	1.5A	850	15A	2.55	1.70	
IN1116	200	1.5A	850	15A	2.55	1.70	IN1117	300	1.5A	850	15A	3.15	2.10	
IN1117	300	1.5A	850	15A	3.15	2.10	IN1118	400	1.5A	850	15A	5.10	3.40	
IN1118	400	1.5A	850	15A	5.10	3.40	IN1119	500	1.5A	850	15A	7.35	4.90	
IN1119	500	1.5A	850	15A	7.35	4.90	IN1120	600	1.5A	850	15A	10.35	6.90	
IN1120	600	1.5A	850	15A	10.35	6.90	IN1487	100	250	125	15A	.75	.50	
IN1487	100	250	125	15A	.75	.50	IN1488	200	250	125	15A	1.00	.65	
IN1488	200	250	125	15A	1.00	.65	IN1489	300	250	125	15A	1.30	.85	
IN1489	300	250	125	15A	1.30	.85	IN1490	400	250	125	15A	1.65	1.10	
IN1490	400	250	125	15A	1.65	1.10	IN1491	500	250	125	15A	2.20	1.45	
IN1491	500	250	125	15A	2.20	1.45	IN1492	600	250	95	15A	2.75	1.85	
IN1492	600	250	95	15A	2.75	1.85	IN1692	100	250	100	—	.70	.45	
IN1692	100	250	100	—	.70	.45	IN1693	200	250	100	—	.90	.60	
IN1693	200	250	100	—	.90	.60	IN1694	300	250	100	—	1.10	.75	
IN1694	300	250	100	—	1.10	.75	IN1695	400	250	100	—	1.30	.85	
IN1695	400	250	100	—	1.30	.85	IN2154	50	25A	145	300A	5.20	—	
IN2154	50	25A	145	300A	5.20	—	IN2154R	50	25A	145	300A	5.20	—	
IN2154R	50	25A	145	300A	5.20	—	IN2155	100	25A	145	300A	6.80	—	
IN2155	100	25A	145	300A	6.80	—	IN2155R	100	25A	145	300A	6.80	—	
IN2155R	100	25A	145	300A	6.80	—	IN2156	200	25A	145	300A	9.60	—	
IN2156	200	25A	145	300A	9.60	—	IN2156R	200	25A	145	300A	9.60	—	
IN2156R	200	25A	145	300A	9.60	—	IN2157	300	25A	145	300A	13.60	—	
IN2157	300	25A	145	300A	13.60	—	IN2157R	300	25A	145	300A	13.60	—	
IN2157R	300	25A	145	300A	13.60	—	IN2158	400	25A	145	300A	19.50	—	
IN2158	400	25A	145	300A	19.50	—	IN2158R	400	25A	145	300A	19.50	—	
IN2158R	400	25A	145	300A	19.50	—	IN2159	500	25A	145	300A	26.10	—	
IN2159	500	25A	145	300A	26.10	—	IN2159R	500	25A	145	300A	26.10	—	
IN2159R	500	25A	145	300A	26.10	—	IN2160	600	25A	145	300A	40.00	—	
IN2160	600	25A	145	300A	40.00	—	IN2160R	600	25A	145	300A	40.00	—	
IN2160R	600	25A	145	300A	40.00	—								

## GERMANIUM DIODES AND RECTIFIERS

TYPE	PIV	MAXIMUM		1 CYCLE SURGE*	NET 1-99
		MA @	°C		
IN901	100	150	85	25A	.80
IN92	200	100	55	25A	1.90
IN93	300	75	55	25A	2.65
IN151	100	500	55	25A	2.15
IN152	200	500	55	25A	2.70
IN153	300	500	55	25A	3.60
IN158	380	500	55	25A	5.50
IN315	100	100	85	10A	2.55
IN348	200	100	85	10A	2.55

† Similar to IN1115 series but with lower leakage current -60PCS (♦) MIL-type available Av. shpg. wt. all items 2oz.

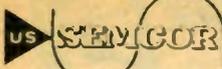
## SILICON TRANSISTORS (NPN)

Type	MAX COLL MW	MAX COLL V	MAX COLL MA	CUT OFF MC	USE	NET	
						1-99	100†
2N333	150	45	25	12	AF	16.00	10.65
2N334	150	45	25	13	AF	16.00	10.65
2N335	150	45	25	14	AF	21.40	14.25
2N336	150	45	25	15	AF	23.40	15.60
2N337	125	45	20†	30	AF	18.90	12.60
2N338	125	45	20†	54	AF	25.60	17.05
2N489	350†	45	50†	9	UN	12.00	8.00
2N490	350†	55	50†	7	UN	12.75	8.50
2N491	350†	45	50†	8	UN	12.40	8.25
2N492	350†	55	50†	7	UN	13.10	8.75

† = RMS Power dissipation - Stabilized  
 ‡ = RMS Emitter current  
 Un = Unijunction AF = Audio Frequency  
 Av. shpg. wt. all items 2 oz.

## SILICON CONTROLLED RECTIFIERS

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# SEMICONDUCTORS • CAPACITORS

## ZENER DIODES

### Reference Element

(Fig 1) Av. shgp. wt., 2 oz. All are 15 ohms max. impd. at 10 ma.

JEDEC Number	SEMCON Number	Temp. Coeff. $\frac{\Delta V}{\Delta T}$ $\frac{mV}{^{\circ}C}$	Max. mV temp. Range	Voltage @ 10 ma.	Net 1-99
1N2163	1210	.005	33	9.0-9.8	6.90
1N2163A	1210A	.005	33	9.2-9.8	8.63
1N2164	1211	.005	86	9.0-9.8	8.63
1N2164A	1211A	.005	86	9.2-9.8	10.35
1N2165	1212	.005	115	9.0-9.8	10.35
1N2165A	1212A	.005	115	9.2-9.8	12.65
1N2166	1213	.001	7	9.0-9.8	14.95
1N2166A	1213A	.001	7	9.2-9.8	18.40
1N2167	1214	.001	17	9.0-9.8	19.55
1N2167A	1214A	.001	17	9.2-9.8	25.00
1N2168	1215	.001	23	9.0-9.8	28.75
1N2168A	1215A	.001	23	9.2-9.8	38.00
1N2169	1216	.0005	4	9.0-9.8	50.60
1N2169A	1216A	.0005	4	9.2-9.8	57.50
1N2170	1217	.0005	9	9.0-9.8	57.50
1N2170A	1217A	.0005	9	9.2-9.8	69.00
1N2171	1218	.0005	12	9.0-9.8	69.00
1N2171A	1218A	.0005	12	9.2-9.8	86.25

### Low Power

Av. shgp. wt., 2 oz. tolerance  $\pm 10\%$ . SEMCON No. indicates zener voltage at 25°C. Fig. 3 'SZ' series @ 200mw. Fig. 4 'LZ' series @ 400MW. Fig. 2 'Z' and 'ZT' series @ 150 mw. 'ZT' same as 'Z' except only one anode; deduct 10% from 'Z' prices for 'ZT'.

PART NUMBER JEDEC	SEMCON	NET 1-99	PART NUMBER JEDEC	SEMCON	NET 1-99
1N-1927	SZ-3.9	4.69	1N-1963	LZ-22	4.88
1N-1928	SZ-4.7	4.69	1N-1964	LZ-27	4.88
1N-1929	SZ-5.6	4.69	1N-1965	LZ-33	4.88
1N-1930	SZ-6.8	4.69	1N-1966	LZ-39	4.88
1N-1931	SZ-8.2	4.69	1N-1967	LZ-47	4.88
1N-1932	SZ-10	4.06	1N-1968	LZ-56	4.88
1N-1933	SZ-12	4.06	1N-1969	LZ-68	4.88
1N-1934	SZ-15	4.06	1N-1970	LZ-82	4.88
1N-1935	SZ-18	4.06	1N-1971	LZ-100	4.88
1N-1936	SZ-22	4.06	1N-1981	Z-12	3.25
1N-1937	SZ-27	4.06	1N-1982	Z-15	3.25
1N-1938	SZ-33	4.06	1N-1983	Z-18	3.25
1N-1939	SZ-39	4.06	1N-1984	Z-22	3.25
1N-1940	SZ-47	4.06	1N-1985	Z-27	3.25
1N-1941	SZ-56	4.06	1N-1986	Z-33	3.25
1N-1942	SZ-68	4.06	1N-1987	Z-39	3.25
1N-1943	SZ-82	4.06	1N-1988	Z-47	3.25
1N-1944	SZ-100	4.06	1N-1989	Z-56	3.25
1N-1954	LZ-3.9	5.63	1N-1990	Z-22	3.25
1N-1955	LZ-4.7	5.63	1N-1991	Z-27	3.25
1N-1956	LZ-5.6	5.63	1N-1992	Z-33	3.25
1N-1957	LZ-6.8	5.63	1N-1993	Z-39	3.25
1N-1958	LZ-8.2	5.63	1N-1994	Z-47	3.25
1N-1959	LZ-10	4.88	1N-1995	Z-56	3.25
1N-1960	LZ-12	4.88	1N-1996	Z-68	3.25
1N-1961	LZ-15	4.88	1N-1997	Z-82	3.25
1N-1962	LZ-18	4.88	1N-1998	Z-100	3.25

### Medium Power

Av. shgp. wt., 2 oz. Tolerance  $\pm 10\%$ . SEMCON No. indicates zener voltage at 25°C, 10 watts. Fig. 5 'PZ' series. Fig. 6 'LPZ' series.

PART NUMBER JEDEC	SEMCON	NET 1-99	PART NUMBER JEDEC	SEMCON	NET 1-99
1N-1891	PZ-8.2	6.25	1N-1875	LPZ-8.2	6.25
1N-1892	PZ-10	6.25	1N-1876	LPZ-10	6.25
1N-1893	PZ-12	6.25	1N-1877	LPZ-12	6.25
1N-1894	PZ-15	6.25	1N-1878	LPZ-15	6.25
1N-1895	PZ-18	6.25	1N-1879	LPZ-18	6.25
1N-1896	PZ-22	6.25	1N-1880	LPZ-22	6.25
1N-1897	PZ-27	6.00	1N-1881	LPZ-27	6.00
1N-1898	PZ-33	6.00	1N-1882	LPZ-33	6.00
1N-1899	PZ-39	6.00	1N-1883	LPZ-39	6.00
1N-1900	PZ-47	6.00	1N-1884	LPZ-47	6.00
1N-1901	PZ-56	6.00	1N-1885	LPZ-56	6.00
1N-1902	PZ-68	6.00	1N-1886	LPZ-68	6.00
1N-1903	PZ-82	6.00	1N-1887	LPZ-82	6.00
1N-1904	PZ-100	6.00	1N-1888	LPZ-100	6.00

## RECTIFIER DIODES

### Low Power

Av. shgp. wt. 2 oz. SEMCON NO. indicates peak inverse voltage. Rig. 2 'R' series @ 150 MW. Fig. 3 'SR' series @ 200 MW. Fig. 4 'LR' series @ 400 MW.

PART NUMBER JEDEC	SEMCON	NET 1-99	PART NUMBER JEDEC	SEMCON	NET 1-99
1N-1839	R-6.8	2.10	1N-1857	LR-68	3.42
1N-1840	R-10	2.10	1N-1858	LR-100	3.68
1N-1841	R-15	2.10	1N-1859	LR-150	3.90
1N-1842	R-22	2.10	1N-1860	LR-220	4.73
1N-1843	R-33	2.10	1N-1861	LR-330	5.63
1N-1844	R-47	2.28	1N-1862	LR-470	6.09
1N-1845	R-68	2.28	1N-1863	SR-68	2.63
1N-1846	R-100	2.45	1N-1864	SR-100	2.63
1N-1847	R-150	2.93	1N-1865	SR-150	3.66
1N-1848	R-220	3.15	1N-1866	SR-220	2.63
1N-1849	R-330	3.75	1N-1867	SR-330	2.63
1N-1850	R-470	4.06	1N-1868	SR-470	2.85
1N-1851	LR-6.8	3.15	1N-1869	SR-68	2.85
1N-1852	LR-10	3.15	1N-1870	SR-100	3.06
1N-1853	LR-15	3.15	1N-1871	SR-150	3.66
1N-1854	LR-22	3.15	1N-1872	SR-220	3.94
1N-1855	LR-33	3.15	1N-1873	SR-330	4.69
1N-1856	LR-47	3.42	1N-1874	SR-470	5.08

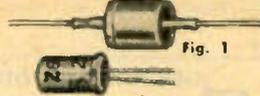


Fig. 1

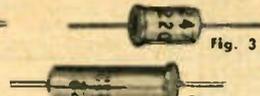


Fig. 2



Fig. 3

Fig. 5



Fig. 4



Fig. 6

## RECTIFIER DIODES

### Medium Power

Av. shgp. wt., 2 oz. SEMCON NO. indicates peak inverse voltage. Fig. 1 'LPR' series @ 2w. Fig. 5 'PR' series @ 10 watts with heat sink.

PART NUMBER JEDEC	SEMCON	NET 1-99	PART NUMBER JEDEC	SEMCON	NET 1-99
1N-1907	LPR-50	1.80	1N-1917	PR-50	1.80
1N-1908	LPR-100	2.00	1N-1918	PR-100	2.00
1N-1909	LPR-200	2.70	1N-1919	PR-200	2.70
1N-1910	LPR-300	3.38	1N-1920	PR-300	3.38
1N-1911	LPR-400	4.73	1N-1921	PR-400	4.73
1N-1912	LPR-500	6.50	1N-1922	PR-500	6.50
1N-1913	LPR-600	8.25	1N-1923	PR-600	8.25
1N-1914	LPR-700	10.25	1N-1924	PR-700	10.25

### Medium Power — Low Cost

Av. shgp. wt. 2 oz. SEMCON No. indicates peak inverse voltage. Similar to series LPR-LPR except lower forward conduction and higher saturation current. Fig. 5 'RR' series @ 6 watts with heat sink. Fig. 1 'LRR' series @ 1 watt.

PART NUMBER JEDEC	SEMCON	NET 1-99	PART NUMBER JEDEC	SEMCON	NET 1-99
1N-2103	LRR-50	1.45	1N-2107	RR-50	1.40
1N-2104	LRR-100	1.50	1N-2108	RR-100	1.45
1N-2105	LRR-200	1.55	1N-2109	RR-200	1.50
1N-2106	LRR-300	1.60	1N-2110	RR-300	1.55
1N-2107	LRR-400	1.75	1N-2111	RR-400	1.60
1N-2108	LRR-500	1.75	1N-2112	RR-500	1.60
1N-2109	RR-50	1.40	1N-2113	RR-600	1.70
1N-2110	RR-100	1.45	1N-2114	RR-700	1.70
1N-2111	RR-200	1.50			
1N-2112	RR-300	1.55			
1N-2113	RR-400	1.60			
1N-2114	RR-500	1.70			

### High Voltage

Av. shgp. wt. 2 oz. Exceeds ALL Specs. "A" Part No. denotes grounded anode. Ratings are at 25°C.

SEMCON No.	Fig.	PIV	Max Rev. $\mu a$	Avg Rect. $\mu a$	Net 1-99
51134	1	1000	100	700	10.00
51134A	1	1000	100	700	10.00
51136	5	1000	100	700	10.00
51136A	5	1000	100	700	10.00
51137	5	1000	100	700	11.20
51137A	5	1000	100	700	11.20
51135	1	1000	100	700	11.20
51135A	1	1000	100	700	11.20

## E.I.A.—RECTIFIER

### Low Power

No.	Max Rev. Volt	Zener Volt min	Rev. $\mu a$	Avg Rect. ma	Net 1-99
1N200	6.8	7.5	0.5	85	2.80
1N201	8.2	9	0.5	77	2.80
1N202	10	11	0.5	70	2.80
1N203	12	13.5	0.5	65	2.80
1N204	15	17	0.5	50	2.80
1N205	18	20	0.1	50	2.80
1N206	22	25	0.1	45	2.80
1N207	27	30	0.1	40	2.80
1N208	33	37	0.1	35	2.80
1N209	39	43	0.1	30	2.80
1N210	47	52	0.1	27	2.80
1N211	56	62	1	28	2.80
1N212	68	75	1	19	2.80
1N213	82	90	1	16	2.80
1N214	100	110	1	12.5	2.95
1N215	120	135	1	11	2.95
1N216	150	170	5	9.5	2.95
1N217	180	200	5	9	2.95
1N218	220	250	5	8	2.95
1N219	270	300	5	7.5	2.95
1N220	330	370	5	7	4.05
1N221	390	430	5	6	4.25
1N222	470	52	5	5.5	4.50
1N137A	36	40	0.03	21	2.50
1N138A	18	20	0.01	35	2.50

## E.I.A. ZENERS DIODES

### Double Anode

PART NO.	Zener Volt Min	Zener Volt Max	(MA) @ Izdc	Zener Imped. $\Delta V$	Net 1-99
1N471	3.0	3.9	5	50	5.20
1N472	3.7	4.5	5	45	5.20
1N473	4.3	5.4	5	40	5.20
1N474	5.2	6.1	5	20	5.20
1N475	6.2	8.0	5	10	5.20
1N225	7.5	10	0.2	5	5.25
1N226	9	12	0.2	5	5.25
1N227	11	14.5	0.2	5	5.25
1N228	13.5	18	0.2	5	5.25
1N229	17	21	0.2	5	5.25
1N230	20	27	0.2	6.00	6.00
1N231	25	32	0.2	6.00	6.00
1N232	30	39	0.2	6.00	6.00
1N233	37	45	0.2	6.00	6.00

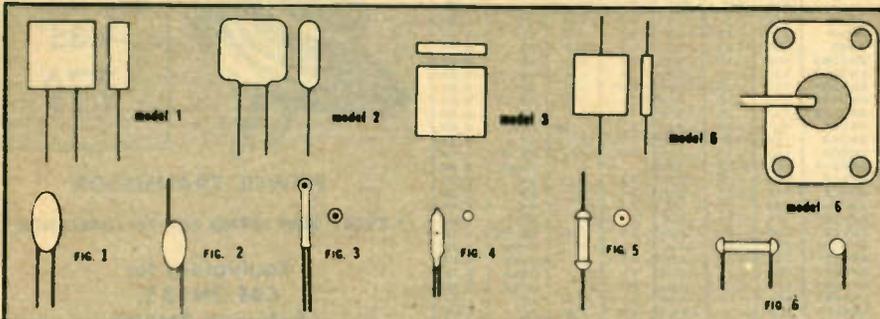
## E.I.A. ZENERS DIODES

### Single Anode

No.	Zener Volts Min	Max	Max Rev. Ma	Ohms Avg	Net 1-99
1N465	2.00	3.2	75	15	3.50
1N466	3.0	3.9	50	10	3.50
1N467	3.7	4.5	5	30	3.50
1N468	4.3	5.4	5	25	3.50
1N469	5.2	6.1	5	10	3.50
1N470	6.2	8.0	5	5	3.50
1N1313	7.5	10	0.5	25	3.25
1N1314	9	12	0.5	30	3.25
1N1315	11	14.5	0.5	30	3.25
1N1316	13.5	1			

# GLENNITE-VECO-THERMISTORS — Semiconductors

## GLENNITE THERMISTORS A REMARKABLE ADDITION TO THE FIELD OF ELECTRONIC CIRCUITRY



**GLENNITE THERMISTORS** are ceramic temperature-sensitive resistors which exhibit high negative coefficients of resistance. These semi-conductors possess resistance values which vary by a ratio of 10 millian to 1, from  $-100^{\circ}\text{C}$  to  $450^{\circ}\text{C}$ . Available in resistance values from ohms to megohms. Excellent stability and high sensitivity in a small, rugged unit. **APPLICATIONS:** Temperature sensing, Temperature compensation, Amplitude control, Time delay, Measurements and analyses, Liquid level detection and many others. **STYLES AVAILABLE:** Wafer, Bead, Bead in probe, Bead in bulb, Rod. All resistances and temperature coefficients at  $25^{\circ}\text{C}$ . Dissipation measurements—suspended by leads in still air, except as noted.

**WAFER**—max. oper. temp.  $150^{\circ}\text{C}$ . 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. \*\*requires close contact with good thermal sink. Av. shgp. wt., 1 oz.

No.	Model	ohms	Resis. Temp. Coeff./ $^{\circ}\text{C}$	Dissip. K MW/ $^{\circ}\text{C}$	Net 10-24	25up
11TE1	1	$10 \pm 10\%$	-3.9%	7.9	1.40	1.20 .95
11TE2	2	$10 \pm 10\%$	-3.9%	7.9	1.75	1.45 1.15
11TE3	3	$10 \pm 10\%$	-3.9%	7.9	1.00	.85 .65
11TE5	5	$10 \pm 10\%$	-3.9%	7.9	1.70	1.40 1.10
12TE1	1	$20 \pm 10\%$	-3.9%	4.7	1.40	1.20 .95
12TE2	2	$20 \pm 10\%$	-3.9%	4.7	1.75	1.45 1.15
12TE3	3	$20 \pm 10\%$	-3.9%	4.7	1.00	.85 .65
12TE5	5	$20 \pm 10\%$	-3.9%	4.7	1.70	1.40 1.10
15TE1	1	$50 \pm 10\%$	-3.9%	3.2	1.40	1.20 .95
15TE2	2	$50 \pm 10\%$	-3.9%	3.2	1.70	1.40 1.10
15TE3	3	$50 \pm 10\%$	-3.9%	3.2	.90	.75 .60
15TE5	5	$50 \pm 10\%$	-3.9%	3.2	1.60	1.30 1.05
21TE1	1	$100 \pm 10\%$	-3.9%	2.5	1.30	1.05 .85
21TE2	2	$100 \pm 10\%$	-3.9%	2.5	1.65	1.35 1.10
21TE3	3	$100 \pm 10\%$	-3.9%	2.5	.85	.70 .55
21TE5	5	$100 \pm 10\%$	-3.9%	2.5	1.40	1.20 .95
21TD1	1	$100 \pm 10\%$	-4.4%	7.8	1.40	1.20 .95
21TD2	2	$100 \pm 10\%$	-4.4%	7.8	1.75	1.45 1.15
22TD3	3	$200 \pm 10\%$	-4.4%	4.0	1.00	.85 .65
21TD5	5	$100 \pm 10\%$	-4.4%	7.8	1.70	1.40 1.10
22TD1	1	$200 \pm 10\%$	-4.4%	4.0	1.40	1.20 .95
22TD2	2	$200 \pm 10\%$	-4.4%	4.0	1.75	1.45 1.15
22TD3	3	$200 \pm 10\%$	-4.4%	4.0	1.00	.85 .65
22TD5	5	$200 \pm 10\%$	-4.4%	4.0	1.70	1.40 1.10
25TD1	1	$500 \pm 10\%$	-4.4%	3.0	1.40	1.20 .95
25TD2	2	$500 \pm 10\%$	-4.4%	3.0	1.70	1.40 1.10
25TD3	3	$500 \pm 10\%$	-4.4%	3.0	.90	.75 .60
25TD5	5	$500 \pm 10\%$	-4.4%	3.0	1.60	1.30 1.05
31TD1	1	$1000 \pm 10\%$	-4.4%	2.6	1.30	1.05 .85
31TD2	2	$1000 \pm 10\%$	-4.4%	2.6	1.65	1.35 1.10
31TD3	3	$1000 \pm 10\%$	-4.4%	2.6	.85	.70 .55
31TD5	5	$1000 \pm 10\%$	-4.4%	2.6	1.40	1.20 .95
32TD1	1	$270 \pm 10\%$	-4.4%	3.8	1.40	1.20 .95
27MD1	6	$725 \pm 5\%$	-4.4%	150**	7.05	5.85 4.65
28MD1	6	$760 \pm 5\%$	-4.4%	150**	7.05	5.85 4.65
35TF1	1	$5000 \pm 10\%$	-4.9%	4.3	2.10	1.75 1.40
35TF2	2	$5000 \pm 10\%$	-4.9%	4.3	2.45	2.00 1.60
35TF3	3	$5000 \pm 10\%$	-4.9%	4.3	1.70	1.40 1.10
35TF5	5	$5000 \pm 10\%$	-4.9%	4.3	2.30	1.95 1.55
45TG1	1	$30K \pm 10\%$	-5.4%	4.6	2.10	1.75 1.40
45TG2	2	$30K \pm 10\%$	-5.4%	4.6	2.45	2.00 1.60
45TG3	3	$30K \pm 10\%$	-5.4%	4.6	1.70	1.40 1.10
45TG5	5	$30K \pm 10\%$	-5.4%	4.6	2.30	1.95 1.55
51TG1	1	$100K \pm 10\%$	-5.4%	4.2	2.00	1.65 1.35
51TG2	2	$100K \pm 10\%$	-5.4%	4.2	2.35	1.90 1.55
51TG3	3	$100K \pm 10\%$	-5.4%	4.2	1.60	1.30 1.05
51TG5	5	$100K \pm 10\%$	-5.4%	4.2	2.20	1.85 1.50
61TM1	1	$1 \text{ meg} \pm 10\%$	-6.8%	5.3	2.25	1.85 1.50
61TM2	2	$1 \text{ meg} \pm 10\%$	-6.8%	5.3	2.60	2.10 1.70
61TM3	3	$1 \text{ meg} \pm 10\%$	-6.8%	5.3	1.85	1.50 1.20
61TM5	5	$1 \text{ meg} \pm 10\%$	-6.8%	5.3	2.45	2.05 1.65

**BEAD**—Max. oper. temp.  $300^{\circ}\text{C}$ . \* leads tabbed—DC test. † not glass coated. Figure Key [see illustration]: (1) radial leads (2) offset axial leads (3) in glass probe (4) in glass bulb (5) axial leads (6) adjacent axial leads. Av. shgp. wt., 1 oz.

No.	Fig	ohms	Resis. Temp. Coeff./ $^{\circ}\text{C}$	Dissip. K MW/ $^{\circ}\text{C}$	Net 10-24	25up
31CH1	1	$1000 \pm 20\%$	-3.4%	0.5	3.70	3.05 2.45
31CH2	2	$1000 \pm 20\%$	-3.4%	0.5	3.70	3.05 2.45
31CB1	1	$1000 \pm 20\%$	-3.9%	0.7	3.00	2.50 2.00
31CB2	2	$1000 \pm 20\%$	-3.9%	0.7	3.00	2.50 2.00
32CH1	2	$2000 \pm 25\%$	-3.4%	0.1	4.00	3.35 2.65
32CH3	2	$2000 \pm 25\%$	-3.4%	0.1	6.00	4.85 3.90
32CB1	1	$2000 \pm 20\%$	-3.9%	0.7	2.75	2.30 1.85
32CB2	2	$2000 \pm 20\%$	-3.9%	0.7	2.75	2.30 1.85
35CB1	1	$5000 \pm 20\%$	-3.9%	0.7	3.25	2.70 2.15
35CB2	2	$5000 \pm 20\%$	-3.9%	0.7	3.25	2.70 2.15
36CB2	2	$5700 \pm 17\%$	-3.9%	0.3	4.85	4.05 3.20
38CB2	2	$8000 \pm 20\%$	-3.9%	0.1	4.00	3.35 2.65
38CX2	2	$8000 \pm 20\%$	-4.2%	0.4	4.00	3.35 2.65
41CB1	1	$10,000 \pm 20\%$	-3.9%	0.7	3.45	2.85 2.30
41CB2	2	$10,000 \pm 20\%$	-3.9%	0.7	3.45	2.85 2.30
45CA1	1	$50,000 \pm 20\%$	-4.6%	0.7	3.50	2.90 2.35
45CA2	2	$50,000 \pm 20\%$	-4.6%	0.7	3.50	2.90 2.35
45CD3	2	$47,000 \pm 30\%$	-4.4%	0.1	7.40	6.10 4.90
45CD5	2	$50,000 \pm 20\%$	-4.4%	0.1	5.20	4.30 3.45
51CA1	1	$100,000 \pm 15\%$	-4.6%	0.7	2.75	2.30 1.85
51CA2	2	$100,000 \pm 15\%$	-4.6%	0.7	2.75	2.30 1.85
51CA3	2	$100,000 \pm 20\%$	-4.6%	0.1	6.00	4.85 3.90
58CX2	2	$800,000 \pm 25\%$	-5.1%	0.7	4.85	4.05 3.20
65CX2	2	$5.3 \text{ meg} \pm 30\%$	-5.4%	0.1	6.00	4.85 3.90

**BEAD IN GLASS PROBE**—\* in bulb. \*\* in evacuated bulb. Av. shgp. wt. 1 oz.

No.	Fig	ohms	Resis. Temp. Coeff./ $^{\circ}\text{C}$	Dissip. K MW/ $^{\circ}\text{C}$	Net 10-24	25up
32PB1	3	$2000 \pm 20\%$	-3.9%	1	3.00	2.50 2.00
32PB2	3	$2000 \pm 20\%$	-3.9%	1	3.00	2.50 2.00
51PA1	3	$100,000 \pm 15\%$	-4.6%	1	3.00	2.50 2.00
51PA2	3	$100,000 \pm 15\%$	-4.6%	1	3.00	2.50 2.00
36BS1*	4	$5700 \pm 17\%$	-3.9%	—	6.55	5.40 4.35
65BS1*	4	$5.3 \text{ meg} \pm 30\%$	-5.4%	—	7.20	6.00 4.75

**ROD**—Max. oper. temp.  $150^{\circ}\text{C}$ . Lead length  $1\frac{1}{2}''$ . Av. shgp. wt. 1 oz.

No.	Fig	ohms	Resis. Temp. Coeff./ $^{\circ}\text{C}$	Dissip. K MW/ $^{\circ}\text{C}$	Net 10-24	25up
33RR1	5	$3.15K \pm 10\%$	-3.9%	4	2.10	1.75 1.40
36RR1	5	$6.3K \pm 10\%$	-3.9%	4	2.20	1.80 1.45
41RR1	5	$10K \pm 10\%$	-3.9%	6	2.25	1.85 1.50
43RD1	5	$31.5K \pm 10\%$	-4.4%	4	2.00	1.65 1.35
51RD1	5	$100K \pm 10\%$	-4.4%	6	2.10	1.75 1.40
51RD2	6	$100K \pm 10\%$	-4.4%	2.5	2.00	1.65 1.35

**EXPERIMENTAL ASST. NO. 1**—Contains 2 ea. of 11TE1, 11TE2, 12TE1, 21TE1, 21TE2, 21TD1, 31TD1, 31TD2, 35TF1, 45TG1, 51TG1, 61TM1. Shgp. wt., 10 oz. Net  $33.7^{\circ}\text{D}$

**EXPERIMENTAL ASST. NO. 2**—Contains 3 ea. of 11TE5, 12TE5, 21TE5, 21TD5, 2 ea. of 31TD5, 35TF5, 45TG5, 51TG5, 61TM5; 1 ea. of 27MD1, 28MD1. Shgp. wt., 10 oz. Net  $45.9^{\circ}\text{D}$

**EXPERIMENTAL ASST. NO. 3**—Contains 2 ea. of 31CH1, 31CH2, 31CB1, 31CB2, 32CH1, 32CB1, 45CA1, 45CA2, 45CD5, 51CA1, 51CA2, 51CA3. Shgp. wt., 10 oz. Net  $72.6^{\circ}\text{D}$

## VECO THERMISTORS

NO.	TYPE	OHMS	NET
14X2	Washer	$38 \pm 10\%$	1.75
21W1	Washer	$100 \pm 10\%$	1.75
21W4	Washer	$130 \pm 10\%$	1.75
23E3	Disc	$310 \pm 10\%$	1.00
31A1	Bead	$1,250 \pm 30\%$	3.20
31D7	Disc	$1,200 \pm 10\%$	1.05
34A3	Bead	$3,500 \pm 30\%$	4.20
51R2	Rod	$100,000 \pm 10\%$	2.00

Av. shgp. wt., 2 oz.

## VECO-TAP-A-THERMS

Versatile single thermistor unit with tapped resistance values. Av. shgp. wt., 7 oz.

NO.	OHMS	NET
T1001	200 to 1200	7.00
T3001	1,000 to 10,000	8.00
T3002	10,000 to 100,000	8.00

## VECO EXPERIMENTER KITS

M-168 — Includes 14X2, 21W4, 23E3, 31A1, 31D7 and others. With specs and data Wt., 1 lb. Net  $5.00$   
M-168A — Advanced assortment including tabulated units above. With specs and data Wt., 1 lb. Net  $10.00$   
A-815 — Washer mounting kit Wt., 6 oz. Net  $1.25$

## NEW! MOTOROLA POPULAR LOW COST 2N554



**AUDIO POWER TRANSISTOR 1.35**

• 40 WATT COLLECTOR DISSIPATION\*  
• 2 WATT CLASS A OUTPUT\*  
FREE with each 2N554 New Motorola Circuit Applications folder an HOW TO BUILD A TRANSISTORIZED AUDIO POWER AMPLIFIER, Power Control, Battery Charger, Model Power Supply, Model Train Control, Toy Electronic Organ, Geiger Counter and DC to DC Converter.  
\* With Heat Sink

## MOTOROLA POWER TRANSISTOR MOUNTING KITS

Neatly assembled power transistor mounting kits for popular diamond shaped power transistors. Shgp. wt., 4 oz.  
MK-10 Kit with teflon coated fiberglass insulating washer.  
MK-15 Same as above but with mica insulating washer.  
MK-20 Same as above, but with anodized aluminum insulating washer.

Type	1-24	Net 25-99	100-249
MK-10	.25	.20	.18
MK-15	.25	.20	.18
MK-20	.45	.40	.35

## SPECIAL SYLVANIA LOW COST TRANSISTORS

2N229 NPN AF	.65
2N233 NPN RF	.65
2N307 PNP 35V Power	1.35
2N1264 PNP RF-IF (drift)	1.30
2N1265 PNP IF-AF	.65
2N1266 PNP RF-IF	.65

## SYLVANIA LOW COST KITS

**UNIVERSAL DIODE KIT A** Consists of one each 1N34A, 1N38A, 1N60, 1N64 and 1N82A, together with diode replacement guide. Shgp. wt., 4 oz. Net  $2.95$   
**DETECTOR DIODE KIT B** Consists of two each 1N60, 1N64 and one 1N295. Shgp. wt., 3 oz. Net  $2.15$   
**UNIVERSAL AUTO TRANSISTOR KIT** Hanges of 5 each 2N242 transistors with replacement guide. Net  $13.45$   
**UNIVERSAL AUTOMOBILE REPLACEMENT TRANSISTOR 2N242.** Replaces all automobile diamond shaped PNP power transistors. Net  $2.89$

# LAFAYETTE - HOME OF SEMICONDUCTORS

## RAYTHEON DIODES AND RECTIFIERS GERMANIUM DIODES



Type	PIV	Fwd. Ma @ 1 V	Max. Inv. Us	Net 1-99
IN34	60	5	800 @ -50V	.52
IN34A	75	5	500 @ -50V	.53
IN60	25	5	200 @ -10V	.36
IN63A	100	5	800 @ -30V	1.40
IN66	80	5	50 @ -10V	.62
IN68A	80	4	50 @ -30V	1.04
IN67A	80	4	50 @ -50V	1.16
IN68	100	3	625 @ -100V	.99
IN69A	100	3	825 @ -100V	1.32
IN82A	5	30	Noise 14db	1.05
IN89	80	3.5	100 @ -30V	1.04
IN90	60	5	500 @ -30V	.49
IN95	80	10	800 @ -50V	.66
IN97	80	10	100 @ -30V	1.12
IN99	80	10	50 @ -50V	1.48
IN116	80	5	100 @ -50V	.83
IN117	60	10	100 @ -50V	.83
IN126	60	5	50 @ -10V	.57
IN126A	75	5	850 @ -50V	.57
IN127	100	3	25 @ -10V	1.06
IN127A	125	3	300 @ -50V	1.06
IN128	40	3	10 @ -50V	.83
IN191	90	5	25 @ -10V	1.18
IN192	70	5	20 @ -10V	.88
IN198	80	5	75 @ -10V	1.22
IN294	60	5	800 @ -50V	.66
IN294A	80	3.5	100 @ -50V	.91
IN295	40	35 @ 2V	200 @ -10V	.36
IN297	80	3.5	100 @ -50V	.91
IN297A	80	3.5	100 @ -50V	1.24
IN298	70	30 @ 2V	250 @ -10V	.93
IN298A	70	30 @ 2V	250 @ -10V	1.37
IN305*	60	100 @ .8V	20 @ -50V	3.30
IN306*	15	100 @ .8V	2 @ -10V	3.30
IN307*	125	100	20 @ -100V	3.30
CR709+	80	Ma ± 2.5%	±2.5% @ -10V	16.52
CR711+	80	—	30 @ 50V	16.52
CR718	40	—	each diode	.66
CR717+	80	Ma @ 1.5V	±2.5 @ -10V	16.52
CR719+	80	-2.5%	30 @ -50V	16.52
CR772	—	—	each diode	.71

Av. shgp. wt., 2 oz. \*GOLD BONDED + Four matched diodes M = MATCH Fwd Ma is minimum.

## SILICON DIODES AND RECTIFIERS

Type	PIV	Min. Fwd. Ma @ ±1V	Max. Inv. Us	Max. Rec. Ma @ 25°C	Net 1-99
IN253*	95	1A @ 1.5V	10 @ 100V	1A @ 135	2.39
IN254*	190	5A @ 1.5V	10 @ 100V	4A @ 135	2.83
IN255*	190	5A @ 1.5V	10 @ 380V	4A @ 135	5.60
IN256*	570	5A @ 2V	20 @ 570V	2A @ 135	11.40
IN300	15	1.5	.001 @ 10V	.85	5.78
IN300A	15	30	.001 @ 10V	.80	6.84
IN300B	15	30	.001 @ 10V	.80	6.84
IN301	70	5	.005 @ 50V	45	5.78
IN301A	70	18	.05 @ 50V	85	6.61
IN301B	70	50	.01 @ 10V	75	6.94
IN302	225	1	.2 @ 200V	30	6.61
IN302A	225	1	.2 @ 200V	40	6.61
IN302B	225	10	.01 @ 10V	55	6.61
IN303	125	3	1 @ 100V	40	5.78
IN303A	125	12	1 @ 100V	55	6.61
IN303B	125	50	.01 @ 10V	85	6.94
IN432	40	10	.005 @ 10V	55	5.78
IN432A	40	20	.005 @ 10V	70	6.61
IN432B	40	50	.005 @ 10V	85	6.94
IN1033	145	3	1 @ 125V	40	5.78
IN433A	145	10	1 @ 125V	50	7.43
IN433B	145	50	.01 @ 10V	80	7.77
IN434	180	2	1 @ 150V	35	5.78
IN434A	180	7	1 @ 150V	45	7.43
IN434B	180	20	.01 @ 10V	80	7.77
IN460	90	5	1 @ 75V	45	5.78
IN460A	90	15	1 @ 75V	60	6.61
IN460B	90	50	.01 @ 10V	70	6.94
IN537	30	25A @ .5V	2 @ 50V	.75A @ 165	1.16
IN537A	30	25A @ .5V	2 @ 100V	.75A @ 165	1.32
IN538*	200	25A @ .5V	2 @ 200V	.75A @ 165	1.73
IN539	300	25A @ .5V	2 @ 300V	.75A @ 165	2.22
IN540*	400	25A @ .5V	2 @ 400V	.75A @ 165	3.30
IN547	600	750	2 @ 600V	.75A @ 165	8.25
IN645	225	400	2 @ 225V	400 @ 150	3.28
IN646	300	400	2 @ 300V	400 @ 150	4.44
IN647	400	400	2 @ 400V	400 @ 150	5.77
IN648	500	400	2 @ 500V	400 @ 150	7.10
IN1095	500	750	2 @ 500V	.75A @ 165	5.77
IN1096	600	750	2 @ 600V	.75A @ 165	6.28
IN1763	300	500	100 @ 400V	.5A @ 165	1.25
IN1764	300	500	100 @ 500V	.5A @ 165	1.63
CR648	100	300	2 @ 100V	3.5A @ 165	4.55
CR647	300	300	2 @ 200V	3.5A @ 165	6.61
CR648	300	300	2 @ 300V	3.5A @ 165	10.74
CR649	400	300	2 @ 400V	3.5A @ 165	13.22
CR650	500	300	2 @ 500V	3.5A @ 165	16.52
CR651	600	300	2 @ 600V	3.5A @ 165	30.65
CR663	300	300	3 @ 275	20	9.91
CR663A	300	300	3 @ 275	30	11.96

Av. shgp. wt., 2 oz. \* MIL type available.

## RAYTHEON TRANSISTORS GERMANIUM TRANSISTORS PNP

Type	Max. Mw Col.	Max. V. Col.	Max. Ma. Col.	Gain Cur.	Ic. Cutoff	Use	Net 1-99
2N463	100	-22	-10	22	0.0	AF	3.72
2N464	100	-15	-10	45	0.8	AF	4.13
2N465	100	-12	-10	90	1.2	AF	4.55
2N1320A	100	-40	-100	22	0.6	AF	2.83
2N1311A	100	-30	-100	90	1.2	AF	2.83
2N1321A	100	-20	-100	90	1.2	AF	2.83
2N1330A	100	-15	-100	50	0.8	LN AF	2.97
2N1388	130	-30	-100	140	1	AF	2.90
2N155	6w	-30	-3A	32	.15	Power	2.83
2N467	168	-20	-400	100	1.2	AF Dr	1.25
2N468	168	-40	-400	50	1.2	AF	1.08
2N404*	120	-24	-100	—	4	Comp	2.90
2N413	150	-18	-200	25	3	RF	2.90
2N414	150	-15	-200	60	5	RF	2.28
2N416*	150	-12	-200	80	10	RF	5.78
2N417*	150	-10	-200	140	20	RF	7.43
2N422	150	-20	-100	50	0.8	LN AF	2.14
2N425*	150	-20	-400	30	4	Comp	4.30
2N426*	150	-18	-400	40	6	Comp	4.47
2N427*	150	-15	-400	55	11	Comp	6.70
2N428*	150	-12	-400	80	17	Comp	8.25
2N444*	168	-40	-400	22	0.6	AF	1.82
2N485*	168	-30	-400	45	0.8	AF	1.90
2N486*	168	-20	-400	90	1.2	AF	1.90
2N487*	168	-15	-400	180	1.2	AF	2.83
2N481	50	-12	-20	50	4	Use	1.48
2N482	50	-12	-20	50	3	IF	1.57
2N483	50	-10	-20	60	5	IF	1.95
2N484	50	-12	-20	90	9	IF	1.74
2N485	50	-10	-20	50	5	Conv	1.85
2N486	50	-10	-12	100	9	Conv	1.74
2N487	160	-25	-50	150	1.2	AF	1.74
2N488	160	-20	-50	150	1.2	AF	1.40
2N633	160	-35	-50	60	0.8	AF	1.32
2N658	175	-24	-1A	50	5	Comp	6.20
2N659	175	-20	-1A	70	10	Comp	9.09
2N660	175	-18	-1A	90	15	Comp	12.39
2N661	175	-12	-1A	120	20	Comp	16.11
2N662	175	-18	-1A	60	8	Comp	9.09
2N1017	170	-30	-100	25	Comp	5.25	
CR131	150	-18	-200	25	3	IF RF	4.13
CR147	150	-15	-200	40	5	IF RF	5.38
CR148	150	-12	-200	80	10	IF RF	7.27
CR171	150	-10	-200	140	20	IF RF	9.09
CR227	150	-20	-100	50	0.8	LN AF	3.72
CR251	150	-20	-400	30	4	Comp	5.29
CR269	150	-18	-400	40	6	Comp	5.45
CR271	150	-15	-400	55	11	Comp	8.01
CR281	150	-12	-400	80	17	Comp	11.16
CR647	168	-40	-400	22	0.6	AF	3.05
CR657	168	-30	-400	45	0.8	AF	3.22
CR658	168	-20	-400	60	1.2	AF	3.39
CR671	168	-15	-400	180	1.2	AF	3.72
CR721	180	-15	-10	45	0.8	AF	2.40
CR722	180	-22	-10	45	0.6	AF	2.50
CR748	150	-15	-100	20	2.5	IF RF	1.50

Av. shgp. wt., 2 oz. \* MIL type available; \* Submitting AF = Audio Frequency; LN = Low Noise; Pwr = Power; Dr = Driver; Comp = Computer; RF = Radio Frequency; Osc = Oscillator; IF = Intermediate Frequency; Conv = Converter.

## SILICON TRANSISTORS

Type	Max. Mw Col.	Max. V. Col.	Max. Ma. Col.	Cur. Gain	Cutoff Ic.	Use	Net 1-99
2N277A	337	-30	-100	15	0.2	PNP	14.87
2N328A	337	-100	20	0.3	PNP	24.43	
2N329A	337	-50	-100	60	0.4	PNP	39.65
2N619	337	40	100	15	0.2	NPN	14.87
2N620	337	30	100	30	0.35	NPN	26.43
2N621	337	20	100	60	0.5	NPN	39.65
2N1034	385	35	100	15	0.2	PNP	12.77
2N1035	385	35	—	30	0.3	PNP	23.25
2N1036	385	30	—	60	0.4	PNP	35.00
2N1037	385	35	—	30	0.25	PNP	26.77
2N1074	385	40	50	15	0.2	NPN	14.87
2N1075	385	35	50	30	0.35	NPN	26.43
2N1076	385	30	50	60	0.5	NPN	39.65
2N1077	385	30	50	25	0.5	NPN	20.74

Av. shgp. wt., 2 oz.

## SILICON TRANSISTOR KIT B

- 6 TRANSISTORS
- 1N34A DIODE
- 40-PG. BOOK

Kit contains three 2N35 and three 2N494 transistors, 1N34A diode and interesting 40-page book on "HOW TO MAKE A TRANSISTORIZED PORTABLE RADIO" plus 20 other practical circuits for the hobbyist, experimenter and radio amateur.

Sylvania Transistor Kit B Net 5.65

## SYLVANIA SILICON POWER RECTIFIERS

SR 500	500 MIL, 400V (PIV)	1.15
SR 200	200 MIL, 300V (PIV)	.65

## LAFAYETTE SEMI-CONDUCTOR SUPER SPECIALS



Reg. Value  
~~1.35~~  
**77¢**

## POWER TRANSISTOR

• EVERY UNIT TESTED FOR PERFORMANCE!

Equivalent to:  
CBS 2N255,  
Sylvania 2N307  
& Motorola 2N554.

SP-147 Avg. shgp. wt., 2 oz. Net .77

## PNP AUDIO TRANSISTOR AS LOW AS 37¢



General audio type PNP transistor for experimenters, hobbyists and kit builders. Ideal for code practice oscillator and other small signal devices. Average shgp. wt., 2 oz. SP-146 Net, single, each .59

10 for 4.50, 50 for 19.50, 100 for 37.00

## GENERAL PURPOSE DIODE



Equivalent to: IN34, IN34A, IN38A, IN48, IN58 and IN69.  
SP-148 Avg. shgp. wt., 2 oz. Net .29  
10 for 2.59

## ANOTHER LAFAYETTE FIRST! TOSHIBA, HITACHI AND NEC HIGH QUALITY REPLACEMENT TRANSISTORS FOR POPULAR JAPANESE TRANSISTOR RADIOS.

## SERVICEMEN'S SPECIALS!



AS LOW AS 1.19

# EVEREADY BATTERIES

TRADE-MARK



## PORTABLE A TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	Replaces	R.C.A.	Net	Dimensions in Inches L x W x H	Voltage	Shpg. Weight Lbs.
BA-100	A100	Z30	VS336	.69	1-11/32 diom	2-13/32	1 1/2	1/4
BA-101	720	2D	VS049	.16	2-19/32 x 1 1/8	3-1/32	1 1/2	3/8
BA-102	742	4F	VS004	1.15	2-9/16 x 2-9/16 x 3-1/32	1 1/2	1-3/8	
BA-103	960P	8R	VS070	.46	1-11/32 diom	4-1/16	1 1/2	3/8
BA-104	964	Z1R	VS236	.28	1-11/32 diom	4-1/16	1 1/2	3/8
BA-105	726	P3	VS072	.22	3-3/32 x 1-7/16 x 2-15/16	4 1/2	5/8	
BA-106	736	P3	VS047	.82	3-15/16 x 1-5/16 x 4-3/32	4 1/2	1	
BA-107	746	G3	VS002	.94	3-15/16 x 1-5/16 x 4-21/32	4 1/2	1-1/5	
BA-108	718	2F4	VS010	2.73	3-29/32 x 2 1/4	5-7/16	6	2-1/4
BA-109	724	Z4	VS068	.63	1-7/32 x 1-7/32 x 2-11/32	3	1/8	
BA-110	744	4F4P1	VS009	1.04	2-21/32 x 2-21/32 x 3-31/32	6	1-3/8	
BA-111	707	D5	VS315	1.05	2-9/16 x 2-1/32 x 2-13/16	7 1/2	3/4	
BA-112	713	B5	VS129	1.28	3-29/32 x 53/64 x 2-27/32	7 1/2	3/4	
BA-113	717	C5	VS065	1.05	2-7/32 x 1-15/16 x 3-1/32	7 1/2	1/2	

## PORTABLE B TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	Replaces	R.C.A.	Net	Dimensions in Inches L x W x H	Voltage	Shpg. Weight Lbs.
BA-114	411	U10	VS083	.81	1-1/32 x 4/8 x 1-29/64	15	1/16	
BA-115	417	K10	—	1.16	1-5/16 x 31/32 x 1-9/16	15	1/8	
BA-116	504	V10	—	.81	1/2 x 19/32 x 1 1/8	15	1/16	
BA-117	412	U15	VS084	1.05	1-1/32 x 1/2 x 2	22 1/2	1/8	
BA-118	420	K15	—	1.23	1-5/16 x 31/32 x 2-3/16	22 1/2	1/8	
BA-119	505	V15	—	1.05	1/2 x 19/32 x 1-63/64	22 1/2	1/16	
BA-120	413	U20	VS085	1.23	1-1/32 x 1/2 x 2-9/16	30	1/8	
BA-121	430	K20	—	1.51	1-5/16 x 1/2 x 2-13/16	30	1/5	
BA-122	506	V20	—	1.30	1-1/2 x 1/2 x 1-27/64	30	1/16	
BA-123	507	V20S	—	1.30	1/2 x 19/32 x 2.605	30	1/16	
BA-124	415	U30	VS086	1.75	1-3/64 x 1/2 x 3-11/16	45	1/8	
BA-125	455	XJ30	VS055	2.08	2-21/32 x 1 x 3-11/16	45	1/2	
BA-126	482	M30	VS013	2.45	3-19/32 x 2-27/32 x 5 1/2	45	1	
BA-127	484	B30	VS012	2.98	3-31/32 x 2-17/32 x 5-5/16	45	3-1/8	
BA-128	487	—	—	3.15	5/8 x 2-1/16 x 7 1/4	45	4-1/8	
BA-129	738	Z30	VS015	2.26	3 x 2-5/16 x 4 1/2	45	1-1/4	
BA-130	416	UX45	VS318	2.29	1-21/64 x 63/64 x 3 1/2	67 1/2	1/4	
BA-131	457	K45	VS082	2.21	2-13/16 x 1 1/4 x 2 1/2	67 1/2	1/2	
BA-132	467	XX45	VS016	2.45	2-13/16 x 1 1/4 x 3-45/64	67 1/2	1/2	
BA-133	477	P45	VS218	2.17	1-29/32 x 63/64 x 5-7/16	67 1/2	1/2	
BA-134	477	XX50	VS217	3.15	1-15/16 x 1-15/32 x 6-15/32	75	2/3	
BA-135	439	P60	VS219	2.77	1-31/32 x 1-1/32 x 7-15/32	90	2/4	
BA-136	490	N60	VS090	3.15	3-23/32 x 1-1/2 x 4-5/64	90	1	
BA-137	495	N60X	VS316	3.15	1-15/16 x 1-15/32 x 7 1/4	90	1	

## PORTABLE A-B TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	Replaces	R.C.A.	Net	Dimensions in Inches L x W x H	Voltage	Shpg. Weight Lbs.
BA-138	W370	2TXX40	—	4.11	2-13/32 x 1-11/32 x 7-5/32	1 1/2, 60	1-1/3	
BA-139	W366	4GA42	—	6.16	9-1/32 x 2-1/32 x 4-23/32	1 1/2, 63	4-1/4	
BA-140	W367	GSA42	—	6.45	9 1/8 x 2 1/4 x 4-7/16	7 1/2, 63	4-1/4	
BA-141	W368	F4A50	—	6.65	9-1/32 x 2-23/32 x 3-9/16	6, 75	4-1/4	
BA-142	785	T5250P	VS060	4.83	8 1/8 x 3 1/4 x 2 1/2	7 1/2, 90	2-2/3	
BA-143	729	4T60	VS064	6.03	3-27/64 x 1-7/32 x 1-13/16	1 1/2, 90	2-1/8	
BA-144	759	17GD60	VS022	7.21	9-1/16 x 4-1/32 x 6-15/16	1 1/2, 90	16-1/4	
BA-145	W369	6TA60	VS054	5.48	9-15/16 x 2 1/4 x 4-23/32	1 1/2, 90	4-1/4	
BA-146	755	T5250	VS050	4.55	8-9/16 x 3 1/4 x 2-7/16	6, 75	3-1/2	
BA-147	752W	—	—	5.95	14-1/8 x 2-11/16 x 4-1/16	9	6-1/2	
BA-148	753	F6A60	VS019	5.43	9-7/32 x 2-23/32 x 4-5/16	7 1/2, 90	4-2/3	
BA-149	756	T6260	VS057W	4.87	8 1/8 x 2 1/4 x 3-25/32	7 1/2, 90	2-7/8	
BA-150	727	T6260P	VS059	4.80	8 1/8 x 2 1/4 x 3-25/32	9	2-7/8	
BA-151	752	G6A60	VS047	5.78	14-1/16 x 2-11/16 x 4-1/16	9	6-1/8	

## FLASHLIGHT, LANTERN BATTERIES

General Purpose, Portable Lighting

Lafayette Stock No.	"Eveready" No.	Burgess	Replaces	R.C.A.	Net	Dimensions in Inches L x W x H	Voltage	Shpg. Weight Lbs.
BA-153	904	NE	VS073	.08	0.445 Diom	1.180	1 1/2	1/8
BA-154	912	Z	VS074	.10	13/32 Diom	1 1/8	1 1/2	1/8
BA-155	915	7	VS074	.10	9/16 Diom	1-31/32	1 1/2	2/5
BA-156	935	1	VS035	.13	1-1/32 Diom	1-15/16	1 1/2	1/16
BA-157	950	2	VS036	.13	1-15/32 Diom	2-3/32	1 1/2	1/16
BA-158	D-99	—	—	.16	1-11/32 Diom	2-13/32	1 1/2	1/16
BA-159	735	4FH	VS106	.84	2-11/16 x 2-11/16 x 4-9/32	1 1/2	1-1/4	
BA-160	26 lon.	6 lon.	VS006AS	.84	2 1/4 Diom	6 1/8	1 1/2	2-1/8
BA-161	509	P4H	VS040C	.79	2-11/16 x 2-11/16 x 4-7/16	6	1-1/4	
BA-162	510S	F4BP	VS040S	.79	2-11/16 x 2-11/16 x 4-5/32	6	1-1/4	
BA-163	731	TW1	VS317	1.63	1-11/32 Diom	2-3/32	3-1/4	4
BA-164	706	4F4H	VS103	3.34	5-11/32 x 2-27/32 x 4-15/16	6	5-3/8	
BA-165	1461	S461	VS039	3.34	8-5/16 x 1-13/32 x 2-25/32 x 7-9/32	6	9-1/2	
BA-166	1462	—	—	3.34	5-11/32 x 5-11/32 x 7-9/32	6	9-1/2	
BA-167	714	—	—	1.02	3-31/32 x 1-11/32 x 3 1/2	4 1/2	7/8	
BA-168	1562	—	—	4.32	7-15/16 x 5 1/2 x 7 1/2	7 1/2	11-5/8	
BA-169	716	4F6H	CS140	5.03	8-3/32 x 4-1/16 x 6-7/16	9	3-1/2	
BA-170	1662	—	—	5.03	7-27/32 x 5-9/32 x 7-9/32	9	14-1/16	

**TRANSISTOR ENERGIZERS AND CATHODE ENVELOPE TYPE**  
 "EVEREADY" energizers with Exclusive Cathode Envelope Construction... new high efficiency cells... Improved design... More energy in less space. Economical... lower operating costs. Designed for transistorized circuits... cordless and portable radios, electronic equipment, etc.

Lafayette Stock No.	"Eveready" No.	Burgess	Replaces	R.C.A.	Net	Dimensions in Inches L x W x H	Voltage	Shpg. Weight Lbs.
BA-171	E9	—	VS313	.21	.550 diom.	1.238	1.4	1/16
BA-172	E630	—	.28	.613 diom.	x .298	1.35	1/8	
BA-100	A100	Z30	VS336	.16	1-11/32 diom.	x 1-13/32	1.5	1/4
BA-173	625	130	VS305	.16	1-1/32 diom.	x 15/16	1.5	1/16
BA-174	1015	930	VS334	.13	9/16 diom.	x 1-31/32	1.5	1/4
BA-175	E233	—	VS400	1.80	1.64 diom.	x 1-31/32	4.2	1/4
BA-176	243	—	VS324	1.19	1-13/32 x 1-11/32 x 2 1/4	4 1/2	1/5	
BA-177	E146	—	VS312	1.58	1-1/32 x 1/2 x 2	8.4	1/8	
BA-178	216	ZU6	VS323	.95	1-1/32 x 11/16 x 1-29/32	9.0	1/16	
BA-179	226	P6M	VS300A	.95	1 diom.	x 1-15/16	9.0	1/8
BA-180	225	ZM6	VS305	1.36	1-13/32 x 1-11/32 x 2 1/4	9.0	1/2	
BA-181	264	M6	VS322	.95	1-13/16 x 1-13/16 x 2-7/16	9.0	1/2	
BA-182	276	D6	VS306	1.26	2-9/16 x 2-1/32 x 3-5/32	9.0	1	
BA-183	2506	D6P1	VS301	1.58	8 x 2-13/16 x 1-9/16	9.0	1-1/2	
BA-184	939	XX9	VS304	.95	1-21/64 x 1-1/32 x 2-11/16	13 1/2	1/4	
BA-185	2731	—	VS321	1.93	2-13/16 x 1 1/8 x 8-11/32	4 1/2	3	
BA-186	2713	—	—	1.71	1-13/32 x 47/64 x 4-23/32	6	1-1/4	
BA-187	2756	C4X	—	1.58	2-9/32 x 1 1/8 x 6 1/4	9.0	1-1/2	
BA-188	2761	—	—	1.58	2-9/32 x 1 1/8 x 7-31/32	9.0	1-1/2	
BA-189	2762	—	—	1.93	2-13/16 x 1 1/8 x 8-11/32	9.0	3	

## INDUSTRIAL BATTERY TYPES

(For Radios, Electronic Equipment, Test Instruments and Other Applications)

Lafayette Stock No.	"Eveready" No.	Burgess	Replaces	R.C.A.	Net	Dimensions in Inches L x W x H	Voltage	Shpg. Weight Lbs.
BA-190	W353	2F	VS141	.77	2-19/32 x 1/38 x 4 1/4	1 1/2	3/4	
BA-200	W354	2FBP	VS101	.87	2-21/32 x 1-11/32 x 4 1/4	1 1/2	3/4	
BA-201	W355	2FB	—	1.16	1-9/16 x 13/16 x 2-15/16	3 1/2	1-3/8	
BA-202	W356	2F2H	VS136	1.08	2 1/8 x 2 1/8 x 4-9/16	3	2-3/4	
BA-203	W357	4F2H	VS138	1.47	3 1/4 x 2 1/8 x 4-9/16	3	1/8	
BA-204	W371	2Z2P1	—	.68	1-5/32 x 1-5/32 x 2-9/16	3	1/8	
BA-205	750	422	VS134	.57	1-11/32 x 11/16 x 2-21/32	3	—	
BA-206	703	532	VS133	.68	2-7/16 x 27/32 x 3-1/16	4 1/2	1/4	
BA-207	761T	237OST	VS130	1.17	4-1/16 x 1-15/32 x 3 1/2	4 1/2	7/8	
BA-208	771	237OP1	VS030	1.38	3-29/32 x 1 1/8 x 3-1/16	4 1/2	7/8	
BA-209	781	5360	VS028	1.81	2-15/32 x 55/64 x 3 1/4	4 1/2	1/4	
BA-210	W362	W5BP	—	1.47	2-15/16 x 11/16 x 1 1/4	7 1/2	1/8	
BA-211	W351	5540P	VS029	1.35	3-29/32 x 1 1/8 x 3 1/2	7 1/2	1/2	
BA-212	774	B5P	—	2.10	4-1/32 x 1-13/32 x 3	7 1/2	1/2	
BA-270	763	4156	VS102	1.61	3 1/2 x 2-3/32 x 2-15/16	+22 1/2	1/8	
BA-213	766T	2156	—	3.95	6 1/4 x 4 1/4 x 3-15/16	+22 1/2	4-5/8	
BA-214	768	5156P1	VS031	2.55	4 1/4 x 2-17/32 x 2-31/32	-22 1/2	1-1/2	
BA-215	778	51365C	VS131	2.55	4 1/4 x 2-17/32 x 3-7/16	-22 1/2	8-1/2	
BA-216	W350	Z30HX	VS114	2.60	1-1/32 x 1 1/8 x 4-31/32	+22 1/2 +45	1-7/8	
BA-217	W351	5540P	—	5.28	3 1/2 x 2 1/8 x 3-11/16	+22 1/2 +45	1-1/4	
BA-218	W358	W308PX	—	2.49	2-15/16 x 1-3/16 x 4 1/4	+45	1-1/2	
BA-219	W359	A30	VS-14	2.69	3 1/2 x 2-1/8 x 2 1/2	+45	1-2/3	
BA-220	W363F	103083C	VS127	4.84	8-1/32 x 4-1/16 x 7 1/8	+22 1/2 +4510-1/4	—	
BA-221	W364F	213085C	VS157	5.36	8 1/8 x 4-7/16 x 7-11/16	+22 1/2 +4511-7/8	—	

## ELECTRONIC PHOTOFLASH AND HIGH VOLTAGE TYPES

BA-222	492	N150	—	5.56	3-9/16 x 2-29/32 x 4-29/32	225	2-1/2
BA-223	489	XX150	—	6.96	4-1/32 x 2-11/16 x 4-3/16	225	2-2/3
BA-224	491	U160	—	5.56	2-19/32 x 1-5/16 x 4 1/4	240	3/4
BA-225	493	U200	VS093	7.70	2-11/16 x 2-7/32 x 3-29/32	300	3/4
BA-226	497	U320	—	11.16	3 x 1-19/32 x		



Willard

# BATTERIES BURGESS



MALLORY

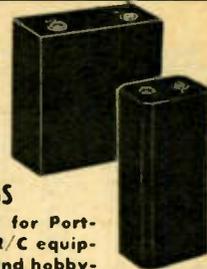


## TRANSISTOR AND HEARING AID BATTERIES

Stock No.	Burgess Type	RCA Type	Replaces Eveready	Volts	Shpg. Wt.	Net Each
BA-153	NE	V5073	904	1.5	1 oz.	.08
BA-301	A4	—	—	1.5	2 oz.	.69
BA-302	4D4	—	—	6	3 lbs.	3.05
BA-180	2N6	V5305	246	9	1 lb.	1.30
BA-178	2U6	V5323	216	9	3 oz.	.95
BA-176	2Z3	V5324	243	4 1/2	1/2 oz.	1.19
BA-187	C6X	—	2356	9	2 lbs.	1.10
BA-111	D5	V5315	707	7 1/2	1 lb.	1.05
BA-182	D6	V5306	276	9	1 1/2 lbs.	1.26
BA-183	D6P1	V5301	2506	3-6-9	2 lbs.	1.58
BA-188	D6S	—	2761	9	1 1/2	1.58
BA-181	M6	V5322	266	9	2/3	1.05
BA-318	P6	—	226	9	3 oz.	.95
BA-184	XX9	V5304	239	9-13.5	4 oz.	.95
BA-115	K10	—	417	15	4 oz.	1.16
BA-114	U10	V5083	411	15	2 oz.	.81
BA-116	Y10	—	504	15	2 oz.	.81
BA-118	K15	—	420	22.5	4 oz.	1.23
BA-117	U15	V5084	412	22.5	3 oz.	1.05
BA-119	Y15	—	505	22.5	2 oz.	1.51
BA-121	K20	—	430	30	6 oz.	1.33
BA-120	U20	V5085	413	30	2 oz.	1.20
BA-122	Y20	—	506	30	2 oz.	1.30
BA-123	Y20S	—	507	30	2 oz.	1.30
BA-171	—	V5313	E9	1.4	3 oz.	.51
BA-175	—	V5400	E233	4	6 oz.	1.80
BA-177	—	V5312	E146	9	2 oz.	1.58
BA-179	P6M	V5300A	226	9	5 oz.	.95
BA-400	—	V5309A	—	9	2 oz.	1.53
BA-173	130	V5335	635	1 1/2	3 oz.	.16
BA-100	230	V5336	A100	6 oz.	6 oz.	.16
BA-174	930	V5334	1015	1 1/2	4 oz.	.13
BA-185	—	V5321	2731	4 1/2	3 lbs.	1.93



## Lafayette BATTERIES



AT TREMENDOUS SAVINGS

These popular batteries are for Portable and Transistor radios, R/C equipment, experimenters, labs, and hobbyists, etc.

FRESH STOCK — BRAND NEW — GUARANTEED

— Here are five of the most popular types used and at RIDICULOUSLY LOW PRICES

Stock No.	Voltage	Net Each	Lots 10	RCA	Burgess Eveready	Others
BA-1	67 1/2	1.59	1.49	V5215 V5216 V5218	P45 P45M	BL-M145
BA-2	9	.59	.53	V5312 V5323	2U6	216 BL-006P
BA-3	9	.59	.53	V5300A V5314	P6 P6M	726 BL-M106
BA-5	67 1/2	1.29	1.19	V5318	UX45	416 BL-045
BA-6	67 1/2	1.45	1.35	V5016	XX45	467 BL-145

## BATTERIES FOR PORTABLE RADIO RECEIVERS

Stock No.	Burgess Type	RCA Type	Replaces Eveready	Volts	Shpg. Wt.	Net Each	Stock No.	Burgess Type	RCA Type	Replaces Eveready	Volts	Shpg. Wt.	Net Each
<b>PORTABLE "A" BATTERIES</b>							<b>PORTABLE "A" AND "B" PACKS</b>						
BA-156	1D	V5035A	935	1 1/2	4 oz.	.13	BA-138	2TXX40	—	W370	1 1/2-60	2	4.11
BA-101	2D	V5069	720	1 1/2	3/4	.69	BA-143	4TZ60	V5064	729	1 1/2-90	4 1/2	4.03
BA-190	2F	V5141	W353	1 1/2	1 1/4	.77	BA-144	17GD60	V5022	759	1 1/2-90	21	7.21
BA-157	2R	V5036A	950	1 1/2	6 oz.	.13	BA-146	T3Z50	V5050	755	6-7 1/2-75	4 1/2	4.55
BA-102	4F	V5004	742	1 1/2	2	1.15	BA-142	T3Z50P	V5060	785	7 1/2-75	4 1/2	4.83
BA-103	BR	V5070	960P	1 1/2	8 oz.	.46	BA-148	F6A60	V5019	753	7 1/2-90	7	5.43
BA-104	21R	V5236	964	1 1/2	3/4	.28	BA-307	G6M60	—	—	7 1/2-90	7	5.95
BA-303	37	—	—	1 1/2	1	.65	BA-149	T6Z60	V5057W	756	7 1/2-90	5 1/2	4.87
BA-155	Z	V5034A	915	1 1/2	4 oz.	.10	BA-308	F6A60P	V5058	—	9-90	7	5.08
BA-105	D3	V5072	726	4 1/2	1 1/4	.76	BA-151	G6B60	V5047	752	9-90	8	5.78
BA-106	F3	V5067	736	4 1/2	2	.82	BA-150	T6Z60P	V5059	727	9-90	5 1/2	4.80
BA-107	G3	V5002	746	4 1/2	2	.94	<b>FLASHLIGHT &amp; LANTERN BATTERIES</b>						
BA-108	2F4	V5010	718	6	3 1/2	2.73	BA-156	1	V5035A	935	1 1/2	3 oz.	.13
BA-110	F4P1	V5009	744	6	2 1/2	1.04	BA-157	2R	V5036A	950	1 1/2	7 oz.	.13
BA-109	Z4	V5068	724	6	1/2	.63	BA-160	6	V50065	6 IGM	1 1/2	2	.84
BA-112	B5	V5129	713	7 1/2	1 1/4	1.26	BA-154	7	V5074	912	1 1/2	1 oz.	.10
BA-113	C5	V5065	717	7 1/2	1 1/4	1.05	BA-309	N	V5073	—	1 1/2	1 oz.	.08
<b>PORTABLE "B" BATTERIES</b>							BA-155	Z	V5034A	915	1 1/2	2 oz.	.10
BA-117	U15	V5084	412	22 1/2	4 oz.	1.05	BA-203	4F2M	V5138	W357	3	3 1/2	1.43
BA-219	A30	V5014	W359	45	2 1/2	2.49	BA-161	F4M	V5040C	509	6	2 1/2	.79
BA-127	B30	V5012	484	45	3	2.98	BA-310	F45C	—	—	6	1 1/4	.79
BA-126	M30	V5013	482	45	3	2.45	BA-163	TW1	V5317	731	6	3 1/2	1.63
BA-124	U30	V5086	415	45	1 1/4	1.75	BA-164	4FAH	V5103	706	6	7 1/4	3.34
BA-125	XX30	V5055	455	45	1 1/4	2.08	BA-311	4F5H	V5139	719	7 1/2	8 1/2	4.32
BA-129	Z30	V5015	738	45	2	2.76	BA-149	4F6M	V5140	716	9	10	5.03
BA-131	K45	V5082	457	67 1/2	1	2.21	<b>INDUSTRIAL-ELECTRONIC BATTERIES</b>						
BA-133	P45	V5218	477	67 1/2	1 1/4	2.17	BA-159	4FH	V5106	735	1 1/2	2	.84
BA-319	P45M	V5215-216	477	67 1/2	1 1/2	2.75	BA-205	422	V5134	750	3	5 oz.	.57
BA-130	UX45	V5318	416	67 1/2	1 1/2	2.07	BA-312	F2BP	V5100	W352	3	1 1/2	.79
BA-132	XX45	V5016	467	67 1/2	1 1/2	2.45	BA-209	5360	V5028	781	4 1/2	5 oz.	.81
BA-134	XX50	V5217	437	75	1 1/4	3.15	BA-162	F4BP	V5040S	5105	6	1 1/4	.79
BA-136	N60	V5070	490	90	2	3.15	BA-211	5540	V5029	773	7 1/2	3/4	1.35
BA-137	N60X	V5316	495	90	1 1/4	3.15	BA-270	4156	V5102	763	22 1/2	1 1/4	1.61
BA-135	P60	V5219	479	90	1 1/4	2.77	BA-215	51565C	V5131	778	22 1/2	2	2.53
BA-304	XX69	—	—	103 1/2	2	4.60	BA-313	5308	V5112	W376	45	3 1/2	3.05
BA-305	N150	—	—	225	2 1/2	5.56	BA-314	XX30P1	—	455P	45	3/4	2.10
BA-306	U160	—	—	240	3/4	5.56	BA-216	Z30NX	V5114	W350	45	2	2.69
BA-225	U200	V5093	493	300	2	7.70							

## MALLORY MERCURY BATTERIES

FOR TRANSISTOR APPLICATIONS

Stock No.	Mallory No.	Replaces Eveready	Replaces RCA	Volts	Shpg. Wt.	Net Each
BA-500	TR-140R	—	—	1.34	3 oz.	1.12
BA-501	TR-164R	—	—	2.5	2 oz.	.72
BA-502	TR-162R	—	—	2.5	3 oz.	.87
BA-503	TR-120R	—	—	2.5	3 oz.	1.10
BA-233	TR-132R	E-132	V5148	2.5	3 oz.	.84
BA-504	TR-113R	—	—	4.0	3 oz.	1.29
BA-505	TR-153R	—	—	4.0	2 oz.	.92
BA-506	TR-163R	—	V5163	4.0	3 oz.	1.10
BA-234	TR-133R	E-133	V5149	4.0	3 oz.	1.18
BA-237	TR-233R	E-233	V5140	4.0	9 oz.	1.80
BA-507	TR-114R	—	—	5.0	3 oz.	1.50
BA-508	TR-116R	—	—	5.0	3 oz.	1.35
BA-235	TR-134R	E-134	—	5.0	3 oz.	1.53
BA-509	TR-115R	—	—	6.5	3 oz.	1.64
BA-510	TR-165R	—	V5165	6.5	3 oz.	1.64
BA-511	TR-135R	—	—	6.5	4 oz.	1.85
BA-512	TR-145R	—	—	7.5	3 oz.	1.45
BA-513	TR-136R	—	—	8.0	5 oz.	2.30
BA-236	TR-146R	E-146	V5312	9.0	3 oz.	1.58

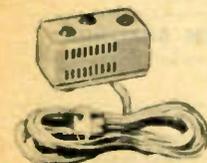
## ELECTRONIC AND INDUSTRIAL APPLICATIONS

BA-227	RM-1R	E1	V5143	1.34	3 oz.	.38
BA-228	RM-3R	E3	—	1.34	3 oz.	.54
BA-229	RM-4R	E4	—	1.34	4 oz.	.69
BA-514	RM-4RT	—	—	1.34	4 oz.	.74
BA-515	RM-4R2	—	—	1.34	3 oz.	.58
BA-232	RM-12R	E12	V5144	1.34	3 oz.	.82
BA-516	RM-42R	—	—	1.34	10 oz.	2.25
BA-517	RM-42R	—	—	1.34	10 oz.	2.30
BA-238	RM-400R	E400	V5145	1.34	1 oz.	.25
BA-239	RM-401R	E401	—	1.34	2 oz.	.34
BA-518	RM-450R	—	—	1.34	2 oz.	.33
BA-240	RM-502R	E502	—	1.34	3 oz.	.62
BA-519	RM-601R	—	—	1.34	3 oz.	.51
BA-241	RM-625R	E625	—	1.34	1 oz.	.30
BA-520	RM-625RT	—	—	1.34	1 oz.	.35
BA-242	RM-630R	E630	—	1.34	1 oz.	.28
BA-521	RM-640R	—	V5150	1.34	2 oz.	.32
BA-230	ZM-9	E9	V5313	1.5	5 oz.	.51
BA-231	DM-9N	E9N	—	1.5	5 oz.	.54

\*Indicates tab contacts

## BURGESS BATTERIES FOR PORTABLE RECORDERS

STOCK NO.	TYPE	VOLTS	SHPG. WT.	NET
BA-315	2X7	10 1/2	1/2 lb.	1.82
BA-316	2X62X	1 1/2, 9	1/2 lb.	1.82
BA-317	3XX	10 1/2	3/4	2.00



## "B" BATTERY ELIMINATOR AND CHARGER FOR PORTABLE RADIOS

Replaces all snap terminal 67 1/2 V. B. batteries. When indoors you can operate set on regular 110V AC without using up your expensive "B" battery. Also rejuvenates old batteries for many extra hours of use. Complete with AC cord and plug. Fits in place of your battery. Size: 1 1/4" x 2 1/2" x 1 1/4". Shpg. wt., 1 1/2 lbs. #195 Net 2.95

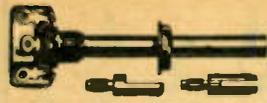


## WILLARD RECHARGEABLE BATTERIES

Type 25-2. Rated at 2 volts for 21 ampere-hours. Original equipment in G.E. models 250 and 260. Size: 2-17/32" x 2-31/32" x 6". Shpg. wt., 3 1/2 lbs. BA-450 List 11.15 Net 8.08  
Type ER6 Photo-Flash Battery. Rated at 2 volts for 6 amp. hours. Up to 250 flashes per charge. Size: 1-11/16" x 2 3/8" x 4 1/4". Shpg. wt., 1 1/2 lbs. BA-451 List 7.55 Net 5.52  
Type ER-34-2. Rated at 2 volts for 34 ampere-hours. Size: 4 1/8" x 3-11/16" x 4 1/8". Shpg. wt., 5 1/2 lbs. BA-452 List 14.85 Net 10.78

# MALLORY CONTROLS

## MALLORY MIDGETROL



A high quality round shaft carbon control only 13/16" 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 adapters for knurled and push-on knobs, one Patent and instruction sheet. Shpg. wt., 3 oz.

Type	Ohms	Taper	Type	Ohms	Taper	Type	Ohms	Taper
U-1	100	4	U-24	20M	1	U-46	260M	4
U-2	500	4	U-26	20M	1	U-48	600M	4
U-751L	750	2	U-28	26M	2	U-50	600M	4
U-3	1M	2	U-28A	25M	1	U-51	760M	1
U-6	1M	2	U-29	26M	4	U-52	1M	2
U-8	1600	4	U-30	30M	4	U-52R	500	2
U-8L	1800	4	U-32	80M	2	U-53	1 Meg.	1
U-6	2M	4	U-34	80M	2	U-54	1 Meg.	4
U-7	2500	2	U-35	50M	4	U-55	2 Meg.	1
U-9	3M	4	U-36	75M	1	U-56	2 Meg.	4
U-9	3M	2	U-39	100M	1	U-57	3 Meg.	4
U-12	5M	1	U-40	100M	2	U-58	2.5 Meg.	4
U-14	5M	4	U-41	100M	4	U-59	3 Meg.	4
U-18	10M	1	U-41S	125M	4	U-60	3 Meg.	4
U-19	10M	2	U-42	160M	1	U-61	3M	1
U-20	10M	4	U-43	200M	4	U-62	5 Meg.	4
U-21	15M	1	U-44	250M	1	U-63	10 Meg.	4
U-22	15M	2	U-45	260M	2			

Any Type Above, Each .91

## SINGLE TAPPED MIDGETROLS

Type	Ohms	Tap At	Type	Ohms	Tap At	Type	Ohms	Tap At
UT-153	15M	10M	UT-410	500M	150M	UT-448	2mg	250M
UT-153M	2500M	150M	UT-431	300M	225M	UT-454	2mg	400M
UT-420	500M	50M	UT-440	1mg	200M	UT-449	2mg	600M
UT-421	350M	70M	UT-438	1mg	300M	UT-451	2mg	800M
UT-423	500M	50M	UT-441	1mg	450M	UT-457	3mg	900M
UT-427	500M	100M	UT-454	2mg	125M	UT-461	3.25m	300M

Any Type Above, Each 1.32

## DOUBLE TAPPED MIDGETROLS

Type	Overall Resistance	Tap Resistance	Type	Overall Resistance	Tap Resistance
UDT-281	500M	100M 200M	UDT-293	2.25 Meg	250M 500M
UDT-289	1 Meg	250M 500M	UDT-294	2.25 Meg	500M 1 Meg
UDT-291	1.5 Meg	225M 500M	UDT-303	3.3 Meg	300M 1.5 Meg

Any Type Above, Each 1.32

## SU INSULATED SHAFT MIDGETROLS FOR TV



1 1/2" dia. carbon controls with 3/8" dia. fixed knurled and slotted phenolic shafts. Shaft protrudes 1/4" beyond bushing. Linear taper. With hex nut. Shpg. wt., 3 oz.

Type	Ohms	Type	Ohms	Type	Ohms
SU-6	1500	SU-35	50K	SU-56	2 Meg.
SU-8	3K	SU-41	100K	SU-56E	2.8 Meg.
SU-14	5K	SU-46	250K	SU-59	2.8 Meg.
SU-20	10K	SU-50	600K	SU-67	5 Meg.
SU-28	25K	SU-54	1 Meg.		

Any Type Above, Each .91

## ATTACHABLE MIDGETROL SWITCHES

Easily and quickly attached to any midgetrol shown on this page without disassembling control. Wt 2 oz.

Type	Description	Each
US-16	Single pole, single throw	.41
US-26T	NPMT Has dummy terminal	.41
US-27	Double pole, single throw	.43
US-28	Single pole, double throw	.53

## MIDGETROL ACCESSORIES

- DS-35 Flatted, Split-Knurled Shaft End. Special replacement for Zenith. Shpg. wt., 2 oz. NET .32
- DS-36 Special "1" 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
- OS-37 3/16" diameter shaft. For use with round-shaft Midgetrols to accommodate knobs requiring 3/16" shaft. Shpg. wt., 2 oz. NET .32
- EB-158 Special Bushing. 7/16" x .28 thread, 1-11/16" long with 3/8" milled double flat. Shpg. wt., 2 oz. NET .50
- EB-214 Special Bushing. 1/2" x .28 thread, 2-3/16" long with .403 milled double flat. Shpg. wt., 2 oz. NET .53

## MALLORY 2-WATT WIREWOUND TV & INDUSTRIAL POTS

Especially designed for replacement of held, positioning, focus, etc. controls of TV sets. Also suitable for volume divider and bias applications. Dust-proof phenolic case 1-3/16" diameter. Insulated contact arm type. 1500 V. AC insulation. All have linear taper. Knurled, screw driver slotted shaft with 3/8" standard bushing. With Patent "Center tapped. Shpg. wt., 4 oz.

Type	Ohms	Each	Type	Ohms	Each	Type	Ohms	Each
R2L	2	.91	R20L	25	.91	M1500L	1500	.91
R3L	3	.91	R20L	25	.91	R2500L	2500	.91
R5L	5	.91	R30CT*	30	1.29	R3000L	3000	.91
R6L	6	.91	R50L	50	.91	R5000L	5000	.91
R8L	8	.91	R50CT*	50	1.29	R7500L	7500	.91
R10L	10	.91	R100L	100	.91	R1000L	1000	.91
R10CT*	10	1.29	R200L	200	.91	R1500L	1500	1.29
R15L	15	.91	R500L	500	.91	R2000L	2000	.91
R20L	20	.91	R750L	750	.91			
R20CT*	20	1.29	R1000L	1000	.91			

## SWITCHES FOR 2-WATT POTS

- US30 SPST Shpg. wt., 3 oz. NET 41¢
- US32 OPST Shpg. wt., 3 oz. NET 47¢

## 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.

## FL SENSITIVITY CONTROLS

Replaces hum, linearity, sensitivity, AGC etc. Wire-wound, 2 watt, screw driver slot adjust. Contact grounded to cup. \*STOPS at 100 ohms. All single terminal flange mount rheostats except dual terminal flange mt. potentiometers. Avg. shpg. wt., 6 oz.

Type	Ohms	Net
FL-6	6 ohms	
FL-75	75 ohms	
FL-150	150 ohms	
FL-600	600 ohms	
FL-1.5K	1500 ohms	
FL-2.5K	2500 ohms	
FL-4K	4000 ohms	
FL-600S*	600 ohms	
FL-2K5*	2000 ohms	
FL-200	200 ohms	
FL-750	750 ohms	

## Printed Circuit Single terminal rheostats

Type	Ohms	Net	Type	Ohms	Net
FL-250	250		PFL-1.5	1.5	
FL-500	500		PFL-15	15	
FL-1K	1000		PFL-100	100	
FL-2K	2000		PFL-600	600	
FL-3K	3000		PFL-1.5K	1500	
FL-5K	5000		PFL-3K	3000	
FL-40p†	40		PFL-4K	4000	
FL-100p†	100		PFL-5K	5000	
FL-200p†	200		PFL-1K	1000	
FL-250p†	250				

Avg. shpg. wt., 6 oz.

## T AND L PAD ATTENUATORS



For level control of low impedance audio circuits. 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.

Type	Pad No.	"L" Pad No.	Ohms
T2	L2		2
T4	L4		4
T6	L6		6
T8	L8		8
T15	L15		15
T50	L50		50
T100	L100		100
T200	L200		200
T250	L250		250
T500	L500		500
T600	L600		600
T1000	L1000		1000
T2000	L2000		2000
T3000	L3000		3000
	L4000		4000

"T" Pads each 3.03 "L" Pads each 2.68

## DUAL L PADS

Ganged pads for stereo use. Same specifications as single L Pads bushing 3/8" x 3/8". Shpg. wt., 1 lb.

Type	Description	Net
LL-8	Dual 8 OHM L Pad	5.85
LL-16	Dual 16 OHM L Pad	5.85
LL-50	Dual 50 OHM L Pad	5.85

## VOLUME CONTROL ACCESSORIES



Type	Description	Net
EB247	Patented control body 3/8" diam surface.	41¢
178	Wrench for 1/2" - 9/16" hex nuts.	50¢
RS242	Ext. shaft. 4 1/4 x 1/32" flat.	53¢
RS243	Ext. shaft. 4 1/4 x 1/32" flat.	53¢
RS244	Ext. shaft. 4 1/4 x 1/64" flat.	53¢
RS245	Ext. shaft. 2 1/4" with 3/32" slot.	79¢
EC240	A Coupler 1/2" shaft to 1/4" - 3/16" shafts.	9¢
UB241	Bushing for panel mounting.	

## ADJUSTABLE MOUNTING BRACKETS

- Shpg. wt., 3 oz.
- RB249 Mounting centers 2 1/2" Net 24¢
- RB248 Mounting centers 1 3/4" Net 21¢

## "M" and "MT" WIREWOUND CONTROLS

Used as bias controls and voltage dividers for industrial and laboratory work. Also for TV replacement. 4 wats. Arm insulated from shaft. Knurled 3/8" shaft is 3/8" long. Has screw-driver slot and is hollow to accept extension shafts. MT types are center-tapped TV units. 1 1/2" dia. x 9/16". Mount in 3/8" hole. Linear taper. Shpg. wt., 4 oz.



## POTENTIOMETERS

Type	Ohms	Net	Type	Ohms	Net
M1PK	1	1.32	M400PK	400	1.32
M3PK	3	1.32	M500PK	500	1.32
M6PK	6	1.32	M600PK	600	1.32
M10PK	10	1.32	M1MPK	1000	1.32
MT10PK	10	1.32	M1.5MPK	1500	1.32
M15PK	15	1.32	M2MPK	2000	1.32
M20PK	20	1.32	M2.5MPK	2500	1.32
MT20PK	20	1.32	M3MPK	3000	1.32
M30PK	30	1.32	M4MPK	4000	1.32
MT30PK	30	1.32	M5MPK	5000	1.32
M40PK	40	1.32	M10MPK	10000	1.32
M50PK	50	1.32	M15MPK	15000	1.32
M60PK	60	1.32	M20MPK	20000	1.44
M75PK	75	1.32	M25MPK	25000	1.44
M100PK	100	1.32	M50MPK	50000	1.71
M200PK	200	1.32	M70MPK	70000	1.71
M300PK	300	1.32	M75MPK	75000	2.41
			M100MPK	100000	2.41

## RHEOSTATS

Type	Ohms	Amps	Type	Ohms	Amps
M05RK	1/2	2.80	M20RK	20	.45
M1RK	1	2.00	M25RK	25	.40
M2RK	2	1.40	M30RK	30	.37
M3RK	3	1.15	M40RK	40	.32
M4RK	4	1.00	M50RK	50	.28
M6RK	6	.82	M60RK	60	.26
M10RK	10	.63	M75RK	75	.23
M15RK	15	.52	M100RK	100	.20

Have open or "off" position counterclockwise. Net each 91¢. Type 395 Dial Plate. For "M" Controls. Net 15¢.

## Type PP Push-Pull Controls

Carbon element controls with a Push-Pull type SPST switch permanently attached. Shpg. wt., 4 oz.

TYPE	OHMS	TAPPED	TAPER	NET
PP15A	100K		1	1.32
PP16A	1 Meg		1	1.32
PP16B	1 Meg		4	1.32
PP16S	1 Meg	500 K	2	1.75
PP25A	250 K		4	1.75
PP25ADT154	250 K	100 K-150 K	4	1.75
PP26A	2 Meg		1	1.32
PP25T25	500 K	200 K	4	1.75
PP46T26	4 Meg	2 Meg.	4	1.75
PP55A	500 K		1	1.32
PP55DT1683	500 K	84 K-168 K	4	1.75
PP55L	500 K		4	1.32
PP55T254	500 K	250 K	1	1.75
PP256	200K		4	1.32</

# IRC AND CRL CONTROLS

## IRC Q CONTROLS WITH UNIVERSAL SHAFTS



Knurled, flatted and slotted, 3" shaft, 15/16" dia., 1/4" long bushing. Has removable shaft, interchangeable with special shafts listed on this page. \*Includes 270 ohm, 1/2-watt fixed bias resistor. Less switch. See taper explanation below. Av. shpg. wt., 4 oz.

Type	Ohms	Tpr.	Type	Ohms	Tpr.
Q11-201	250	A	Q13-128	100K	C
Q11-103	500	A	Q11-228	125K	A
Q11-105	750	A	Q11-328	150K	A
Q17-105	750	P	Q13-328	150K	A
Q11-108	1000	A	Q11-129	200K	A
Q17-108	1000	Q	Q11-130	250K	A
Q11-109	1500	A	Q13-130	250K	A
Q17-109	1500	Q	Q11-131	300K	A
Q11-110	2000	A	Q11-132	350K	A
Q17-110	2000	Q	Q13-132	350K	A
Q13-111	2500	C	Q11-133	500K	A
Q17-111	2500	Q	Q13-133	500K	A
Q11-112	3000	A	Q14-133	500K	D
Q17-112	3000	Q	Q17-133	500K	D
Q11-114	5000	A	Q11-134	600K	A
Q13-114	5000	C	Q11-136	750K	A
Q17-114	5000	Q	Q11-137	1 meg	A
Q11-115	7500	A	Q13-137	1 meg	A
Q11-116*	10K	A	Q14-137	1 meg	D
Q13-116*	10K	C	Q17-137	1 meg	D
Q14-116*	10K	D	Q11-138	1.5 meg	A
Q17-116	10K	Q	Q11-139	2 meg	A
Q11-119	20K	A	Q13-139	2 meg	A
Q16-119*	20K	S	Q17-139	2 meg	A
Q11-120	25K	A	Q11-239	2.5 meg	A
Q13-120	25K	C	Q11-140	3 meg	A
Q14-120*	25K	D	Q13-140	3 meg	A
Q11-121	30K	A	Q17-140	3 meg	A
Q11-122	35K	A	Q11-141	5 meg	A
Q11-123	50K	A	Q12-141	5 meg	S
Q13-123	50K	C	Q13-141	5 meg	A
Q14-123*	50K	D	Q17-141	5 meg	A
Q11-125	75K	A	Q11-142	7.5 meg	A
Q11-128	100K	A	Q11-143	10 meg	A

NET EACH .....91

## Q CONTROL SWITCHES

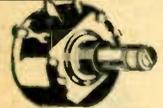
Quickly attached. U.L. Approved. Shpg. wt., 2 oz.

Type 76-1—SPST.....Net .41  
Type 76-2—DPST.....Net .41

TYPE M ADD-ON MULTI SECTIONS.  
Easily attached to Q Controls to form ganged multi-section controls. Shpg. Wt., 2 oz.

TYPE	Ohms	TAPER	TYPE	Ohms	TAPER
M11-103	500	A	M13-130	250K	C
M11-108	1000	A	M11-133	500K	A
M11-110	2000	A	M13-133	500K	C
M11-112	3000	A	M11-137	1 Meg	A
M11-114	5000	A	M13-137	1 Meg	C
M11-116	7500	A	M13-138	1.5 Meg	A
M17-116	10K	Q	M11-139	2 Meg	A
M11-120	25K	A	M13-139	2 Meg	C
M11-121	30K	A	M13-140	3 Meg	C
M11-123	50K	C	M17-140	3 Meg	Q
M11-128	100K	A	M11-141	5 Meg	A
M13-128	100K	C	M11-143	10 Meg	A
M11-130	250K	A			

Net Each .....1.32



## TYPE WPS 4 WATT WIRE WOUND

Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1-1/4" dia., 45/64" deep behind mounting face, 3/4" long shaft, slotted and knurled. All types have linear taper except those marked \* which have left hand taper for focus control.

Type	Ohms	Taper	Type	Ohms	Taper
WPS10X5	10	5	WPS200X100	200	100
WPS15X7.5	15	7.5	WPS250	250	—
WPS20X10	20	10	WPS500	500	—
WPS25	25	—	WPS500*	500	—
WPS25X12.5	25	12.5	WPS1000	1000	—
WPS30X15	30	15	WPS1500	1500	—
WPS40	40	—	WPS2000	2000	—
WPS40X20	40	20	WPS2250	2250	—
WPS50X25	50	25	WPS2500*	2250	—
WPS50	50	—	WPS5000	5000	—
WPS80X40	80	40	WPS3000	3000	—
WPS100X50	100	50	WPS4000	4000	—
WPS140X70	140	70	WPS5000*	4000	—
WPS150X75	150	75	WPS5000	5000	—

Plain Controls.....each 1.12  
Tapped Controls.....each 1.45

## SWITCHES FOR IRC "W" CONTROLS

76-11—SPST.....Net .41  
76-12—DPST.....Net .41

## TAPPED Q CONTROLS

All values are in megohms except with \* which are in ohms.

Type	Mega	Taps	Ω	T	Type	Mega	Taps	Ω	T
Q17-105X	750*	250	S		Q17-137X	1.0	35K	S	M
Q17-110X	2K*	250/500	S		Q13-137X	1.0	50K	S	S
Q13-118X	15K*	10K	S		Q17-137X	1.0	50K/100K	S	S
Q13-118X	15K*	5K/10K	S		Q13-137X	2.0	100K	S	S
Q17-113X	15K*	5K/10K	S		Q13-137X	1.0	250K/.5I	S	S
Q17-110X	15K*	5K/10K	S		Q13-137X	1.0	.5I	S	S
Q17-220X	.15	19K/38K	S		QVC-539X	1.0	.5I	S	S
Q18-130X	.25	60K	S		Q13-138X	1.5	.25I	S	S
Q13-130X	.25	125K	S		Q19-139X	2.0	50K	S	S
Q18-130X	.25	60K/120K	S		Q17-139X	2.0	150K	S	S
Q17-132X	.25	35K	S		Q18-139X	2.0	250K/.5I	S	S
Q18-132X	.25	75K	S		Q13-139X	2.0	.5I/1I	S	S
Q17-133X	.5	25K	S		Q18-139X	2.0	.5I	S	S
Q18-133X	.5	50K	S		Q18-139X	2.0	1I	S	S
Q13-133X	.5	125K	S		Q13-140X	3.0	900K	S	S
Q19-133X	.5	250K	S		Q18-140X	3.0	1I	S	S
Q18-133X	.5	100K/200K	S						

NET EACH.....1.31

## SPECIAL Q CONTROL SHAFTS

Type	Description	Net
AQ	Master shaft used in Q control 3" Long	35c
AQ5	Master shaft 5" long	52c
BQ	Slotted or tongued for remote auto control	82c
GO	Slotted Phico Shaft	50c
HQ	RCA Shaft	65c
JQ	1/8" Shaft for Zenith	65c
KQ	Motorola Shaft	56c
LQ	Balmain and Montgomery Ward Shaft	82c
MQ	Balmain and Montgomery Ward Shaft	82c
NQ	3/10" Universal Shaft	32c
RO	1/8" full round shaft, 1/4" or 3/8" bushing	35c
SO	3/4" long screw driver slotted shaft	35c
TO	3/4" long screw driver slotted shaft	41c
UQ	Same as BQ, but with clutch	82c
VQ	Magnavox Shaft	65c
WQ	Zenith Shaft	65c

## 4 WATT WIRE WOUND TYPE WPK

Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1-1/4" dia., 45/64" deep behind mounting face. 3" long Knob Master Shaft. Shpg. wt., 4 oz.

Type	Ohms	Tpr.	Type	Ohms	Tpr.
WPK10	10	U	WPK200L	2000	L
WPK20	20	U	WPK2250L	2250	L
WPK30	30	U	WPK2500	2500	U
WPK50	50	U	WPK2500R	2500	R
WPK100	100	U	WPK3000	3000	U
WPK200	200	U	WPK4000L	4000	L
WPK250	250	U	WPK5000	5000	U
WPK300	300	U	WPK5000L	5000	L
WPK400	400	U	WPK6000	6000	U
WPK500	500	U	WPK6000L	6000	L
WPK600	600	U	WPK7500	7500	U
WPK650	650	U	WPK7500L	7500	L
WPK750	750	U	WPK10000	10K	U
WPK750L	750	L	WPK12500	12.5K	U
WPK750R	750	R	WPK15000	15K	U
WPK1000	1000	U	WPK20000	20K	U
WPK1350	1350	U	WPK25000	25K	U
WPK1350R	1350	R	WPK30000	30K	U
WPK1500	1500	U	WPK40000	40K	U
WPK1500L	1500	L	WPK50000	50K	U
WPK2000	2000	U			

Above types 10-10K Net 1.12  
Above types 12500-25K Net 1.35  
Above types 30K-50K Net 1.56  
AWP-5" Long Master shaft for above 52c

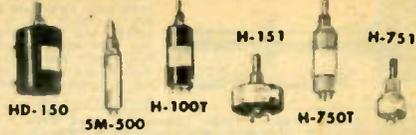
WM MULTISECTION CONTROLS Net each 1.12  
4-watt "add-on" control sections for use with types WPK or WPS controls. Addition of WM section converts either of the above types to dual section control unit. Size: 1/2" depth + Pat. dimensions. Shpg. Wt., 2 oz.

Type	Ohms	Type	Ohms
WM 50	50	WM 2000	2000
WM 100	100	WM 2500	2500
WM 200	200	WM 3000	3000
WM 250	250	WM 5000	5000
WM 500	500	WM 7500	7500
WM 1000	1000	WM 10000	10000
WM 1500	1500		

## EXPLANATION OF IRC TAPERS

- Linear.
- Logarithmic, audio or antenna shunt.
- Tapered both ends; grid bias and antenna.
- Tapped log; automatic bass compensation.
- Left hand taper for focus control.
- Semi-log, reverse taper for picture control.
- Same as P but steeper curve.
- Right hand taper for contrast and picture control.
- Special taper—based on specific application.
- Standard linear taper.

## CIRCUIT INSTRUMENTS INC. PRECISION MINIATURE POTS



Ideal for use requiring minimum space and maximum reliability. Resistance ranges from 100 to 100k ohms. Wattage ratings from 1 to 5 watts. Circuit Type "M" Pots. All 10-turn units. ± 5% resistance tolerance and ± 0.5% linearity for all resistance values. Av. Shpg. wt., 1 lb.

HD-150 5 watts. Ohms Ranges—1k, 5k, 10k, 20k, 50k and 100k. Dia x L, 1 1/2 x 2". Total L, 2-13/16". M-100T 4 watts. Ohms Ranges—500, 1k, 2.5k, 5k, 10k, 25k, 50k, 100k. Dia x L, 1 x 1 1/2", total L, 3 1/2". H-750T 3 watts. Ohms Ranges—250, 500, 1k, 5k, 10k, 25k, 50k. Dia x L, 3/4 x 1 1/2", total L, 2 3/4".

Circuit Type SM Subminiature Precision Pots. Wire-wound, 10 turns. Only 1 1/2" in dia.  
SM-500 1.5 watt. Ohms Ranges—500, 1k, 5k, 10k, 25k. ± 10% tolerance, ± 1% linearity. Total L, 2-20/32". Av. Shpg. wt., 1/2 lb.

Single Turn Precision Pots. Withstand severe environmental conditions and high vibrations.  
H-151 3 watts. Ohms Ranges—1k, 2.5k, 5k, and 10k. ± 5% tolerance, ± 5% linearity. Dia x L, 1 1/2 x 1/2", total L, 1 1/2". Av. Shpg. wt., 6 oz.

H-751 1 watt. Ohms Ranges—100, 250, 500, 1k, 5k, 10k. ± 10% tol. and ± 1% linearity. Dia x L, 3/4 x 3/4", total L, 1 1/2". Av. Shpg. wt., 4 oz.

REVODEX TURN-INDICATING DIALS. Direct-reading, 3 digits for any multi-turn device of 10 turns or less, with a 1/2" shaft. In either block or clear body.

TYPE	1-9 EACH	10-24 EACH	25-99 EACH	100-999 EACH
HD-150	10.00	9.50	9.00	8.50
H-100T	12.50	11.25	10.00	9.38
H-750T	14.40	12.96	11.50	10.80
SM-500	12.50	11.25	10.00	9.38
H-151	8.75	7.87	7.00	6.55
H-751	8.55	7.70	6.84	6.41
Revodex Dial	5.75	5.46	5.17	4.88

## 5 WATT WIREWOUND RADIOHMS

Size of a 2 watt, BUT rated at full 5 watts. 1-3/32" diam. x 9/16" deep. Linear taper. Shaft (WW-Style) full round, aluminum, 1/4" diam. x 3" long from mtg. surface. (WN-Style) Finger tip knurl, screwdriver slotted, 1/4" diam. x 3/4" long from mtg. surface. Bushing 3/4" long—3/8" x 32 thrd. Av. Shpg. wt., 6 oz.

OHMS	WW TYPE No.	WN TYPE No.	OHMS	WW TYPE No.	WN TYPE No.
1	WW-010	WN-010	100	WW-101	WN-101
2	WW-020	WN-020	200	WW-201	WN-201
3	WW-030	WN-030	250	WW-251	WN-251
4	WW-040	WN-040	300	WW-301	WN-301
5	WW-050	WN-050	400	WW-401	WN-401
6	WW-060	WN-060	500	WW-501	WN-501
8	WW-080	WN-080	750	WW-751	WN-751
10	WW-100	WN-100	1000	WW-102	WN-102
15	WW-150	WN-150	1500	WW-152	WN-152
20	WW-200	WN-200	2000	WW-202	WN-202
25	WW-250	WN-250	2500	WW-252	WN-252
30	WW-300	WN-300	3000	WW-302	WN-302
40	WW-400	WN-400	4000	WW-402	WN-402
50	WW-500	WN-500	5000	WW-502	WN-502
60	WW-600	WN-600	7500	WW-752	WN-752
75	WW-750	WN-750	10K	WW-103	WN-103
			15K	WW-153	WN-153

NET EACH 1.12

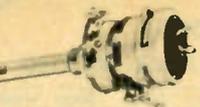
## CENTRAL TYPE C-1 COMPENTROL

A continuously compensated volume control that automatically maintains depth and brilliance even at whisper level. Shaft length 3", Width 15/16". Shpg. wt., 5 oz.

TYPE	DESCRIPTION	NET EA.
C1-60	1/2 meg, plain	2.69
C1-60-5	1/2 meg, with switch	3.23
C1-70	1 meg, plain	2.69
C1-70-5	1 meg, with switch	3.23

# CONTROLS - MALLORY-IRC-OHMITE-CLAROSTAT

## MALLORY EXACT REPLACEMENT T.V. CONTROLS



The listing below represents the most popular exact duplicate T.V. Replacement Controls. These controls are identical to the originals in every detail. No time is wasted in cutting the shafts or adding switches. Just remove old control and substitute the Mallory UE. To determine the proper replacement cut out broken control and look for the mfr's no. Then check the list below for the mfr's part number and order your control by the UE No.

Mallory No.	Mfr. and Mfrs. Part No.	NET
UE-1400	ADMIRAL 238738	2.20
UE-1205	ARVIN D22464-1	3.20
UE-1011	AFRMAIT 78160	2.20
UE-1518B	CRONLEY 148854c	2.82
UE-905	EMERSON 180504	2.82
UE-1600	FADA 92.31	2.20
UE-1390	GAHOD C-8	2.20
UE-3771	GE HRC 113	3.03
UE-1745B	GE K824576-1	2.20
UE-1011	HALLICHAFTER 258780	2.20
UE-1502B	HOFFMAN T404	2.20
UE-1590	MAJESTIC 21736	2.20
UE-7115	MOTOROLA 188742873A	2.82
UE-3255	MOTOROLA 188530874A	3.42
UE-1633W	MOTOROLA 188501153	2.82
UE-1473	MOTOROLA 18K561124	3.03
UE-1137	PHILCO 31-5573-23	2.20
UE-4195	RCA 972137-44	2.20
UE-1255	RCA 973399-1	2.82
UE-77	RCA 972138-1	2.20
UE-7205	RCA 71446	3.20
UE-7405	RCA 73910	3.03
UE-3001	RCA 972138-9	2.20
UE-3051	RCA 972138-4	2.20
UE-3032	RCA 972138-13	2.20
UE-1072	RCA 972138-1	2.20
UE-3053	RCA 972138-14	2.20
UE-70	RCA 972138-2	2.20
UE-76	RCA 972138-20	2.82
UE-1402	RCA 971779-23	2.20
UE-1893B	NEUTRINEL 2ME123	3.42
UE-7205	NEUTRINEL P970111-7	3.20
UE-7205	TRAD P970111-7	3.20
UE-1390	TRUETONE C-8 217.3	2.20
UE-7127	WELLS GARDNER 78X184-D	2.20
UE-435	WESTINGHOUSE V10021-2	2.73
UE-795	WESTINGHOUSE V10021-3	2.73
UE-795	WESTINGHOUSE 217V0022M1	2.73
UE-793B	WESTINGHOUSE V14391-4	2.73
UE-1815	WESTINGHOUSE 270V0022M2	2.73
UE-1815	WESTINGHOUSE V0877A	3.03
UE-1785	WESTINGHOUSE V0877-12	2.82

## 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 contact brush, except silver-graphite contact brush, assures positive contact and constant pressure. All mount on panel up to 1/4" knob. Ratings indicated are at full setting. U.L. approved. Knob supplied. Av. shg. wt., 10 oz.

**MODEL H-25 Watt**  
1-9/16" DIA. 1 1/2" Depth behind Panel

Type	Ohms	Each	Type	Ohms	Each	Type	Ohms	Each
0140	1	4.53	0148	35	4.03	0156	500	4.03
0141	2	4.03	0149	50	4.03	0157	750	4.03
0142	3	4.03	0150	75	4.03	0158	1000	4.53
0143	4	4.03	0151	100	4.03	0159	1500	4.53
0144	5	4.03	0152	125	4.03	0160	2500	4.53
0145	10	4.03	0153	175	4.03	0161	3500	4.76
0146	15	4.03	0154	250	4.03	0162	5000	4.76
0147	25	4.03	0155	350	4.03			

**MODEL J-50 Watt**  
2-15/16" DIA. 1 1/2" Depth behind Panel

Type	Ohms	Each	Type	Ohms	Each	Type	Ohms	Each
0308*	0.5	5.06	0317	35	4.53	0326	1000	4.76
0309*	1	5.06	0318	50	4.53	0327	1500	4.76
0310*	2	5.06	0319	80	4.53	0328	2500	4.76
0311	4	4.53	0320	125	4.53	0329	3500	5.06
0312	8	4.53	0321	150	4.53	0330	5000	5.06
0313	8	4.53	0322	225	4.53	0331	8000	5.06
0314	12	4.53	0323	300	4.53	0332	10000	5.06
0315	16	4.53	0324	500	4.53			
0316	22	4.53	0325	800	4.76			

**MODEL K-100 Watt**  
3 1/2" DIA. 1 1/2" Depth behind Panel

Type	Ohms	Each	Type	Ohms	Each	Type	Ohms	Each
0440*	0.5	7.59	0448	25	7.09	0456	750	7.09
0441*	1	7.59	0449	50	7.09	0457	1000	7.59
0442*	2	7.59	0450	75	7.09	0458	1500	7.59
0443*	3	7.59	0451	100	7.09	0459	2000	7.59
0444*	5	7.59	0452	200	7.09	0460	2500	7.59
0445	7.5	7.09	0453	300	7.09	0461	5000	8.06
0446	10	7.09	0454	400	7.09	0462	7500	8.50
0447	10	7.09	0455	500	7.09	0463	10000	9.06

## IRC EXACT DUPLICATE AUTO RADIO CONTROLS



These controls will replace your older ones without any change. Complete with switch where called for. Avg. shg. wt., 8 oz.

IRC NO.	CAR MFR.	YEAR	PART NO.	NET EACH
5412	2 Buick	1954	7264309	2.06
5413	2 Buick	1955	7265742	2.06
5414	2 Buick	1956	7266996	2.06
5415	2 Buick	1957	7268944	2.06
5423	Cadillac	1950-52	7259240	2.06
5424	Cadillac	1953	7263321	2.32
5425	Cadillac	1954-55	7264638	2.32
5426	Cadillac	1956	7266982	2.06
5427	Cadillac	1957	7269443	2.32
5342	Chevrolet	1949-50	7258084	2.06
5343	Chevrolet	1950	1218641	2.06
5344	Chevrolet	1951-52	1219708	2.06
5345	Chevrolet	1951-52	7261385	2.06
5351	Chevrolet	1955	7265265	2.06
5352	Chevrolet	1955-56	7265220	2.06
5353	Chevrolet	1955-57	7265302	2.06
5354	Chevrolet	1955-58	7266193	2.06
5355	Chevrolet	1956	7266842	2.06
5356	Chevrolet	1957	7269121	2.06
5357	Chevrolet	1957	7269199	2.06
5347	Chevrolet	1953-54	7262941	2.06
5348	Chevrolet	1953-54	7264211	2.06
5349	Chevrolet	1953-54	7264210	2.35
5360	Chevrolet	1957	18K541128	1.74
5358	Chevrolet	1957	7269186	2.06
5359	Chevrolet	1957	188540768	2.06
5362	Chevrolet	1957	7270202	1.74
5435	Chrysler	1953	83-5537-10	1.74
5436	Chrysler	1953-54	33-5557-13	2.06
5437	Chrysler	1955	33-5557-16	1.74
5438	Chrysler	1957	33-5580-16	2.06
5439	Chrysler	1957	33-5580-13	2.06
5449	2 DeSoto	1954	18A530623	1.14
5450	2 DeSoto	1955-56	188532633	1.74
5451	2 DeSoto	1957	188539819	2.06
5459	2 Dodge	1953	188521099	1.74
5460	2 Dodge	1954-55	18K533013	1.74
5461	2 Dodge	1955	188532519	1.74
5462	2 Dodge	1955-56	18K532955	1.74
5463	2 Dodge	1957	18K539820	2.06
5464	2 Dodge	1958	188561317	1.74
5308	4 Ford	1948-50	L222808	1.74
5309	4 Ford	1950	188591266	1.74
5310	3 Ford	1951	L219586-2	1.74
5311	3 Ford	1951	188501153	1.74
5312	0 Ford	1952-53	L219586-3	1.74
5313	5 Ford	1952-53	18K511635	1.74
5314	0 Ford	1954	L219586-7	1.74
5315	2 Ford	1954	188530018	1.74
5316	0 Ford	1955	L219586-1	1.74
5317	4 Ford	1955	188531299	1.74
5318	1 Ford	1956	L219681-1	1.74
5319	2 Ford	1956	188534483	1.74
5320	4 Ford	1957	20900305-1	1.74
5321	4 Ford	1957	18K539059	1.74
5322	4 Ford	1957	188539379	1.74
5323	4 Ford	1957-58	20900305-2	1.74
5324	4 Ford	1957-58	188541819	1.74
5325	4 Ford	1957-58	188542373	1.74
5399	4 Mercury	1957	33-5570-2	1.74
5400	4 Mercury	1958	N215689-4	1.74
5398	3 Mercury	1955-56	L219560-2	2.06
5346	4 Oldsmobile	1951-52	188512084	1.74
5473	2 Oldsmobile	1951	1219582	2.06
5474	2 Oldsmobile	1951	7260294	2.06
5475	2 Oldsmobile	1953	7263540	2.06
5476	2 Oldsmobile	1954-55	7264242	2.06
5477	2 Oldsmobile	1954-56	7264128	2.32
5478	2 Oldsmobile	1956	7266887	2.06
5479	2 Oldsmobile	1957	7266847	2.06
5480	2 Oldsmobile	1957	7269055	2.06
5494	2 Packard	1956	7267632	2.06
5501	0 Pontiac	1949-50	7257708	2.35
5502	0 Pontiac	1951-52	7260043	2.35
5503	2 Pontiac	1953-54	7262482	2.35
5504	1 Pontiac	1955-56	7265495	2.06
5505	2 Pontiac	1956	7268308	2.06
5506	2 Pontiac	1957	7269149	2.06
5507	2 Pontiac	1957	7269638	2.06
5373	3 Plymouth	1952	18A501616	1.15
5374	4 Plymouth	1953	188521635	1.15
5375	4 Plymouth	1953	33-5557-11	1.15
5376	4 Plymouth	1954-55	18A533014	1.74
5377	4 Plymouth	1955	18K532909	1.74
5378	4 Plymouth	1955	33-5557-15	1.74
5379	4 Plymouth	1956	18K53652	1.74
5380	4 Plymouth	1956	188536704	1.74
5381	4 Plymouth	1956	33-5580-4	1.74
5382	4 Plymouth	1957	188540376	1.15
5383	4 Plymouth	1957	33-5580-12	1.15
5384	4 Plymouth	1958	188560415	1.15
5385	4 Plymouth	1958	33-5580-21	1.15
5386	2 Plymouth	1955	33-5557-14	1.74
5517	2 Studebaker	1953	33-5570	2.06

## OHMITE TYPE "AS" MINIATURE MOLDED COMPOSITION POTENTIOMETER



Exceptionally reliable. These miniature molded composition potentiometers are ideal for aircraft, missile, computer, etc. Extremely lightweight and compact. Only 1 1/16" long, 1/2" dia. Molded composition resistance and collector tracks bridged by a molded composition brush which provides long life. Terminals molded directly into the control element to assure trouble-free connections. Sealed with a synthetic resin, the unit is dust-tight, splash-proof and fungus resistant. Gold-plated terminals for easy soldering. Rated 0.5 watt continuous, 350 v. Screw-driver slotted shaft-locking type. Temp. range, -55 to 120°C. All linear taper type. Meet QQ-M-151, MIL-R-94A and EIA requirements. All tolerances ±10% except \*20%. Shg. wt., 2 oz.

Type	Ohms	Type	Ohms
3601	100	3608	25000
3602	250	3609	50000
3603	500	3610	.1 meg
3604	1000	3611	.25 meg
3605	2500	3612	.50 meg
3606	5000	3613*	1.0 meg
3607	10000	3614*	2.5 meg
		3615*	5.0 meg

NET EACH 5.00

## 3 WATT CLAROSTAT SERIES 58 WIRE WOUND CONTROLS

Sturdy construction, yet capable of use for delicate control work. Smooth, noiseless operation with a high degree of stability. Precisely wound with alloy wire on thin bakelite strip. Perfect sliding contact. Shaft 1-1/2" long with 3/8" bushing, 1/4" diameter. All controls listed below are linear.



Type	Ohms	Type	Ohms	Type	Ohms
58-1	1	58-40	40	58-750	750
58-2	2	58-50	50	58-1000	1000
58-4	4	58-60	60	58-1500	1500
58-6	6	58-75	75	58-2000	2000
58-10	10	58-100	100	58-3000	3000
58-15	15	58-200	200	58-5000	5000
58-20	20	58-300	300	58-7500	7500
58-25	25	58-400	400	58-10M	10M
58-30	30	58-500	500	58-15K	15K

Any Above, thru 10,000 ohms.....Each .91  
15,000 ohms thru 25,000 ohms.....Each 1.18  
30,000 ohms thru 50,000 ohms.....Each 1.59

## OHMITE "AB" POTENTIOMETER



Two watt units for industrial, laboratory, TV service and other uses requiring high reliability. Molded resistor element for high safety factor. Dust-proof and splash-proof with imbedded contact and terminals to assure smooth, noise-free operation. Size: Single units, 1-1/16" dia., x 9/16". Double units, 1-1/16" dia., x 1-3/16". Mount in 3/8" hole on panels up to 1/4" thick. Types CU, CCU, CA and CB have 2" std. 1/4" round shafts; type CLU has locking nut and slotted shaft for screw driver adjustment. CU, CCU and CLU types have linear taper; CA types, clockwise logarithmic; CB types, counter-clockwise logarithmic. All 10% tolerance, except \* 20%. Average shg. wt., 5 oz. Other values available.

**TYPES CA, CB, CU—2-INCH SHAFT**

Type	Ohms	Net	Type	Ohms	Net
CU5001	50	1.91	CB5031	50,000	2.20
CU1011	100	1.91	CU1041	100,000	1.91
CU2511	250	1.91	CA1041	100,000	2.20
CU					

# RESISTORS

**AEROVOX**

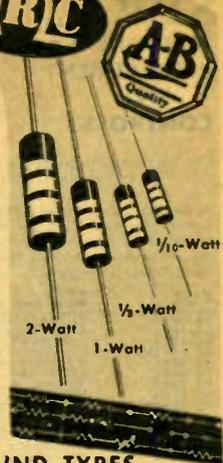
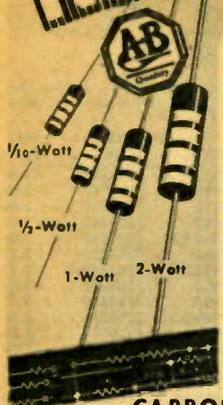
**OHMITE**



## ALLEN-BRADLEY AND IRC RESISTORS

### MASTER CHART EIA (RETMA) VALUES - SPECIFY RESISTANCE WANTED

Ohms	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*	100,000*	0.47*	2.2*	10*	
0.51	2.4	11	51	240	1100	5100	24,000	110,000	0.11 meg	0.51	2.4	11
0.56*	2.7*	12*	56*	270*	1200*	5600*	27,000*	120,000*	0.12 meg	0.56*	2.7*	12*
0.62	3.0	13	62	300	1300	6200	30,000	130,000	0.13 meg	0.62	3.0	13
0.68*	3.3*	15*	68*	330*	1500*	6800*	33,000*	150,000*	0.15 meg	0.68*	3.3*	15*
0.75	3.6	16	75	360	1600	7500	36,000	160,000	0.16 meg	0.75	3.6	16
0.82*	3.9*	18*	82*	390*	1800*	8200*	39,000*	180,000*	0.18 meg	0.82*	3.9*	18*
0.91	4.3	20	91	430	2000	9100	43,000	200,000	0.20 meg	0.91	4.3	20
1.0*	4.7*	22*	100*	470*	2200*	10,000*	47,000*	220,000*	0.22 meg	1.0*	4.7*	22*



## ALLEN-BRADLEY AND IRC RESISTORS

### CARBON TYPES

Molded, insulated resistors that exceed rigid MIL-R11 specifications. EIA (RETMA) color coded. Brand new factory fresh stock with full length leads. Sizes: 1/8 Lx 1/4 (1/2 watt); 1/16 Lx 1/2 (1 watt); 1/16 Lx 1/8 (2 watt).

10% TOLERANCE available within limits of ranges listed below and in sizes shown in master chart with asterisk.

Stock No.	Watts	Range	NET EA.	5 For
RS-10	1/2	10 ohms to 22 meg	.07	.28
RS-11	1	10 ohms to 22 meg	.09	.37
RS-12	2	100 ohms to 22 meg	.15	.68

5% TOLERANCE Available within limits of ranges listed below. In all sizes shown in master chart.

Stock No.	Watts	Range	NET EA.	5 For
RS-13	1/2	10 ohms to 22 meg	.20	.75
RS-14	1	10 ohms to 22 meg	.30	1.18
RS-15	2	100 ohms to 22 meg	.40	1.75

### INDUSTRIAL QUANTITY PRICES

Special prices for quantity purchases of 1/2 and 1 watt 10% resistors. Minimum 100 of a value. Assortments of values permitted for 500 and 1000 lot prices, but must be at least 100 per value. Only in sizes with asterisk in master chart. Ranges 10 ohms to 22 meg.

Stock No.	Watts	Lots 100 per 100	Lots 500 per 100	Lots 1000 per 100
RS-10	1/2	3.98	3.00	2.70
RS-11	1	5.90	4.50	4.25

### WIREWOUND TYPES

IRC Type BW. Will stand 50% to 100%. Overloads with little resistance change. Sizes: 1/2 watt 1/8" x 1/16"; (1 watt) 1/4" x 1/8"; (2 watt) 1/4" x 1/4".

10% TOLERANCE available within limits of ranges below in sizes with asterisk in master chart.

Stock No.	Watts	Range	NET EA.	5 For
RS-16	1/2	0.27 to 8.2 ohms	.24	.94
RS-17	1/2	10 to 820 ohms	.20	.78
RS-18	1	0.47 to 4700 ohms	.30	1.18
RS-19	2	1.0 to 8200 ohms	.40	1.57

## OHMITE 1/10TH WATT RESISTORS

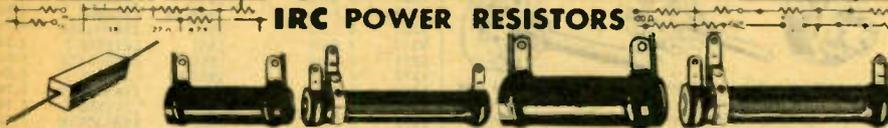
Subminiature resistor especially designed for applications such as transistor circuitry. Lead wires firmly molded in. Special insulating coating permits continuous operation at 200 V D.C. Tolerance, ±10%. Extremely low noise level. Available in all sizes with asterisk in master chart from 10 ohms to 1.0 meg.

RS-24	5 for .94 - singly each .24
Lots of 100 of a single value, 14.40	

5% TOLERANCE available within limits of ranges below in all sizes in master chart.

Stock No.	Watts	Range	NET EA.	5 For
RS-20	1/2	0.24 to 9.1 ohms	.48	1.88
RS-21	1/2	10 to 820 ohms	.30	1.18
RS-22	1	0.47 to 3100 ohms	.45	1.76
RS-23	2	1.0 to 8200 ohms	.60	2.35

## IRC POWER RESISTORS



PW10. 10 watt wire wound resistor with axial leads. Rectangular ceramic enclosure.

1 3/4 A. 10 watt tubular power resistor. Equipped with radial leads and lug terminals. Famous IRC cement coating.

1 3/4 AA. 10 watt adjustable power resistor of tubular type. Radial lug terminals.

2D. 20 watt tubular power resistor. Radial leads and lug terminals. Cement coating.

2 1/2 DA. 25 watt adjustable power resistor. Radial lug terminals. Mounting brackets included.

## STOCK LIST OF IRC POWER RESISTORS

RESISTORS AVAILABLE ONLY WHERE PRICE IS INDICATED

Ohms	PW10	1 3/4 A	1 3/4 AA	2D	2 1/2 DA	Ohms	PW10	1 3/4 A	1 3/4 AA	2D	2 1/2 DA
1	.35	.47	.94	.62	1.21	1200	—	.53	—	.65	—
2	.35	—	.94	—	—	1250	.35	.53	1.00	.65	—
3	.35	—	.94	—	1.21	1500	.35	.53	1.00	.65	1.23
4	.35	.47	—	—	—	1750	—	.53	—	—	—
5	.35	.47	.94	.62	1.21	2000	.35	.53	1.00	.65	1.23
7.5	.35	.47	—	—	—	2250	—	.53	1.00	.65	—
10	.35	.47	.94	.62	1.21	2500	.35	.53	1.00	.65	1.23
15	.35	.47	—	—	1.21	3000	.35	.53	1.00	.65	1.23
20	.35	.47	.94	—	—	3300	.35	—	—	—	—
25	.35	.47	.94	.62	1.21	3500	—	.53	—	—	1.23
30	—	.47	—	—	—	3900	.35	—	—	—	—
35	—	.47	—	—	—	4000	.35	.53	1.00	.65	1.23
50	.35	.47	.94	.62	1.21	4500	—	.53	—	.65	1.23
75	.35	.47	.94	.62	1.21	5000	.35	.53	1.00	.65	1.23
100	.35	.47	.94	.62	1.21	6000	.35	.53	—	.71	1.29
150	.35	.47	.94	.62	1.21	7000	—	.59	—	.71	1.29
200	.35	.47	.94	.62	1.21	7500	.35	.59	1.06	.71	1.29
225	—	.47	—	—	—	8000	—	.59	—	.71	—
250	.35	.47	.94	.62	1.21	8200	.35	—	—	—	—
300	.35	.47	.94	.62	1.21	8500	—	.59	—	—	—
350	—	.47	—	.62	—	9000	—	.59	1.06	—	—
400	—	.47	.94	.62	1.21	10,000	.35	.59	1.06	.71	1.29
450	—	.47	—	—	—	12,000	—	.65	—	.76	—
500	.35	.47	.94	.62	1.21	12,500	—	.65	—	.76	—
600	—	.47	—	—	—	15,000	.35	.65	—	.76	—
700	—	.47	—	—	—	20,000	.35	.65	—	.76	1.35
750	.35	.47	.94	.62	1.21	25,000	.35	.71	—	.88	1.47
800	—	.47	.94	.62	1.21	30,000	—	—	—	.88	—
900	—	.47	—	—	—	35,000	—	—	—	.88	—
1000	.35	.47	.94	.62	1.21	40,000	—	—	—	.88	—
1100	—	.53	—	—	—	50,000	—	—	—	1.03	—

## AEROVOX ±1% CARBOFILM PRECISION RESISTORS



Carbon deposited on ceramic rods for circuits requiring stability and accuracy. Silver plated contacts. Type CP-1/2 rated 1/2 watt, 1500V, size 1 3/4 x 1 1/16"; type CPL-1/2 rated 1/2 watt, 2000 V, size 1 3/4 x 1 1/16"; type CP-1 rated 1 watt, 2500 V, size 1 3/4 x 1 1/16". All ±1%.

TYPE CP-1/2	— 1/2 watt 100 ohms to 2.2 meg	.....Ea. .65
TYPE CP-1/2	— 1/2 watt 2.4 meg to 5 meg	.....Ea. .89
TYPE CPL-1/2	— 1/2 watt 5.1 meg to 7.5 meg	.....Ea. .97
TYPE CP-1	— 1 watt 100 ohms to 5 meg	.....Ea. .97
TYPE CP-1	— 1 watt 5.6 meg to 10 meg	.....Ea 1.07
TYPE CP-1	— 1 watt 12 meg to 15 meg	.....Ea 1.22

Ohms	Ohms	Ohms	Ohms	Ohms	Megs
100	750	5600	47,000	390,000	3.3
110	820	6200	51,000	430,000	3.6
120	910	6800	56,000	470,000	3.9
130	1000	7500	62,000	510,000	4.3
150	1100	8200	68,000	560,000	5.1
180	1200	9100	75,000	620,000	5.6
200	1300	10,000	82,000	680,000	6.2
220	1500	11,000	91,000	750,000	6.2
240	1800	12,000	100,000	820,000	6.8
270	2000	15,000	110,000	910,000	7.5
300	2200	18,000	120,000	1.0 meg	8.2
330	2400	20,000	150,000	1.1 meg	9.1
360	2700	22,000	180,000	1.2 meg	10.0
390	3000	24,000	200,000	1.5 meg	12.0
430	3300	27,000	220,000	1.8 meg	15.0
470	3600	30,000	240,000	2.0 meg	—
510	3900	33,000	270,000	2.2 meg	—
560	4300	36,000	300,000	2.4 meg	—
620	4700	39,000	330,000	2.7 meg	—
680	5100	43,000	360,000	3.0 meg	—

# SERVICEMEN SPECIALS — SELENIUM — GERMANIUM — SILICON RECTIFIERS

## A FABULOUS BUY! GENUINE Lafayette and ALLEN-BRADLEY Resistor Kit



10% TOLERANCE 1/2 Watt RMA Color Coded

**100 INSULATED RESISTORS**

with PLASTIC  
HINGED BOX!

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 1/2" x 4 1/2" x 1-3/16". Meet JAN-R-11 specifications.

Stock No. KI-23—Total 100 molded resistors with Transparent Plastic Case .....Net 4.50 **100 TOTAL**

**\$4.50**

QUANT.	OHMS
3	100
3	175
4	1,000
4	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
4	Other popular values
20	

## TEXAS MIL-R-10509B PRECISION CARBO FILM RESISTORS TYPE CD 1/2 MR

1/2 watt precision carbon film resistors. High degree of stability and reliability. Insulation resistance greater than 50,000 megohms. Tolerance ± 1%. Meets or exceeds MIL-R-10509B specs for characteristic. MIL-designation RN20X. Size: 0.530" length x 0.160" Dia. Avg. shgp. wt., 4 ozs.

Stock No.	Values Ohms	1-24 Net Each	25-99 Net Each	100-249 Net Each
RS-25	10-49.9	.72	.38	.31
RS-26	50-2.2 Meg	.60	.32	.24
RS-27	2.21 Meg-5 Meg	.83	.44	.32

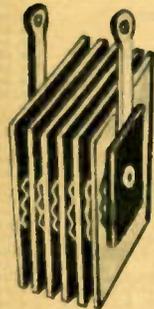
For greater quantities write for quotations.

### DECADE CHART OF MIL-BELL VALUES

These resistors are available in all the basic ohmages shown in this chart and in any multiple of 10 times these values up to 5 megohms. For example, you may order 10 ohms 100, 1000, 100,000 or 1 meg. When ordering specify stock no. and ohmage.

#### RESISTANCE CHART (Refer to above for stock no. and price)

10.0	13.3	17.8	23.7	31.6	42.2	56.2	75.0
10.2	13.7	18.2	24.3	32.4	43.2	57.6	76.8
10.5	14.0	18.7	24.9	33.2	44.2	59.0	78.7
10.7	14.3	19.1	25.5	34.0	45.3	60.4	80.6
11.0	14.7	19.6	26.1	34.8	46.4	61.9	82.5
11.3	15.0	20.0	26.7	35.7	47.5	63.4	84.5
11.5	15.4	20.5	27.4	36.5	48.7	64.9	86.6
11.8	15.8	21.0	28.0	37.4	49.9	66.5	88.7
12.1	16.2	21.5	28.7	38.3	51.1	68.1	90.7
12.4	16.5	22.1	29.4	39.2	52.3	69.8	93.1
12.7	16.9	22.6	30.1	40.2	53.6	71.5	95.3
13.0	17.4	23.2	30.9	41.2	54.9	73.2	97.6



## MINIATURE SELENIUM RECTIFIERS

• DIRECT REPLACEMENTS FOR TV & RADIO

Input voltage is 130 volts AC. Highest quality rectifiers at Lafayette's unmatched economy prices.

Stock No.	Ma.	Each	Lots of 10 Each
RE-12	65	.57	.55
RE-14	75	.67	.64
RE-10	100	.80	.75
RE-15	150	.97	.89
RE-16	200	1.19	1.08
RE-11	250	1.21	1.11
RE-17	300	1.39	1.29
RE-18	350	1.51	1.41
RE-13	400	1.69	1.59
RE-19	450	1.75	1.65
RE-20	500	1.85	1.75
RE-23	600	1.95	1.85

## 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). ± At full load. Type of mounting: \* Insulated bolt; † Insulated stud; ‡ grounded foot. J = universal mounting design.

Mfr. No.	ACV In-put	DCV Out-put	Cont. Amps	Size HxWxD	Replacement in Equipment	Wt. lbs.	List	Net Each
1B12R*	9.7	5.2	1.3	1 1/8 x 1 1/8 x 1 1/8"	Electric Fence Supplies	1/2	3.95	2.63
1B12LS*	9.7	5.0	4.5	2 1/8 x 2 1/8 x 2 1/8"	Mallory 6AC4-2 charger	1/2	7.10	4.73
1B12CS*	9.7	5.0	5.3	2 1/8 x 2 1/8 x 3"	Mallory 6AC6-3 charger	3/4	8.95	5.97
1B12C1J*	9.8	5.1	3.2	1 1/8 x 1 1/8 x 2 1/8"	Mallory 3C, 6ACA booster	3/4	7.25	4.84
	12.8	6.6	6.0	3 x 2 1/2 x 3 3/4"	Mallory 5535B, 6AC6, 1S16CB7M			
1S16CB7*	12.8	6.5	8.3	3 x 2 1/2 x 5 1/2"	6-AC-10-2, 107, 1S16B7M	1 1/2	12.30	8.20
1S16B7J	12.7	6.4	11.6	4 1/4 x 3 1/2 x 5 1/2"	Mallory 6AC10	2	13.60	9.07
1S16B7S	12.7	6.4	11.6	4 1/4 x 3 1/2 x 5 1/2"	Mallory 6AC10	3	15.50	10.33
F16C3†	13.0	6.8	3.9	2 1/8 x 1 1/8 x 3"	Mallory 5535	1	10.70	7.13
1S24C7J‡	19.4	10.1	4.0	3 1/2 x 2 1/2 x 4 1/2"	Mallory 12-AC-5-2	2 1/2	15.45	10.30

## NEW! SARKES TARZIAN SILICON RECTIFIER



Model 500 Cartridge type silicon rectifier that replaces all selenium rectifiers used in radio and TV up to 500 milliamps. Has greater life and can withstand more heat. Mounts in standard fuse holder for 3AG fuse. Can take up to a maximum input of 280 volts AC. Size: 1" L x 13/32" diam; ends — 1/4" diam. Shgp. wt., 3 ozs.  
**RE-39 Silicon Rectifier**.....Lots of 10, each 1.45.....Net 1.62  
 Model M-150 Same as above, but takes up to 150 Milliamps. Size: 1" L x 13/32. Shgp. wt., 3 ozs.  
**RE-40 Silicon rectifier**.....Lots of 10, each .84.....Net .93  
 Model K-200 Same as M-150 except 200 M.A. rating and pigtail leads. Size: 1/2" L x 1/2. Shgp. wt., 3 ozs.  
**RE-41**.....Lots of 10, each 1.19.....Net 1.32  
 Model K-40 Same as M500 except pigtail leads. Size: 1/2" L x 1/2. Shgp. wt., 3 ozs.  
**RE-42**.....Lots of 10, each 1.39.....Net 1.55  
**BUSS 440S HOLDER FOR SINGLE M500**.....12  
**BUSS 440B DUAL HOLDER FOR TWO M500**.....24

## NEW! GE GERMANIUM TV RECTIFIERS • MAKES TV RECTIFIER REPLACEMENT A "SNAP"

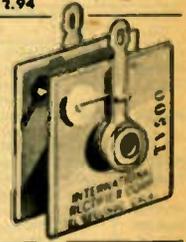
The new GE germanium TV rectifiers are specifically designed for TV power supply applications. Provides higher DC output. Mechanical "snap-in" design. All are rated for 130 Volts input.



No. IN 1016	Type Halfwave Doubler	Ma. 400 250	Net Each 1.47 2.94
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## NEW! INTERNATIONAL RECTIFIER 500 Ma. RADIO & TV SILICON RECTIFIER

A silicon diode rectifier to replace all existing Radio and TV selenium rectifiers up to 750 milliamps. Features eyelet construction for mounting and replaces selenium units without any need for conversion. Size: 1 1/2" x 1 1/2" x 1" overall. Shgp. wt., 9 ozs.  
**RE-21**.....Lots of 10, each 1.45.....Singly 1.62  
**SILICON T.V. 502 COLOR T.V. REPLACEMENT**  
 Rated 750MA @ 260V. Exact replacement for many color T.V. sets, also for doubler circuits in black and white sets. Size: 1 1/2" x 1 1/2" x 1". Shgp. wt., 9 ozs.  
**RE-38**.....Lots of 10, each 2.62.....Singly 2.91



## IRC PRECISION WIREWOUND RESISTORS

IRC precision wirewound resistors meet all specs of MIL-R-93-A, amendment 2. All resistors are ± 1% tolerance. All have lug terminals except WW10J which has wire leads. Avg. shgp. wt., 3 ozs.

Stock No.	Ohms	Each	Net	Stock No.	Ohms	Net Each
RS-28	1 Meg	10.78		RS-30	2 Meg	14.70
RS-29	1.5 Meg	12.49		RS-31	2.5 Meg	15.67

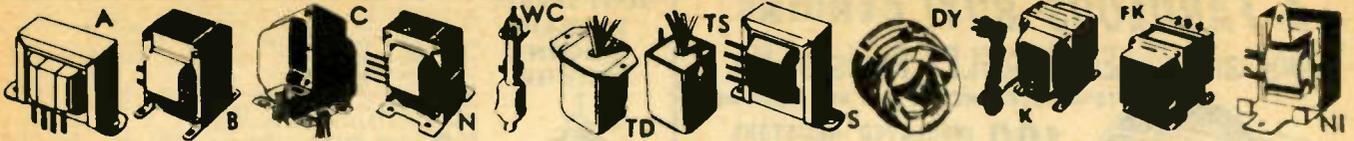
Stock No.	Ohms	Net Each	Stock No.	Ohms	Net Each
RS-32	0.1		RS-54	10,000	1.59
RS-33	0.2		RS-55	12,500	
RS-34	0.5		RS-56	15,000	
RS-35	1	1.29	RS-57	20,000	
RS-36	5		RS-58	22,500	2.06
RS-37	10		RS-59	25,000	
RS-38	25		RS-60	30,000	
RS-39	50		RS-61	40,000	
RS-40	100		RS-62	50,000	
RS-41	200		RS-63	60,000	
RS-42	250		RS-64	75,000	2.32
RS-43	300	1.38	RS-65	100,000	
RS-44	500		RS-66	125,000	
RS-45	1000		RS-67	150,000	2.56
RS-46	1500		RS-68	175,000	
RS-47	2000		RS-69	200,000	
RS-48	2500		RS-70	225,000	
RS-49	3000	1.50	RS-71	250,000	2.82
RS-50	3500		RS-72	300,000	
RS-51	4000		RS-73	400,000	3.32
RS-52	5000	1.59	RS-74	500,000	3.79
RS-53	7500				

Stock No.	Ohms	Net Each	Stock No.	Ohms	Net Each
RS-75	0.6 Meg	7.06	RS-77	0.9 Meg	7.59
RS-76	0.75 Meg	7.35	RS-78	1 Meg	7.85

Stock No.	Ohms	Net Each	Stock No.	Ohms	Net Each
RS-79	10		RS-93	4,000	1.29
RS-80	25	1.32	RS-94	5,000	
RS-81	50		RS-95	7,500	1.35
			RS-96	10,000	
RS-82	100		RS-97	12,500	
RS-83	200		RS-98	15,000	
RS-84	250	1.26	RS-99	20,000	
RS-85	300		RS-100	25,000	1.59
RS-86	500		RS-101	30,000	
RS-87	1000		RS-102	40,000	
RS-88	1500		RS-103	50,000	
RS-89	2000				
RS-90	2500	1.29	RS-104	60,000	
RS-91	3000		RS-105	75,000	1.76
RS-92	3500		RS-106	0.1 Meg	

# STANCOR

# TRANSFORMERS, YOKES & FLYBACKS



### VIBRATOR TRANSFORMERS



FOR AUTOMOTIVE EQUIPMENT \*6 V.D.C. and 115 V.A.C. primary. Others 6 V.D.C. primary only

STAN. NO.	Sec DC to Filter VOLTS	MA	Sec VCT	FIG. DIMENSIONS	WT. LBS.	NET EACH
P4062	280	60	600	3 1/2 x 2 1/2 x 2 1/2	2 1/2	5.34
P4061	250	50	580	3 1/2 x 2 1/2 x 2 1/2	2 1/2	5.04
P4060	225	40	480	3 1/2 x 2 1/2 x 2 1/2	2 1/2	5.15
P6301	150	40	420	2-5/16 x 2 1/2 x 1 1/2	1 1/2	3.67
P6166*	FIL. 6.3V at 2.25 A 135		700	C 4 3/4 x 4 3/8	7 1/2	11.89
P6491	200	40	376	3 1/2 x 2 1/2	1 1/2	3.87

Exact Replacements. For original equipment. AV Shpg. wt., 2 lbs.

STAN. NO.	FIG.	ORIGINAL MANUFACTURERS PART NUMBERS	NET EACH
P4064	TA	Delco 7240519	8.19
P4065	TC	Delco 7255881	7.95
P6471	TA	Motrola 258472533 Colonial-Detroita D71014	5.29
P6472	TA	Colonial, Bendix, Detroita Motrola C217020, C71014, 25870950	5.29
P6473	TA	Zenith 95-1073	5.64
P6476	TA	Colonial, Detroita, Motrola C70267, D70267	5.64
P6478	R	Motrola 25C501644	3.46
P6480	R	Philco 65-0347	3.63
P6481	R	Philco 32-831 3-1	4.41
P6482	TC	Delco 6060	8.34
P6484	TA	Motrola 25870950-E	5.64
P6485	TA	Zenith 95-1071	5.68
P6486	TA	Motrola 25C472586-C	6.43
P6487	TA	Motrola 258-23103	5.40
P6488	TA	Motrola 25C521454	4.38
P6489	R	Delco 6067	8.07
P6490	R	Bendix (Ford Model 588F) 25C535794 Motrola 32-8592-1 Philco	4.26 3.64
P6495	R	25K535795 Motrola	4.19

### VERTICAL BLOCKING OSCILLATOR

STAN. NO.	TURNS RATIO	SIZE	TYPE	WT. LBS.	NET
A-8111	1:4.2	1 1/2 x 1 1/2 x 2 1/2	A	0.4	1.94
A-8121	1:4.2	1 1/2 x 1 1/2 x 3/16	TD	0.4	2.59
A-8122	1:4.2	1-9/16 x 1-3/16 x 1-3/16	TS	0.3	3.84
A-8124	Sec. 1 1:10.48 Sec. 2 1:1	1 1/2 x 1 1/2 x 2 1/2	A	0.7	2.71
A-8125	1:1	1-3/16 x 2-3/16 x 1/4	A	0.4	1.91
A-8126	1:1.5	1 1/2 x 1 1/2 x 2	R	0.5	1.94
VB0-200	1:1.5	1 1/2 x 1 1/2 x 2	A	0.05	2.06

### VERTICAL OUTPUT TRANSFORMERS

All type A, except \* is MV, \* is NI, Δ is N2, + is NM, † is autotransformer type

STAN. NO.	TURNS RATIO	DC RES	SEC	SIZE	WT. LBS.	NET EA.
A-8112	10:1	1300	10	2 x 1 3/4 x 3 1/2	1.0	2.94
A-8113	8.8:1	700	12	2 x 1 3/4 x 3 1/2	1.0	3.08
A-8115†	10:1	600	7	3-1/16 x 2 1/2 x 2 1/2	2.5	5.24
A-8116‡	10:1	825	7	3-1/16 x 2 1/2 x 2 1/2	2.2	5.23
A-8123†	11.4:1	1200	11	2 x 1 3/4 x 3 1/2	1.2	2.91
A-8140	44:1	400	0.3	3-1/16 x 2 1/2 x 2 1/2	2.5	5.23
A-8141†	18:1	1650	4.8	2 1/2 x 3 1/2 x 2 1/2	1.8	4.17
A-8142*	8:1	540	10.8	2 1/2 x 2 1/2 x 3 1/2	2 1/2	5.04
A-8143	10:1	625	14	2 1/2 x 2 1/2 x 3 1/2	2	3.37
A-8144	9:1	540	15	2 1/2 x 1 1/2 x 3 1/2	1 1/2	3.13
A-8145*	9:1	540	14	2 1/2 x 2 1/2 x 3 1/2	2	4.20
A-8147†	6.9:1	375	10	2 x 1 3/4 x 3 1/2	1 1/2	2.97
A-8147†	6:1	300	9	2 x 1 3/4 x 3 1/2	1	2.88
A-8148†	8:1	375	4.5	2 x 1 3/4 x 3 1/2	1 1/2	3.37
A-8149*	6.9:1	330	8.5	2 x 1 3/4 x 3 1/2	1	2.68
A-8150*	9:1	450	6.7	2 x 1 3/4 x 2-3/16	1.5	4.06
A-8151	7.5:1/15:1	580	6.7	2 1/2 x 3 1/2 x 2 1/2	2	3.53
VO-100	9:1	360	14	2 1/2 x 3 1/2 x 1 1/2	1 1/2	3.40
VO-101	12:1	675	6.8	2 1/2 x 3 1/2 x 1 1/2	1 1/2	3.30
VO-102	6.5:1	275	10	2 1/2 x 3 1/2 x 1 1/2	2 1/2	4.82
VO-103	16:1	330	5.5	2 x 3/4 x 1 1/2	1 1/2	4.11
VO-104	46:1	430	4	2 1/2 x 3 1/2 x 1 1/2	2 1/2	4.33
VO-105	44.5:1	740	9	2 x 3/4 x 1 1/2	1 1/2	2.72
VO-106	38.5:1	1400	3.8	1 1/2 x 2 1/2 x 1 1/2	1	2.47
VO-107	32:1	1220	3	1 1/2 x 2 1/2 x 1 1/2	1	2.47

### HORIZONTAL BLOCKING OSCILLATORS

Stan. No.	Turns Ratio	Size	Mfg. Ctr.	Type	Sh. Wt.	Net Ea.
A-8110	2:1	1 1/2 x 1 1/2 x 2 1/2	2	A	0.4	2.12
A-8120	2:1	1 1/2 x 1 1/2 x 2-5/16	1-15/16	TD	0.4	3.37

### DEFLECTION YOKES

All core ferrite cores, cosine wound, with leads and net-walk. All type DY. All 3/8" diam. except DY14A is 2 1/2". Shpg. wt., 1 lb.

Stan. No.	Inductance Horiz.	Res. Horiz.	Ohms Vert.	Max. Scan	Net Ea.
DY-1A	8.3	50	13.5	66	53° 7.54
DY-2A	10.3	50	14.5	66	70° 7.22
DY-8A	8.5	50	14.5	52.5	70° 7.22
DY-9A	30.0	50	17.5	52.5	70° 8.60
DY-10A	30.0	3.5	45	3.5	70° 7.22
DY-11A	20.0	50	31	50	70° 8.29
DY-12A	30.0	50	41	50	70° 8.01
DY-13A	12.5	48	15	52	90° 10.17
DY-14A	30.0	3.5	45	3.5	70° 7.58
DY-15A	25.0	50.0	35	50	70° 7.88
DY-16A	20	44.0	26	45	90° 9.17
DY-24A	18.5	11.0	34	11.5	90° 7.58
DY-25A	24.0	11.0	46	11.0	90° 7.58

### STANCOR EXACT DUPLICATE YOKES

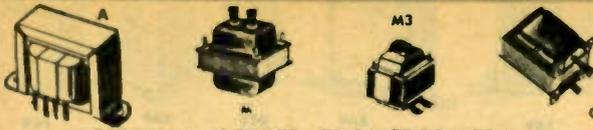
Stan. No.	Mfr.	Mfr. No.	Net Ea.
DY-17A	GE	R1D 069 E7959641	8.65
DY-22A	Hoffman	5192A	8.51
DY-21A	R.C.A.	76653, 78278, 971387-3, 971744-1	7.44
DY-23A	R.C.A.	972459-2, -3	8.53
DY-26A	R.C.A.	104408, 104078, 105053, 972958-1, -2, -4, -5	10.64
DY-27A	R.C.A.	104822, 972958-3	10.21
DY-18A	Sylvania	100-0003, 0005, 0006, 0007	8.54
DY-19A	Sylvania	100-0009	8.47
DY-20A	Sylvania	100-0004	8.09

### STANCOR EXACT DUPLICATE FLYBACKS

These exact replacement flybacks are built from the set manufacturers' original specifications. They are exact electrical and physical duplicates of the units they are designated to replace. (Av. Shpg. wt., 1 1/2 lbs.)

STAN. NO.	MFR.	MFR. NO.	NET	STAN. NO.	MFR.	MFR. NO.	NET	STAN. NO.	MFR.	MFR. NO.	NET
A-8128	ADMIRAL	79C23-3, 79C28-1	6.88	HO-254	GE	R70-179	6.47	HO-278	PHILCO	32-8695	7.06
A-8133	ADMIRAL	79C30-1/3	8.89	A-8263	GE	58B283, 55D266, 55B266	7.88	HO-284	PHILCO	32-8708-1	6.54
A-8134	ADMIRAL	79C30-2/4, 79C38-1, 79D38-1	6.96	HO-275	HALLICRAFTERS	55C158/E, 55C171	7.05	A-8119	RCA	21178	7.00
A-8254	ADMIRAL	79C80-1	5.59	A-8248	HALLICRAFTERS	55D197	6.37	A-8256	RCA	233T1	6.47
A-8255	ADMIRAL	79C80-2/3	6.49	A-8249	HALLICRAFTERS	55D231	6.35	A-8243	RCA	78183	8.30
HO-265	ADMIRAL	79C70-2/1	5.83	A-8285	HALLICRAFTERS	55D180	7.58	A-8244	RCA	78201, 78810	8.25
A-8138	ADMIRAL	79D-41-1/2	7.64	HO-261	HALLICRAFTERS	55D285	6.63	A-8233	RCA	76439, 76793	7.35
A-8253	ADMIRAL	79D48-1	7.35	A-8228	HOFFMAN	8123/34	5.53	A-8234	RCA	76501	4.68
A-8292	ADMIRAL	79D65-1	7.06	A-8137	HOFFMAN	5035	7.00	A-8235	RCA	75519, 78585, 76381	5.38
A-8128	AIRLINE	22E42	6.88	A-8252	HOFFMAN	5156/5160	6.47	HO-272	RCA	V-1021-1, 103092	8.35
A-8248	AIRLINE	22E47	7.02	HO-261	HOFFMAN	5191A	6.63	A-8236	SILVERTONE	10104/07/08/10/26/35	7.35
A-8246	AIRLINE	22E87	7.02	A-8299	MAGNAVOX	360593-1/2	7.61	A-8231	SILVERTONE	10136B/37/38/39	7.35
A-8247	AIRLINE	22E75	5.96	A-8294	MAGNAVOX	360806/1	7.05	HO-274	SILVERTONE	T80-326	6.76
A-8297	AIRLINE	C201-19817-1/2/3	7.50	A-8295	MAGNAVOX	360814-1, 360823/1	7.05	HO-274	SILVERTONE	T80-336	6.76
HO-273	AIRLINE	53X319, 53X320	6.59	A-8266	MAGNAVOX	360659	6.52	A-8237	STYLVANIA	241-0003	5.82
HO-263	AIRLINE	83X359A	6.33	HO-279	MAGNAVOX	360632-1	6.53	A-8238	STYLVANIA	241-0005/0006	5.53
A-8131	CAPEHART	750163A-1	5.87	HO-293	MOTOROLA	24C73648H	6.56	A-8229	STYLVANIA	241-0007	5.29
A-8285	CAPEHART	850283E-1	7.64	A-8230	MOTOROLA	24K792753, 24K701099	6.98	HO-259	STYLVANIA	241-0011	6.47
A-8230	CBS-COLUMBIA	10104/07/08/10/26/35	7.35	A-8276	MOTOROLA	24C711263/A	6.98	HO-273	WELLS GARDNER	53X319, 53X320	6.59
A-8231	CBS-COLUMBIA	101368/37/38/39	7.35	A-8211	MUNTZ	24C721290	9.11	A-8284	WELLS GARDNER	53X359A	7.05
HO-258	CBS-COLUMBIA	12000751, 12000151	7.02	A-8212	MUNTZ	24K711193	9.11	A-8284	WELLS GARDNER	53X326/8/9/20	4.80
A-8283	CBS-COLUMBIA	12000841	6.92	A-8226	MUNTZ	24K713101C, 24K721317C	9.11	A-8285	WELLS GARDNER	53X337	7.57
A-8284	CBS-COLUMBIA	12000151	6.54	HO-280	MOTOROLA	24K739294	6.45	A-8236	WESTINGHOUSE	V-1548-1/2/3/4	7.74
A-8267	CBS-COLUMBIA	PC10161, PC10147	8.09	HO-281	MOTOROLA	24K730902/3	6.82	A-8237	WESTINGHOUSE	V-9904-1, V-10203-1	6.76
A-8261	CROSLLEY	157820	6.36	HO-281	MOTOROLA	24K732384	6.82	A-8237	WESTINGHOUSE	V-9904-2, V-10204-1	6.66
A-8248	CROSLLEY	1574069/1, 154990/2/3	6.27	HO-281	MOTOROLA	24K732748/7	6.82	A-8238	WESTINGHOUSE	V-1021-1	7.05
A-8233	CROSLLEY	158481-1/2/5	7.88	HO-281	MOTOROLA	24K733407	6.82	A-8267	ZENITH	S-15911/12, 16556-6	7.05
A-8128	DUMONT	20-373, 2006426	6.56	HO-281	MOTOROLA	24K734869	6.82	A-8267	ZENITH	S-17130/40, 17233	7.05
A-8249	DUMONT	20050321	6.43	HO-282	MOTOROLA	24C736487	6.38	A-8267	ZENITH	S-17245/263/435	7.05
A-8250	DUMONT	20004361	6.43	HO-282	MOTOROLA	24K736898	6.38	A-8267	ZENITH	S-17646/767/811	7.05
A-8251	DUMONT	20004731	6.43	A-8129	MUNTZ	24C736898	7.38	A-8267	ZENITH	S-17652, -20908	7.05
A-8262	DUMONT	20008061/8402	6.43	A-8242	MUNTZ	24C736898	6.53				

# CHOKES — OUTPUT & POWER TRANSFORMERS **STANCOR**



## GENERAL POWER TRANSFORMERS

All Primaries For 117 V. 60 Cycles AC.

All primaries 117 V 60 cycle. All secondaries C.T. except PS-8415† has extra 6.3 V CT 3 AMP winding. \*Far use with selenium rectifier or 6AX5, 6X4 or 6X5. All type M except PC is C and PS is A.

Stan. No.	Plate Vct	Rect. Ma	Size	Wt. Lbs.	Phi. 6.4V @ A	1-9	10-24	25-49	50-99
PS-8415	125	15	2 1/2 x 1 1/2 x 2"	1 1/4	6	2.31	2.09	1.88	1.74
PS-8416	250	25	2-5/16 x 2 1/2 x 1 1/2"	1	1.0	2.76	5.46	2.26	2.10
PC-8401	470	40	2 3/4 x 2 1/2 x 2"	2 1/2	2.0	5.66	5.12	4.61	4.26
PC-8402	470	40	2 3/4 x 1 1/2 x 2 1/2"	2 1/2	2.0	5.38	4.87	4.36	4.06
PC-8403	480	55	2 1/2 x 2 1/2 x 3"	2 1/2	2.0	5.50	4.97	4.47	4.15
PC-8404	480	55	2 1/2 x 1 1/2 x 2 1/2"	2 1/2	2.0	5.35	4.84	4.35	4.03
PC-8419	480	70	2 1/2 x 2 1/2 x 3"	2 1/2	3.0	5.38	4.87	4.38	4.06
PC-8419	480	70	2 1/2 x 1 1/2 x 2 1/2"	2 1/2	3.0	5.38	4.87	4.38	4.06
PC-8403	500	70	2 3/4 x 2 1/2 x 3"	3 1/4	2.5	6.21	5.62	5.06	4.69
PC-8403	500	70	2 3/4 x 1 1/2 x 3 1/4"	3 1/4	2.5	6.21	5.62	5.06	4.69
PC-8404	520	90	2 3/4 x 3 1/2 x 3"	4	3.0	6.88	6.22	5.60	5.18
PC-8404	520	90	2 3/4 x 3 1/2 x 5 1/2"	4	3.0	6.88	6.22	5.60	5.18
PC-8405	540	120	3 3/4 x 3 1/2 x 3 1/2"	4 1/2	3.5	8.88	8.11	7.30	6.76
PC-8405	540	120	3 3/4 x 3 1/2 x 5 1/2"	4 1/2	3.5	8.88	8.11	7.30	6.76
PC-8406	650	40	2 1/2 x 3 1/2 x 2"	2 1/2	2.0	5.63	5.09	4.58	4.24
PC-8407	650	55	2 1/2 x 3 1/2 x 3"	2 1/2	2.0	5.88	5.29	4.76	4.41
PC-8406	650	40	2 3/4 x 1 1/2 x 2 1/2"	2 1/2	2.0	5.63	5.09	4.58	4.24
PC-8407	650	55	2 3/4 x 1 1/2 x 3 1/4"	3 1/4	2.5	5.88	5.29	4.76	4.41
PC-8408	680	70	2 3/4 x 3 1/2 x 3"	4	2.5	7.32	6.61	5.96	5.52
PC-8408	680	70	2 3/4 x 3 1/2 x 5 1/2"	4	2.5	7.32	6.61	5.96	5.52
PC-8409	700	90	2 3/4 x 3 1/2 x 3 1/2"	4 1/2	3.0	7.73	6.99	6.28	5.82
PC-8409	700	90	2 3/4 x 3 1/2 x 5 1/2"	4 1/2	3.0	7.73	6.99	6.28	5.82
PC-8410	720	120	3 3/4 x 3 1/2 x 3 1/2"	5 1/2	3.5	9.12	8.25	7.42	6.87
PC-8410	720	120	3 3/4 x 3 1/2 x 5 1/2"	5 1/2	3.5	9.12	8.25	7.42	6.87
PC-8411	750	150	3 3/4 x 3 1/2 x 4 1/2"	5 1/2	4.5	12.23	11.05	9.95	9.21
PC-8411	750	150	3 3/4 x 3 1/2 x 5 1/2"	5 1/2	4.5	11.75	10.61	9.65	8.85
PC-8412	800	200	3 3/4 x 4 1/2 x 3 1/2"	8 1/2	5.0	12.27	11.08	9.98	9.23
PC-8412	800	200	3 3/4 x 4 1/2 x 5 1/2"	8 1/2	5.0	12.23	11.05	9.95	9.19
PC-8414†	1200	200	3 3/4 x 4 1/2 x 4 1/2"	8 1/2	3.0	14.40	13.01	11.71	10.84

## FILAMENT TRANSFORMERS

All primaries are 117 volt except \* which is 6.3 and † which is 117/107.

Stan. No.	Volts	Amps	Insul.	Type	Shpp. Wt.				
					1-9	1-24	25-49	50-99	
P-3064	6.3CT	6.0	2,500	B	2.4	8.32	7.52	6.76	5.00
P-6134	6.3CT	1.2	2,500	A	0.8	2.09	1.89	1.70	1.58
P-6308†	6.3CT	10.0	2,500	M	3.4	6.56	5.93	5.37	4.94
P-8190	6.3	1.2	5,000	A	1.0	2.76	2.49	2.24	2.08
P-8191*	6.3	1.2	5,000	A	1.0	2.95	2.67	2.40	2.23
P-6454	2.5CT	10.0	7,500	S	2.5	3.98	3.60	3.24	3.05
P-6455	5.0CT	6.0	2,000	S	2	4.32	3.90	3.51	3.25
P-6492	5.0CT	30.0	2,500	C	7.5	10.89	9.84	8.86	8.20
P-6468	5.0CT	30.0	2,500	D	4.3	12.73	11.51	10.35	9.59
P-6462	6.3	3.0	7,000	S	2.0	5.58	5.04	4.54	4.20
P-6456	6.3CT	6.0	2,000	A	2.0	3.80	3.44	3.09	2.86
P-6463	6.3CT	13.0	2,000	BV	4.5	7.82	7.07	6.36	5.89
P-6138	7.5CT	8.0	2,000	BV	4.7	7.25	6.56	5.90	5.46
P-5016	10.0CT	4.0	2,500	BV	3.3	6.03	5.45	4.90	4.54
P-6139	10.0CT	8.0	2,500	BV	4.9	7.47	6.75	6.08	5.63
P-8130	12.6CT	2.0	1,500	A	1.4	3.42	3.09	2.78	2.58
P-6469	25.2	1.0	1,500	A	1.4	3.28	2.94	2.65	2.45
P-6457	7.5CT	21.0	2,000	C	8.0	12.65	11.43	10.28	9.52
P-6458	10.0CT	5.0	2,000	BV	3.0	4.68	4.23	3.81	3.53
P-6461	10.0CT	10.0	2,000	C	5.0	8.75	7.91	7.11	6.59

## FILTER CHOKES

All mtg. type A except \* is C, † is B, § is M

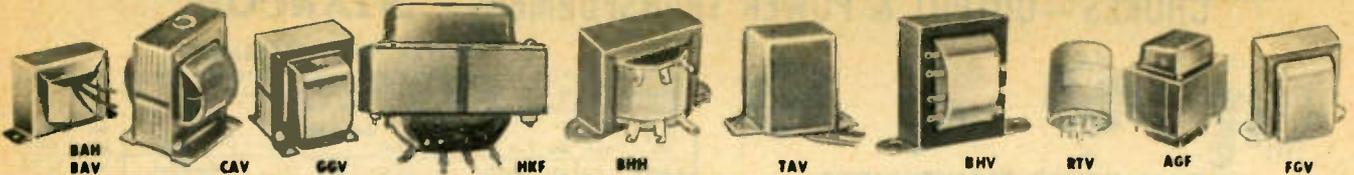
Stan. No.	Hys.	Ma	Ohms	Size	Lbs.				
					1-9	10-24	25-49	50-99	
C-1001	3.5	110	225	2 1/4 x 4 x 2 1/2"	2.3	3.50	3.16	2.84	2.64
C-1080	3.5	50	200	1 3/8 x 1 1/2 x 2 1/2"	0.7	1.61	1.45	1.31	1.22
C-1315	9.0	50	500	1 3/4 x 2 1/2 x 1 1/2"	0.7	1.56	1.41	1.27	1.18
C-1325	5.0	50	250	1 1/2 x 2 1/4 x 1 1/2"	0.7	1.61	1.45	1.31	1.22
C-1610*	4.0	175	100	3 3/4 x 1 1/2 x 2 1/2"	2.4	4.43	3.99	3.60	3.33
C-1411*	4.5	200	80	3 3/4 x 3 1/2 x 3"	2.5	5.53	4.99	4.50	4.16
C-1412*	4.5	200	60	3 3/4 x 3 1/2 x 3 1/2"	4.3	6.80	6.14	5.53	5.12
C-1646*	3.0	200	90	4 x 3 1/2 x 3 1/2"	4.5	6.63	5.99	5.40	4.99
C-1703†	4.0	250	60	3 1/2 x 2 1/2 x 3 1/2"	4.2	6.05	5.47	4.92	4.56
C-1704	4.5	300	300	1 3/4 x 2 1/2 x 1 1/2"	0.4	1.25	1.14	1.02	.94
C-1707	7.0	50	550	1 3/4 x 2 1/2 x 1 1/2"	0.4	1.38	1.25	1.13	1.04
C-1709	9.0	85	250	2 x 3 1/2 x 2	1.4	2.34	2.12	1.92	1.78
C-1721‡	8.5	200	120	3 7/8 x 3 1/2 x 3	4.4	7.32	6.61	5.94	5.25
C-1722‡	8.0	300	80	4 1/2 x 3 1/2 x 3 1/2"	7.3	10.77	9.73	8.76	8.11
C-2303	2.5	130	100	2 x 3 1/2 x 1 1/2"	1.0	2.20	1.99	1.78	1.66
C-2304	2.3	150	60	2 x 3 1/2 x 1 1/2"	1.0	2.20	1.99	1.78	1.66
C-2309	3.0	150	90	2 1/2 x 3 1/2 x 2 1/2"	1.7	2.50	2.27	2.04	1.89
C-2325	2.0	200	60	2 1/2 x 3 1/2 x 2 1/2"	1.8	2.78	2.52	2.26	2.10
C-2326	1.0	300	43	2 1/2 x 3 1/2 x 2 1/2"	1.7	2.83	2.56	2.30	2.14
C-2327	1.5	200	85	1 3/4 x 2 1/2 x 1 1/2"	0.8	1.75	1.59	1.43	1.32
C-2328	0.8	375	25	2 1/2 x 3 1/2 x 2"	1.5	3.52	3.18	2.84	2.65
C-2334	2.8	300	60	2 1/2 x 2 1/2 x 4"	2.5	3.45	3.12	2.80	2.60

## TV POWER TRANSFORMERS

All primaries 117V 60 cycle. All plate voltages C.T. except ‡ for use in voltage doubler circuits. All type M except \* is C, † is M3. §§ is C with 2 sockets. † Dual 6.3 windings may be used as 12.6 V.C.T.

Stan. No.	Plate Vct	Ma	Rect.	V	A	Other PNs		Size	Wt. Lbs.	Net Each	
						Volt	Amp.				
P-5059*	675	200	5	CT	3	6.3	CT	5	4 1/2 x 4 1/2 x 4	9.6	13.06
P-6315	740	275	5	CT	3	6.3	CT	7	4 1/2 x 3 1/2 x 4 1/2	9.3	13.68
P-6154	750	205	5	3	3	5.0/6.3	2.0/5.6	4 1/2 x 4 1/2 x 4 1/2	9.1	14.70	
P-6155	490	90	5	2	2	6.3	5.15	3 1/2 x 2 1/2 x 3 1/2	4.3	7.59	
P-6164	720	195	5	3	3	5.0/12.6	2.0/5.0	4 1/2 x 3 1/2 x 4 1/2	16.5	21.10	
P-6157	770	195	5/5	3/2	3/2	6.3/6.3/5.0	7.65/0.6/2.0	4 1/2 x 3 1/2 x 4 1/2	11.1	19.11	
P-6158†	470	105	5	3	3	6.3/6.3/6.3	4.25/4.0/2.0	3 1/2 x 3 1/2 x 4 1/2	6.2	11.02	
P-6159	720	250	5	3	3	5.0/6.3/6.3	2.0/8.0/0.6	5 1/2 x 3 1/2 x 4 1/2	10.0	17.29	
P-6160	720	185	5	3	3	6.45	12.0	4 1/2 x 3 1/2 x 4 1/2	9.6	16.23	
P-6161	330	65	5/5	3/2	3/2	6.3	9.0	5 1/2 x 3 1/2 x 4 1/2	11.0	18.61	
P-6162†	770	230	5	CT	3	6.3	9.0	5 1/2 x 4 1/2 x 3 1/2	9.0	17.15	
P-6163	740	190	5	3	3	6.3/6.3	7.75/1.2	5 1/2 x 3 1/2 x 4 1/2	10.8	16.65	
P-6164	600	225	5	3	3	6.3	9.0	4 1/2 x 3 1/2 x 4 1/2	7.5	15.88	
P-6165	700	180	5	3	3	6.3/6.3	2.0/10.0	4 1/2 x 3 1/2 x 4 1/2	11.0	18.68	
P-6166	440	70	5	3	3	6.3/6.3/6.3	2.5/5.0/5.0	6 x 3 1/2 x 4 1/2	13.0	19.30	
P-6167	560	200	5	6	6	6.3/6.3	4.5/8.5	6 x 3 1/2 x 4 1/2	13.0	19.73	
P-6168	440	330	5	3	3	6.3/6.3	6.5/5.6	4 1/2 x 3 1/2 x 4 1/2	10.5	18.45	
P-6169†	760	220	5	3	3	6.3/6.3/6.3	1.2/5.0/7.0	4 1/2 x 3 1/2 x 4 1/2	10.5	16.77	
P-6170†	760	220	5	3	3	6.3/6.3/6.3	1.2/5.0/7.0	4 1/2 x 4 1/2 x 4 1/2	10.5	16.31	
P-6171‡	720	225	5	3	3	6.3/6.3	2.0/9.0	5 x 3 1/2 x 4 1/2	10.5	17.64	
P-6321	620	240	5	3	3	6.3/6.3	6.4/3.0	4 1/2 x 3 1/2 x 4 1/2	9	14.15	
P-6322	560	260	5	3	3	6.3/6.3/6.3	7.1/1.2/9	4 1/2 x 3 1/2 x 4 1/2	11	15.58	
P-6323	700	180	5	CT	3	6.3/6.3	11.4/9	4 1/2 x 3 1/2 x 4 1/2	10	14.93	
P-6324	590	305	5	5	5	6.3/6.3	8.5/1.2	5 1/2 x 3 1/2 x 4 1/2	13	16.66	
P-6325	600	325	5	6	6	6.3/6.3	8.8/1.5	5 1/2 x 3 1/2 x 4 1/2	13	16.99	
P-6326†	117	280	5	6	6	6.3/6.3/6.3	9.5/0.6/1.2	4 1/2 x 3 1/2 x 4 1/2	8	13.12	
P-6327	400	225	5	3	3	6.3	8.25	4 1/2 x 3 1/2 x 4 1/2	8 1/2	14.09	
P-6328	630	310	5	6	6	6.3/6.3	10.0/1.6	5 1/2 x 3 1/2 x 4 1/2	12 1/2	18.40	
P-6329*	590	255	5	3	3	12.6	5.25	4 1/2 x 3 1/2 x 4 1/2	8 1/2	13.93	
P-6330	710	320	5	6	6	6.3/6.3/6.3	9.5/1.65/2.4	4 1/2 x 3 1/2 x 4 1/2	12	18.40	
P-6341*	720	175	5/5	3/2	3/2	12.6	5.45	4 1/2 x 3 1/2 x 4 1/2	11	16.18	
P-6342	730	260	5	6	6	6.3/6.3	8.85/1.2	5 1/2 x 3 1/2 x 4 1/2	13	17.57	
P-6343	700	215									

# THORDARSON TELEVISION AND AUDIO TRANSFORMERS



## UNIVERSAL AUDIO OUTPUT

THORD. NO.	PRI-SEC IMPEDANCE	MA	WATTS	MTG. CTYS.	WT. LBS.	50 & Over			
						1-9	10-24	25-49	50 & Over
24540	4000/7000/8000/10000/14000 CT/10 To 30	36	4	BH 2	0.5	2.68	2.38	2.15	1.99
22587	2000/3500/8000/14000 CT/To 30	10	6	BAH 2 1/2	0.75	4.12	3.70	3.33	3.15
22588	2000/3500/8000/14000 CT/To 30	10	8	BAH 2 1/2	1	4.12	3.70	3.33	3.18
24581	4000/7000/8000/10000/14000 CT/To 1 To 30	40	8	BHM 2 1/2	1	2.65	2.38	2.18	1.99
24582	1800/2000/2500/3000/4000 CT/To 1 To 30	50	8	BHM 2 1/2	1.25	5.76	5.19	5.08	4.79
22580	2500/4000 CT/To 30	60	10	BAH 2 1/2	1.25	2.65	2.38	2.15	1.99
22588	5000/7000 CT/To 30	45	10	BAH 2 1/2	1.25	6.30	5.67	5.11	4.82
22586	8000/10000 CT/To 30	35	10	BAH 2 1/2	1.25	3.22	2.90	2.61	2.44
26546	10000/14000 CT/4000/7000/8000/10000/14000 CT/To 1 To 30	40	18	BHV 2 1/2	1.5	3.99	3.60	3.24	3.06

## FIXED AUDIO OUTPUT

Units marked \* are humbucking with 3% and 6% taps. All are BAH-BAV mounting types and have 3.2 ohms secondary. 26559 also has 8 and 16 ohm secondary.

THORD. NO.	PRIMARY IMPEDANCE	WATTS	MTG. CTYS.	WT. LBS.	50 & Over			
					1-9	10-24	25-49	50 & Over
22545	1500-2500	6	2	.5	2.94	2.63	2.38	2.25
22546	2000-3000	6	2	.5	3.32	2.99	2.70	2.54
22547	6000-7000 CT	5	2	.5	3.12	2.81	2.63	2.38
24548	4000-8000	5	1 1/2	.5	1.34	1.21	1.09	1.03
24550	3500	8	2 1/2	.5	1.45	1.31	1.18	1.11
24550A*	2000	8	2	.5	1.06	1.05	1.07	1.08
24551	5000	5	2	.5	1.45	1.31	1.18	1.11
24551A*	5000	5	2	.5	2.20	1.98	1.79	1.69
24552	7000-10000	5	2	.5	2.48	2.24	2.02	1.90
26547	14000 CT	12	2 1/2	1.0	2.79	2.52	2.27	2.14
26548	7000	8	2 1/2	.75	2.38	2.12	1.90	1.80
26549	8000	8	2 1/2	.75	2.06	1.85	1.67	1.58
26550	3500	8	2	.75	2.35	2.12	1.90	1.80
26558	2500	3	1 1/2	.4	1.89	1.44	1.30	1.23
26559	10000 CT	10	2 1/2	1.0	3.09	2.77	2.50	2.36

## FILAMENT TRANSFORMERS

All primaries are 117 Volt 50/60 cycle except \* which is 6.3V. All units are designed to RETMA standards and color code.

THORD. NO.	MTG. TYPE	SECONDARY VOLTS	AMPS	INSUL.	SHPG. WT. LBS.	50 & Over			
						1-9	10-24	25-49	50 & Over
21F03	BAV	5 CT	3.0	2500	1.0	4.18	3.75	3.38	3.19
21F08	BAV	6.3 CT	1.0	2500	1.0	2.06	1.85	1.67	1.58
21F09	BAH	6.3 CT	1.2	2500	1.0	2.06	1.85	1.67	1.58
21F10	BAV	6.3 CT	3.0	2500	1.25	3.32	2.90	2.70	2.54
21F11	CAV	6.3 CT	6.0	2500	2.75	4.85	4.37	3.84	3.62
21F12	CAV	6.3 CT	10	2500	3.25	6.17	5.56	5.01	4.73
21F27	BAH	26.6 CT	.6	3000	1.25	3.82	3.44	3.10	2.93
26F50	BAH	6.3	1.2	5000	1.25	2.70	2.43	2.19	2.07
26F61	BAV	6.3 CT	3.0	2500	2.5	7.66	6.90	6.21	5.86
26F63	BAV	6.3	3.6	2500					
26F64	GGV	25	.320	On Pri	3.5	7.64	6.88	6.19	5.84
26F65*	BAH	6.3	1.2	3500	1.25	2.91	2.62	2.36	2.23
26F67	BAH	12.6 CT	2.0	2500	1.0	3.34	3.03	2.73	2.58
26F69	HKF	6.3	3	2500	3.0	6.59	5.94	5.45	5.05
21F34	BAH	2.5CT	1.5	2500	.7	2.70	2.43	2.19	2.07
21F35	BAH	2.5CT	2.5	2500	.7	2.94	2.65	2.39	2.26
21F01	BAV	2.5CT	10	2500	1.5	4.63	4.17	3.76	3.56
21F02	CAV	2.5CT	10	10000	2.75	6.47	5.63	5.07	4.79
21F06	CAV	3.0CT	13	2500	3.25	8.01	7.11	6.40	6.04
21F40	BAV	6.3CT	3	2500	1.0	3.53	3.18	2.87	2.72
21F00	BAV	2.5CT	5	2500	1.0	2.94	2.65	2.39	2.26
21F31	BAV	2.5CT	5	7500	1.5	3.72	3.35	3.02	2.85

All chokes are BAH mounting type except \* ones which are mounting type GGV.

## FILTER CHOKES

THORD. NO.	HYS.	MA	OHMS	SIZE	LBS.	50 & Over			
						1-9	10-24	25-49	50 & Over
20C49	5	150	58	2 1/2 x 2 1/2 x 4	2.5	4.16	2.63	2.38	2.25
20C53	4.5	200	375	2 x 2 1/2 x 3 1/2	1.5	2.59	2.34	2.11	1.99
20C54*	12	80	145	3 1/2 x 2 1/2 x 2 1/2	3.0	4.55	4.10	3.69	3.48
20C55*	4	100	75	3 1/2 x 2 1/2 x 3 1/2	3.5	5.62	5.24	4.72	4.46
20C56*	8	150	60	3 1/2 x 3 1/2 x 4 1/2	6.75	9.26	8.34	7.51	7.08
26C41	1.5	200	90	1 1/2 x 1 1/2 x 2 1/2	0.7	1.76	1.59	1.43	1.36
26C42	4.2	80	200	1 1/2 x 1 1/2 x 2 1/2	0.8	1.62	1.46	1.32	1.25
26C43	2.0	50	21	1 1/2 x 1 1/2 x 2 1/2	1.0	2.88	2.60	2.34	2.21
26C44	2	300	60	2 1/2 x 2 1/2 x 3 1/2	1.5	3.22	2.87	2.60	2.38
26C45*	10	200	140	3 1/2 x 2 1/2 x 4 1/2	4.9	7.81	6.40	5.76	5.44

## 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.

Mrs. Type	Plate V**	Rect. MA	FIL I V A	FIL II V A	Mtg. Ctrs.	Wt. Lbs.	1-9	10-24	25-49	50 & Over		
24R00	480	40	5	2	6.3	2.0	2x2 1/2	2	5.63	5.09	4.59	4.34
24R00-U	480	40	5	2	6.3	2.0	2x1 1/2	2	5.42	4.88	4.40	4.16
24R01	650	40	5	2	6.3	2.0	2x2 1/2	2 1/2	5.64	5.08	4.57	4.33
24R01-U	650	40	5	2	6.3	2.0	2x1 1/2	2 1/2	5.64	5.08	4.57	4.33
24R02	700	70	5	2	6.3	2.5	2 1/2 x 2 1/2	4	7.35	6.62	5.96	5.63
24R04	700	90	3	3	6.3	3.5	2 1/2 x 2 1/2	4 1/2	8.01	7.21	6.49	6.13
24R05	700	120	5	3	6.3	4.7	2 1/2 x 3 1/2	5 1/2	8.64	7.71	6.49	6.13
24R05-U	700	120	5	3	6.3	4.7	2 1/2 x 2 1/2	5 1/2	8.64	7.71	7.01	6.61
24R06	750	150	5	3	6.3	4.7	2 1/2 x 3 1/2	6 1/2	12.30	11.07	9.97	9.31
24R06-U	750	150	5	3	6.3	4.7	2 1/2 x 2 1/2	6 1/2	11.79	10.62	9.56	9.02
24R07	800	200	5	3	6.3	5.0	3x3 1/2	9 1/2	12.33	11.10	9.99	9.43
24R07-U	800	200	5	3	6.3	5.0	3x3 1/2	9 1/2	12.30	11.07	9.97	9.40

## ECONOMY "24" SERIES TUBE-TO-VOICE COIL OUTPUT TRANSFORMERS

Fig. BAH. For economical replacement use in most popular radios. All have single 3.2-ohm secondaries and are rated Class A.

Mrs. Type	Primary Impedance	Pri. Ma	W	Mtg. Ctrs.	Wt. Lbs.	1-9	10-24	25-49	50 & Over
24S48	4 000-5 000	10	5	1 1/2	1/2	1.34	1.21	1.09	1.03
24S49	7 000-8 000	10	5	1 1/2	1/2	1.34	1.21	1.09	1.03
24S50	2 000	55	5	2	1/2	1.45	1.31	1.18	1.11
24S51	5 000	40	5	2	1/2	1.45	1.31	1.18	1.11
24S52	7 000-10 000	30	5	2	1/2	1.49	1.35	1.22	1.15
24S54	15 000-25 000	10	5	2	1/2	1.60	1.44	1.30	1.23

## TUBE-TO-LINE TRANSFORMERS (LOW LEVEL)

Primary for single or PP plates. Sec. to line. 60-15,000 cps. 22S91 has hum-bucking construction. Shpg. wt., 1 1/2 lbs.

Type	Fig.	Pri.	Sec.	Ctrs.	1-9	10-24	25-49	50 & Over
22S90	FGV	20 000 CT	125 200 500	2 1/2	4.12	3.71	3.34	3.15
22S91	BAH	20 000 CT	125 200 500	2 1/2	3.82	3.44	3.10	2.93

## UNIVERSAL LINE-TO-VOICE COIL

Fig. BHM. Secondary taps market with impedance values. \*Also market for 70 v. power distribution service.

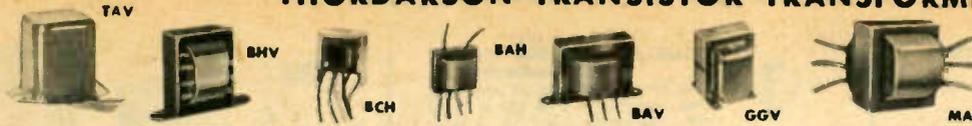
Mrs. Type	Primary Impedance	Sec. Imp.	Watts	Wt. Lbs.	1-9	10-24	25-49	50 & Over
22S80	500, 600		8	2 1/2	4.56	4.11	3.70	3.59
22S82			25	2 1/2	5.19	4.68	4.22	3.99
22S83	2000/1500/1000/500	3.2, 8, 16	15	2 1/2	4.41	3.97	3.58	3.38
22S84			5	2 1/2	4.12	3.58	3.23	3.06
22S85			3	2 1/2	4.41	3.97	3.58	3.38
22S86	2000, 1500, 1000, 500	3.2, 8	10	1 1/2	2.96	2.67	2.41	2.28
24S62*	3000, 2500, 2000, 1500, 1000, 500	.06 -48	10	2 1/2	5.76	5.19	4.68	4.43

## AUDIO INPUT TRANSFORMERS

Electrostatic shielded. \*Response, 250-3500 cps. †Response, 60-7500 cps; hum-bucking construction. All Fig. BAH except 20A01, Fig. FGV. Av. shpg. wt., 1 lb.

Mrs. Type	Turns Ratio	Application	Mtg. Ctrs.	1-9	10-24	25-49	50 & Over
*20A00	1 10	Line or mic to sgl or PP grids	2	3.53	3.18	2.87	2.71
*20A01	1 20	Line or mic to sgl grid	2 1/2	4.59	4.14	3.73	3.53
*20A04	1 30	Voice coil or mic to grid	2	1.98	1.79	1.62	1.54
20A10	1 20	Line or mic to sgl grid	2 1/2	4.24	3.82	3.44	3.25
20A11	1 20	Line or mic to sgl or PP grids	2 1/2	3.53	3.18	2.87	2.72

# THORDARSON TRANSISTOR TRANSFORMERS



## APPLICATIONS

- A Input
- D Driver
- S Output
- J Interstage

### 150 MILLIWATTS

Part No.	Mng. Type BCH		All Size Turns Ratio	Applic-ation	Avg. shpg. wt., 6 oz.
	Impedance Wdg. #1	Wdg. #2			
TR-12	100CT	10	3.3:1	S	4.23
TR-15	100CT	15	4.4:1	S	4.06
TR-104	400CT	4	5.2:1	S	4.58
TR-19	400CT	11	6.0:1	S	4.58
TR-16	400CT	11	3.3:1	S	4.30
TR-5	400CT	15	1.8:1	S	4.58
TR-27	500CT	3	12.5:1	S	4.58
TR-18	500CT	10	5.5:1	S	4.58
TR-102	500CT	4 1/8 1/16	5.5:1	D-S	4.58
TR-11	500CT	10	7.4:1	D-S	4.58
TR-103	600CT	4 1/8 1/16	3.0:1	S	4.58
TR-20	600CT	10	6.2:1	S	4.58
TR-29	825CT	4 1/8 1/16	15.0:1	S	4.58
TR-104	825CT	4 1/8 1/16	6.7:1	S	4.58
TR-105	825CT	4 1/8 1/16	0.8:1	D-S	4.58
TR-1	1.500CT	3	1.5:1	D-S	4.58
TR-107	2.500CT	4 1/16	11.8:1	S	4.58
TR-2	5.000CT	7.500	1.2:1	D-J	4.58

1-9 each 3.65    10-24 each 3.29    25-49 each 2.97    50 and over each 2.86

### 300 MILLIWATTS

Part No.	Mng. Type BAH		All Size Turns Ratio	Applic-ation	Avg. shpg. wt., 6 oz.
	Impedance Wdg. #1	Wdg. #2			
TR-8	400CT	4	4.8:1	S	2.45:1
TR-110	400CT	4	4.8:1	S	2.45:1
TR-111	100CT	4	4.8:1	S	2.50:1
TR-112	100CT	4	4.8:1	S	3.27:1
TR-21	100CT	4	4.8:1	S	4.27:1
TR-22	400CT	4	4.8:1	S	7.07:1
TR-113	400CT	4	4.8:1	S	5.00:1
TR-114	500CT	4	5.00:1	D-J	1.00:1
TR-115	500CT	4	4.8:1	S	5.60:1
TR-117	500CT	4	4.8:1	S	6.00:1
TR-118	3.000CT	4	8.7:1	S	13.70:1
TR-23	100,000	100,000	50	S	44.70:1
TR-24	100,000	1,500CT	1,500	A-J	8.17:1
TR-25	100,000	1,000	1,000	A	13.00:1
TR-26	200,000	200,000	200,000	A	14.00:1
TR-33	250,000	200CT	200CT	A	35.00:1
TR-36	500,000	200CT	200CT	A	50.00:1

1-9 each 3.65; 10-24 each 3.29    25-49 each 2.97; 50 and over each 2.86

### 50 MILLIWATTS

Part No.	Mng. type BAH		All Size Turns Ratio	Applic-ation	Avg. shpg. wt., 8 oz.
	Impedance Wdg. #1	Wdg. #2			
TR-43	125CT	10	3.3:1	S	4.23
TR-50	200CT	3.2	7.0:1	S	4.06
TR-46	200CT	10	4.4:1	S	4.58
TR-51	300CT	3.2	9.4:1	S	4.58
TR-47	300CT	10	5.4:1	S	4.30
TR-53	300CT	3.2	12.5:1	S	4.58
TR-59	500CT	10	7.0:1	S	3.99
TR-41	500CT	50	3.1:1	D-S	3.99
TR-37	500CT	500CT	1.00:1	D-J	4.58
TR-45	1,000	50	4.4:1	D-S	4.58
TR-39	4,000	2,000CT	1.2:1	D-J	4.12
TR-38	8,000	5,000CT	1.00:1	D-J	4.58
TR-52	7,000	10	11.8:1	S	4.58
TR-40	10,000	2,000CT	2.2:1	D-J	4.58
TR-48	20,000	2,000CT	2.2:1	A-J	4.58
TR-44	20,000	1,000CT	1.00:1	A-J	4.58
TR-42	20,000	2,000CT	4.0:1	A-J	4.06
TR-55	100,000	500	3.1:1	A-J	4.58
TR-54	200,000	1,000	4.4:1	A-J	4.58
TR-56	500CT	10	14.1:1	A	4.58

### Transistor Power Supply Transformers

Recent developments in the power transistor field have made possible the design of circuits which are efficient and rugged converters of low voltage DC to high voltage AC or DC power. These transistorized power supplies are ideally suited for powering 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.

These transistor power supply transformers give a wide range of voltage and power to choose from. Complete instructions supplied with each transformer. \*At 60 cycles.

Part No.	DC Supply Voltage	Output Voltage	Power Output	Mng. Type	H.	W. x D.	Dimensions			
							1-9	10-24	25-49	50 & over
TR-69	6	117VAC	50	GGV	3-1/8	2-5/8x2-5/8	11.70	10.59	9.54	8.99
TR-70	12	117VAC	50	GGV	3-1/8	2-5/8x2-5/8	11.70	10.59	9.54	8.99
TR-71	12	117VAC	150	GGV	3-7/8	3-3/8x3-1/2	15.80	14.30	12.97	12.10
TR-72	12	117VAC	250	GGV	4-5/8	3-13/16x4-9/16	18.80	16.65	15.00	13.83
TR-73	24	117VAC	400	GGV	5-7/8	4-3/8x4-9/16	26.17	23.18	20.24	18.84
TR-74	12	200VDC	20	TAV	2-1/4	1-7/8x2-7/16	6.82	7.04	7.15	6.75
TR-75	12	225VDC	15	TAV	2-1/4	1-7/8x2-7/16	6.82	7.04	6.92	6.54
TR-76	12	225VDC	20	TAV	2-1/4	1-7/8x2-7/16	6.82	7.04	7.15	6.75
TR-77	12	250VDC	15	DAH	1-3/4	1-3/4x2-1/8	6.52	7.04	7.15	6.75
TR-78	12	250VDC	15	DAH	1-3/4	1-3/4x2-1/8	6.52	7.04	7.15	6.75
TR-80	12	250VDC	50	DAH	2-7/8	2-1/2x2-1/8	12.25	11.12	9.90	9.49
TR-81	12	250VDC	100	DAH	3-5/16	2-1/2x2-1/8	15.80	14.30	12.97	12.15
TR-82	12	275VDC	40	DAH	2-1/4	1-7/8x2-7/16	11.70	10.59	9.54	8.99
TR-83	12	300VDC	50	DAH	2-7/8	2-1/2x2-1/8	12.25	11.12	9.90	9.49
TR-84	12	300 & 150VDC	120	DAH	2-7/8	2-1/2x2-1/8	12.25	11.12	9.90	9.49
TR-85	12	350VDC	30	TAV	2-1/4	1-7/8x2-7/16	11.70	10.59	9.54	8.99
TR-86	12	375VDC	70	DAH	2-1/4	1-7/8x2-7/16	12.90	11.65	10.49	9.91
TR-87	12	375VDC	50	DAH	2-1/4	1-7/8x2-7/16	12.90	11.65	10.49	9.91
TR-88	12	400VDC	50	DAH	2-1/4	1-7/8x2-7/16	12.90	11.65	10.49	9.91
TR-90	12	450 & 225VDC	40	TAV	2-7/8	2-1/2x2-1/8	10.73	9.66	8.70	8.22
TR-91	12	450VDC	120	TAV	3-5/16	2-1/2x2-1/8	16.27	14.56	13.19	12.46
TR-92	12	500 & 250VDC	100	TAV	3-5/16	2-1/2x2-1/8	16.27	14.56	13.19	12.46
TR-93	12	500 & 250VDC	100	TAV	3-5/16	2-1/2x2-1/8	16.27	14.56	13.19	12.46
TR-94	12	500VDC	150	TAV	3-5/16	2-1/2x2-1/8	16.27	14.56	13.19	12.46
TR-95	12	600VDC	120	DAH	2-1/4	1-7/8x2-7/16	16.17	14.56	13.11	12.23
TR-96	12	800VDC	130	TAV	3-5/16	2-1/2x2-1/8	16.17	14.56	13.11	12.23
TR-97	12	1000VDC	100	TAV	3-5/16	2-1/2x2-1/8	16.17	14.56	13.11	12.23
TR-98	12	1300VDC	20	TAV	2-7/8	2-1/2x2-1/8	9.70	8.73	7.84	7.40
TR-99	12	200-225 20K	20	TAV	2-7/8	2-1/2x2-1/8	9.70	8.73	7.84	7.40
TR-100	25	230 275VDC 20K	200	TAV	2-1/4	1-7/8x2-7/16	12.25	11.12	9.90	9.49

### POWER TRANSISTOR OUTPUTS

All Type BAV except \*BAH Average Shpg. wt., 1 lb. Avg. shpg. wt., 4 oz.

Part No.	Impedance		Primary MADC	Mtg. Centers	Power			
	Primary	Secondary			1-9	10-24	25-49	50 & Over
TR-57*	32 CT	1.6/4	575	2-13/16	4.56	4.11	3.70	3.50
TR-58*	32 CT	3.2/8 1/16	575	2-13/16	4.56	4.11	3.70	3.50
TR-59	48 CT	1.6/4	550	2%	4.56	4.11	3.70	3.50
TR-60	48 CT	3.2/8 1/16	550	2%	4.56	4.11	3.70	3.50
TR-61	48 CT	3.2/8 1/16	550	1%	2.26	2.04	1.84	1.74
TR-62	100	3.2/8 1/16	150	1%	2.26	2.04	1.84	1.74
TR-63	100 CT	3.2/8 1/16	500	2%	4.12	3.71	3.34	3.26

### HI-FI TRANSISTOR TRANSFORMERS

Completely Encased. Response  $\pm$  Ydb 20-20,000 cps. Type KAV Mng. Centers 1-3/16". Avg. shpg. wt., 4 oz.

Part No.	Impedance		Primary MADC	Power In Watts	Power			
	Primary	Secondary			1-9	10-24	25-49	50 & Over
TR-67	125CT	8	50*	1.5	5.88	5.30	4.77	4.55
TR-68	5000	3000CT	20*	.20	6.47	5.83	5.25	5.06

LAFAYETTE FEATURES THE LARGEST SELECTION OF TRANSFORMERS

### 20 MILLIWATTS

Mng. Type MAH. All Size: 1/4 x 1/4 x 5/16". Avg. shpg. wt., 6 oz. \*Balanced Windings

Part No.	Impedance		Turns Ratio	Applic-ation	Power			
	Wdg. #1	Wdg. #2			1-9	10-24	25-49	50 & Over
TR-120	200CT	16	3.5:1	D-S	6.47	5.83	5.25	5.06
TR-121	300CT	600	1:1	D-S	6.47	5.83	5.25	5.06
TR-126	400CT	16	5:1	S	6.27	5.83	5.25	4.79
TR-126	50	50	2.83:1	S	8.88	8.30	4.77	4.55
TR-121	500CT	600	3:1	D-S	6.47	5.83	5.25	5.06
TR-141	600	3.2	13.7:1	S	8.88	8.30	4.77	4.55
TR-137	800CT	16	7.07:1	D-S	6.47	5.83	5.25	5.06
TR-123	800CT	600	1.25:1	D-S	6.47	5.83	5.25	5.06
TR-133	1,000	30	4.4:1	S	8.88	8.30	4.77	4.55
TR-142	1,000CT	10	10:1	D-S	6.47	5.83	5.25	5.06
TR-144	1,200	3.2	1.58:1	S	8.88	8.30	4.77	4.55
TR-139	1,300CT	16	19.3:1	S	6.47	5.83	5.25	5.06
TR-124	1,500CT	600	6.14:1	D-S	6.47	5.83	5.25	5.06
TR-140	2,000CT	16	1.58:1	S	6.47	5.83	5.25	5.06
TR-146	10,000	3.2	11.2:1	S	6.47	5.83	5.25	5.06
TR-145	10,000CT	10	56:1	S	7.29	6.46	5.84	5.62
TR-133	10,000CT	10	25:1	D	6.47	5.83	5.25	5.06
TR-127	10,000	1,200CT	4.47:1	D	7.18	6.46	5.82	5.50
TR-130	10,000CT	1,200CT	2.83:1	D	7.18	6.46	5.82	5.50
TR-132	20,000	1,000	2.2:1	J	6.47	5.83	5.25	5.06
TR-135	20,000	1,000	4.47:1	J	7.81	6.76	6.00	5.75
TR-134	20,000	1,200	5:1	J	6.47	5.83	5.25	5.06
TR-142	200,000	1,000	5:1	A	8.28	7.44	6.70	6.37
TR-147	200,000	1,000CT	14:1	A	8.28	7.44	6.70	6.37
TR-148	1 HY at 2 MADC	130 Ohms DC			5.29	4.77	4.30	4.08
TR-148	3 HY at 2 MADC	330 Ohms DC			5.29	4.77	4.30	4.08
TR-148	8 HY at 2 MADC	1180 Ohms DC			6.18	5.57	5.02	4.64
TR-150	12 HY at 0 MADC	1880 Ohms DC			5.29	4.77	4.30	4.06
TR-151	20 HY at 0 MADC	2850 Ohms DC			6.47	5.83	5.25	5.06

### DRIVER

All Type BAH. Shpg. wt., 1 lb.

Part No.	Impedance		Primary MADC	Mtg. Center	Power			
	Primary	Secondary			1-9	10-24	25-49	50 & Over
TR-64	100	100CT	200					

# UTC TRANSFORMERS

## "DIT" SUBMINIATURE TRANSISTOR TRANSFORMERS



These transformers weigh only .06 oz. and are 5/16" dia. x 1/4" long. They have low distortion, high efficiency and excellent response. The moisture proof case is hermetically sealed to MIL-T-27A specs. The solder melting plastic insulated leads are rugged and anchored to withstand a 10 lb. pull-test. Especially suitable for sub-miniaturization. Shpg. wt., 4 ozs.

UTC No.	Application	Primary Ohms	Secondary Ohms	1-24 Ea.	25-99 Ea.
D1-T2	Output	500-600	50-60	5.29	4.50
D1-V3	Output	1K-1.2K	50-60	5.29	4.50
D1-T8	Reactor	2.5 hrs at 2 ma DC	4.70	4.00	4.00
D1-T9	Output	10K-12.5K	300-600	6.47	5.50
D1-V10	Driver	10K-12.5K	1.2K-1.5K	6.47	5.50
D1-V11	Driver	10K-12.5K	2K-2.5K	6.47	5.50
D1-T12	Output	300	600	3.88	3.00
D1-T20	Output	500	600	3.88	3.00
D1-T22	Output	1500	600	3.88	3.00
D1-T23	Interstage	20K-30K	300-1.5K	6.78	5.75
D1-T25	Interstage	10K-12.5K	1.5K-1.8K	7.04	6.00
D1-T26	Reactor	4 hrs at 2 ma DC	5.58	4.75	4.75
D1-T27	Reactor	9 hrs at 2 ma DC	4.70	4.00	4.00
D1-T28	Reactor	1 hrs at 4 ma DC	4.70	4.00	4.00
D1-T38	Isol.	10K	7.35	6.24	6.24
D1-TSH	Drawn hipermalloy shield & cover for D1-Ts. Provide 25 to 30 DB shielding. .88 .75				

## "DOT" DECI-OUNCER TRANSISTOR TRANSFORMERS



These miniature transformers weighing only 1/10 oz. and 5/16" diam. x 13/32" long have a high degree of efficiency and excellent response. They are encased in a moisture proof hermetically sealed case which has firmly anchored, solder melting plastic insulated leads, ideally suited for printed circuits. Available with leads at both ends on production order. If clip mounted use AUGAT #6009-8A Clip. Shpg. wt., 4 ozs.

UTC No.	Application	Primary Ohms	Secondary Ohms	1-24 Ea.	25-99 Ea.
DO-T1	Interstage	20K-30K	800-1200	5.88	5.00
DO-T2	Output	500-600	50-80	5.29	4.50
DO-T3	Output	1K-1.2K	300-600	5.29	4.50
DO-T4	Output	600	3.2	5.29	4.50
DO-T5	Output	1.2K	3.2	5.29	4.50
DO-T6	Output	10K	3.2	5.88	5.00
DO-T7	Input	20K	1K	6.47	5.50
DO-T8	Reactor	3.5 hrs at 2 ma DC	4.70	4.00	4.00
DO-T9	Out. Driv.	10K-12.5K	300-600	6.47	5.50
DO-T10	Driver	10K-12.5K	1.2K-1.5K	6.47	5.50
DO-T11	Driver	10K-12.5K	2K-2.5K	6.47	5.50
DO-T12	S/PP Out	150-200	12-16	5.88	5.00
DO-T13	S/PP Out	300-400	12-16	5.88	5.00
DO-T14	S/PP Out	600-800	12-16	5.88	5.00
DO-T15	S/PP Out	800-1070	12-16	5.88	5.00
DO-T16	S/PP Out	1K-1.3K	12-16	5.88	5.00
DO-T17	S/PP Out	1.5K-2K	12-16	5.88	5.00
DO-T18	S/PP Out	7/16-10K	12-16	5.88	5.00
DO-T19	Output	300	600	3.88	3.00
DO-T20	Output	500	600	3.88	3.00
DO-T21	Output	800	600	3.88	3.00
DO-T22	Output	1.5K	600	3.88	3.00
DO-T23	Interstage	20-30K	800-1.2K	6.78	5.75
DO-T24	Input	20K	1K	6.47	5.50
DO-T25	Interstage	10K-12K	1.5K-1.8K	7.04	6.00
DO-T26	Reactor	6 hrs at 2 ma DC	5.58	4.75	4.75
DO-T27	Reactor	1.25 hrs at 2 ma DC	4.70	4.00	4.00
DO-T28	Reactor	3 hrs at 4 ma DC	4.70	4.00	4.00
DO-T29	S/PP Out	150-200	3-2.4	5.88	5.00
DO-T30	S/PP Out	320-400	3-2.4	5.88	5.00
DO-T31	S/PP Out	640-800	3-2.4	5.88	5.00
DO-T32	S/PP Out	800-1K	3-2.4	5.88	5.00
DO-T33	S/PP Out	1.06K-1.33K	3-2.4	5.88	5.00
DO-T34	S/PP Out	1.8K-2K	3-2.4	5.88	5.00
DO-T35	S/PP Out	8K-10K	3-2.4	5.88	5.00
DO-T36	Isol.	10K	7.35	6.24	6.24
DO-TSH	Drawn hipermalloy shield and cover for DO-T's. Provide 25 to 30 db shielding. .88 .75				

## OUNCER AUDIO UNITS

These units weigh 1 oz. and have a response of ± 1 db 30-20,000 cps, except 0-14, 0-15 and units carrying D.C. which are for voice frequencies. Max. level +8 dbm. Fully impregnated and sealed in aluminum housing 7/8" Dia. x 1-3/16" H. Mount by 2-56 screws on 11/16" centers opposite terminals. Shpg. wt., 4 oz.

UTC No.	Primary Impedance	Secondary Impedance	1-24 Ea.	25-99 Ea.
0-1	50, 200/250, 500/600	50K	7.64	6.80
0-2	50, 200/250, 500/600	50K	7.64	6.80
0-3	7.5/30	50K	7.35	6.25
0-4	15K DC in Pri.	60K	6.47	5.50
0-5	15K	98K	6.47	5.50
0-6	15K DC in Pri.	98K	7.35	6.25
0-7	15K DC in Pri.	98K	7.35	6.25
0-8	15K	98K	7.35	6.25
0-9	15K DC in Pri.	200/250	7.64	6.50
0-10	30K plate to plate	500-600	8.23	7.00
0-11	50K	180	7.64	6.50
0-12	50, 200/250		7.64	6.50
0-13	Reactor: 300 hrs at 0 DC, 300 hrs at 3 ma DC	6000 ohms	6.17	5.25
0-14	200	1/2 megohm	7.35	6.25
0-15	15K	1 megohm	7.35	6.25
0-16	500CT		10.60	9.00
0-18	10K/2.5K	2K/50K	8.23	7.00
0-19	10K/2.5K	4K/1K	8.23	7.00
0-20	1.5/20	500/125	7.64	6.50
0-21	2K CT; 4K CT	8/16	7.64	6.50
0-22	500CT; 400 CT	4: 3:2	7.64	6.50
0-23	Reactor, 7 hrs at 3 ma DC		5.58	4.75
0-24	Reactor, 1.6 hrs at 3 ma DC		5.58	4.75
0-17	Mu-metal shield, fits any ouncer, 25 db shielding		1.47	1.25

## SUB AND SUB SUB-OUNCER TRANSFORMERS



Ideal for ultra-miniaturized equipment. Freq. response ± 3 db 200 to 5,000 cps. Sub-ouncers size 9/16" x 1/4" x 1/4" wt. 1/2 oz. Sub-sub-ouncers size 7/16" x 1/4" x 1/4" wt. 1/5 oz. † Fixed imp. ratio; ‡ 1250:1 for SO-1 and SSO-1; † 1:50 for SO-3 and SSO-3. † SO-5, 2575 ohm DC resistance; SSO-5, 4400 ohm. Shpg. wt., 4 ozs.

## SUB-OUNCER TRANSFORMERS

UTC No.	Application	Pri. Imp.	Pr. DC	Sec. Imp.	1-24 Ea.	25 Up Ea.
SO-3†	Input	200, 50	0	250K/62.5K	2.84	2.50
SO-2	Audio I/O	10,000	0-2.5ma	80K	2.84	2.50
SO-3†	Plate to line	10K, 25K	3, 1.5ma	200, 500	2.84	2.50
SO-4	Output	30,000	1ma	50	2.84	2.50
SO-5	Output	500µA at 1ma DC†		60	2.84	2.50
SO-6	Output	100,000	.5ma	60	3.82	3.25
SO-7	Interstage	20K, 30K	.5ma	800	2.84	2.50
SO-8	Transformer to P.P. sec.	10K	1ma	2000CT	3.83	3.00
SO-9	PP Transformer to VC	500CT	0	3:2	3.53	3.00
SO-10	Transformer to VC	4K, CT	2	16	3.53	3.00

## SUB SUB-OUNCER TRANSFORMERS

UTC No.	Application	Pri. Imp.	Pr. DC	Sec. Imp.	1-24 Ea.	25 or More Ea.
SSO-1†	Input	200, 50	0	250K/62.5K	4.41	3.75
SSO-2	Interstage I/O	10,000	0-.25ma	80K	4.70	4.00
SSO-3†	Plate to line	10K, 25K	3, 1.5ma	200, 500	3.82	3.25
SSO-4	Output	30,000	1ma	50	3.82	3.25
SSO-5	Reactor	50 µA at 1ma DC†		60	3.82	3.25
SSO-6	Output	100,000	.5ma	60	3.82	3.25
SSO-7	Transformer	20K, 30K	.5ma	800	2.84	2.50
SSO-8	Transformer to P.P. sec.	10K	1	2000CT	3.82	3.25
SSO-9	Transformer	10K	2	16	2.84	2.50
SSO-10	Transformer	10K	2	3:2	2.84	2.50
SSO-11	Transformer	500	3.5	50	2.84	2.50
SSO-12	Output	600	3.5	60	2.84	2.50
SSO-13	Transformer	1000	3	30	2.84	2.50
SSO-14	Output	1200	3	60	2.84	2.50
SSO-15	Xtal. to	200K	0	1000	4.41	3.75
SSO-16	Transformer	10K, CT	2	200CT	4.70	4.00
SSO-17	Transformer	20K, CT	1	800CT	4.70	4.00
SSO-18	Interstage	30K, CT	1	1200CT	4.70	4.00

SSO-19	Output	1.2K 1.5K	3	3:2	3.82	3.25
SSO-20	Out. Driv.	10K, 12.5K	2	500; 600	3.82	3.25
SSO-21	S/PP Out	7.5K, 9.4K	4	3:2	3.82	3.25
SSO-22	Out Match	500 CT	10	600CT	4.12	3.50
SSO-23	Output	1.5K CT	7	600 CT	4.12	3.50
SSO-24	Xtal Chopper	200K CT	0	1K CT	9.50	8.00
SSO-25	Interstage	10K, 12K	4	1.5K-1.8K	4.62	4.00
SSO-26	Reactor 8 hrs at 2 ma DC	1500 ohms			2.84	2.50
SSO-27	Reactor 3.5 hrs at 2 ma DC	1600 ohms			2.84	2.50

## INTERSTAGE AND LINE FILTERS

First letter in UTC No. indicates function B—bandpass; H—high pass; L—low pass. Last letter I—interstage (10,000 ohms); L—line (500/600 ohms) shielded; reduce hum pickup to 150 mv per gauss of 60 cps. Hermetically sealed. Size 1-3/16" x 1-1/16" x 1/8", except "I-3/16" x 1-1/16" x 2 1/2". Av. shpg. wt., 9 oz.

UTC No.	CPS	1-24 Ea.	25-Up Ea.
BMI-60	60	26.46	22.49
BMI-100	100	26.46	22.49
BMI-120	120	26.46	22.49
BMI-400	400	26.46	22.49
BMI-500	500	26.46	22.49
BMI-750	750	26.46	22.49
BMI-1,000	1,000	26.46	22.49
BMI-1,500	1,500	26.46	22.49
BMI-3,000	3,000	26.46	22.49
BMI-10,000	10,000	26.46	22.49
BMI-400	400	26.46	22.49
BMI-1,000	1,000	26.46	22.49
HMI-200	200	29.40	25.00
HMI-500	500	29.40	25.00
HMI-1,000	1,000	29.40	25.00
HMI-3,000	3,000	29.40	25.00
HMI-1,000	1,000	32.34	26.51
HMI-500	500	32.34	26.51
HMI-1,000	1,000	32.34	26.51
LMI-200	200	29.40	25.00
LMI-500	500	29.40	25.00
LMI-1,000	1,000	29.40	25.00
LMI-2,000	2,000	29.40	25.00
LMI-3,000	3,000	29.40	25.00
LMI-5,000	5,000	29.40	25.00
LMI-10,000	10,000	29.40	25.00
LMI-1,000	1,000	29.40	25.00
LMI-2,000	2,000	29.40	25.00
LMI-2,500	2,500	29.40	25.00
LMI-4,000	4,000	29.40	25.00
LMI-8,000	8,000	29.40	25.00
LMI-10,000	10,000	29.40	25.00
LMI-12,000	12,000	29.40	25.00

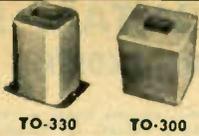
## HVC HERMETIC VARIDUCTORS

Hermetically sealed to MIL-T-27A. Very wide inductance range with high Q. Usable over a wide freq. range. High stability. Compact. Size 1 1/4 x 25/32 x 1 7/32", wt., 2 ounces.

Type No.	Min. Hys.	Mean Hys.	Max. Hys.	DC Ma.	1-24 Ea.	25-99 Ea.
HVC-1	.002	.006	.02	100	8.82	7.40
HVC-2	.003	.015	.05	60	8.82	7.40
HVC-3	.011	.140	.1	40	8.82	7.40
HVC-4	.005	-	3	30	8.82	7.40
HVC-5	.07	.25	7	20	8.82	7.40
HVC-6	.5	1.5	4	15	8.82	7.40
HVC-7	1.1	4.0	11	7	9.41	8.00
HVC-8	3.0					

# SPECIAL TRANSFORMERS FOR INDUSTRY & HI-FI

## ACROSOUND HIGH-FIDELITY OUTPUT TRANSFORMERS



For use with Williamson type amplifier circuits. Provides a much higher audio output level at very low distortion. Can be used in converting many popular amplifier circuits to Ultra Linear operation.

**Model TO-300.** 20 watts of undistorted power from 20 to 30,000 cps; 40 watts 30 to 20,000 cps. Primary 6600 ohms. Output 4, 8 and 16 ohms. Frequency response:  $\pm 1$  db from 10 to 100,000 cps. Permissible feedback: 30 db. Maximum DC per primary: 75 ma. 10" color-coded leads. Size:  $4\frac{1}{4} \times 3\frac{3}{8} \times 3\frac{1}{4}$ ". Shpg. wt., 7 lbs. **TO-300** Net **24.25**

**Model TO-310.** Similar to TO-300, but for 12 watt circuits. Primary 8000 ohms. Output 4, 8 and 16 ohms. 10 watts of undistorted power output from 20 to 30,000 cps; 20 watts 20 to 20,000 cps. Frequency response:  $\pm 1$  db. from 10 to 100,000 cps. Permissible feedback: 30 db. Maximum DC per primary: 75 ma. 10" color-coded leads. Size:  $4\frac{1}{4} \times 3\frac{3}{8} \times 3\frac{1}{4}$ ". Shpg. wt., 6 lbs. **TO-310** Net **18.37**

**Model TO-305.** Similar to TO-300, but has 4, 8, 16, 125 and 500 ohm output impedances. Primary 6600 ohms. Matches push-pull type 6L6 or 5881 tubes for Ultra Linear operation. 20 watts of undistorted power from 20 to 30,000 cps; 40 watts from 30 to 20,000 cps. 10" color-coded leads. Size:  $4\frac{1}{4} \times 3\frac{3}{8} \times 3\frac{1}{4}$ ". Shpg. wt., 8 lbs. **TO-305** Net **30.13**

**Model TO-315.** Similar to TO-310, but has 4, 8, 16, 125 and 500 ohm output impedances. Primary 8000 ohms. Matches push-pull type 6V6 tubes. 10 watts of undistorted power from 20 to 30,000 cps; 20 watts from 30 to 20,000 cps. Size:  $4\frac{1}{4} \times 3\frac{3}{8} \times 3\frac{1}{4}$ ". Shpg. wt., 7 lbs. **TO-315** Net **24.25**

**Model TO-330.** Designed for high-power, push-pull parallel operation. Will provide 50 watts of undistorted power from 20 to 30,000 cps with 807 or KT-66 tubes; 100 watts from 30 to 20,000 ohms. Primary 3300 ohms. Output 4, 8, 16 ohms. Frequency response:  $\pm 1$  db 10 cps to 100 kc. Permissible feedback: 30 db. Insertion loss all taps: .5 db maximum. DC per primary maximum: 150 ma. Permissible DC unbalance: 15%. Mtg. centers are  $3 \times 3\frac{3}{8}$ ". Size:  $5\frac{1}{4} \times 4 \times 4\frac{1}{4}$ ". 10" color-coded leads. Shpg. wt., 15 lbs. **TO-330** Net **38.95**

(FIG. 5)

## SOLA TV VOLTAGE REGULATORS



Supply accurate AC line voltages ( $\pm 3\%$ ) to TV sets, to improve reception. No wiring necessary; turns on and off with set. For 95-130 V. 60 cycle. 5.00 down.

TYPE NO.	WTS.	WT.	SIZE	1-4	5
72103	111	21	1-11	27.60	25.88
72106	111	25	1-11	30.00	28.13
72106	111	27	1-11	28.40	26.63



(FIG. 4)

## SOLA HARMONIC-FREE TRANSFORMERS

For equipment which requires a stable, undistorted voltage source. Well suited for rectifier input where closely regulated DC output is required, or where equipment is affected by source harmonics. Harmonic content less than 3%; sine-wave output regulated within 1%. For 60 cycle, 95-130 V. input.

TYPE NO.	V-A CAP.	SEC. V.	LBS. WT.	1-4	5-9	10-24
23-13-060	111	113	35	30.00	27.00	25.50
23-13-112	120	113	48	38.00	34.20	32.30
23-13-125	250	118	32	52.00	46.80	44.20
23-13-150	500	118	37	81.00	72.90	68.85
23-13-210	1000	118	40	135.00	121.50	114.75

**SOLA FIXED AND ADJUSTABLE CONSTANT-VOLTAGE POWER D.C. SUPPLIES ARE ALSO AVAILABLE FROM LAFAYETTE — WRITE FOR SPECS AND PRICES.**



## ALTEC — LANSING PEERLESS OUTPUT TRANSFORMERS

These Push-Pull Audio output transformers are designed for true fidelity with a frequency response of 20 to 30,000 cps.  $\pm 1$  db. They are made of the finest materials and come in a number of power ratings for various desired outputs.

Stock No.	Impedance In Ohms		Watts	Dimensions			Wt. Lbs.	Net
	Pri.	Sec.		H	D	W		
5-510 (F)	10000 CT	16-8	10	2 1/2	2 1/2	2 1/2	2	13.52
	8000 CT							
5-526 (F)	4600 CT	16-8-4	20	4 1/2	3 1/8	2 1/2	3 1/2	15.88
	5000 CT							
5-542 (F)	5000 CT	16-8-4	40	5 1/2	3 3/8	3 1/8	6	18.82
	4000 CT							

These High Level (20-20 plus) output transformers have excellent frequency responses with negligible insertion losses. They are made of the finest materials available and come in various power ratings.

Stock No.	Descriptive Data	Impedance In Ohms		Max. Level	Dimensions			Wt. Lbs.	Net
		Pri.	Sec.		H	D	W		
5-217-D	5 to 65000 $\pm 1$ db. INSERTION LOSS 0.5db C. T. Tertiary 24.5 ohms	12500	600 300	+20DBM	3 1/2	1 1/2	2	1 1/2	37.63
5-232-Q	10 to 100000 $\pm 1$ db. INSERTION LOSS 0.6db	6600CT	16, 8	+43DBM	4 1/2	3 1/8	3 1/8	3 1/2	25.87
5-238-Q	10 to 75000 $\pm 1$ db. INSERTION LOSS 0.6db	10000CT	16, 8	+43DBM	4 1/2	3 1/8	3 1/8	3 1/2	25.87
5-258-Q	10 to 100000 $\pm 1$ db. INSERTION LOSS 0.4db	2500CT	16, 8	+46DBM	4 1/2	3 1/8	3 1/8	6 1/2	35.28
5-271-5	10 to 100000 $\pm 1$ db. INSERTION LOSS 0.3db	5000CT	16, 8	+49DBM	6 1/2	5 1/8	5 1/8	18	52.92
5-273-5	10 to 80000 $\pm 1$ db. INSERTION LOSS 0.3db	8000CT	16, 8	+49DBM	6 1/2	5 1/8	5 1/8	18	52.92
		2000CT	4, 1	80 WATTS					

## SOLA CONSTANT-VOLTAGE TRANSFORMERS

Type CV Transformers. Automatic voltage regulators. Provides constant output within  $\pm 1\%$  with line voltage changes up to  $\pm 15\%$ . Has current limiting characteristic. \* Contains Pyralon oil-filled capacitor and mtg bracket. † uses low stray-field design. For 60 cycle AC. input. 25 and 50 cps units available on special order. Abbrs: Input voltage: 95-130 (A); 190-260 (B); 190-250 (C).

TYPE NO.	FIG.	IN-PUT	OUT-PUT	VA	LBS.	NET EACH	TYPE NO.	FIG.	IN-PUT	OUT-PUT	VA	LBS.	NET EACH
20-01-015	1	A	6.0V	15	6	15.00	*20-04-065	2	A/B	6.3V	60	7	20.00
20-02-015	1	A	6.3V	15	6	15.00	*20-04-095	2	A/B	6.3V	90	11	24.00
20-10-015	1	A	11.5V	15	6	15.00	*20-04-113	2	A/B	6.3V	120	20	31.00
20-13-060	3	A	11.8V	60	9 1/2	25.00	*20-04-116	2	A/B	6.3V	150	23	35.00
20-13-112	3	A	11.8V	120	13	33.00	*20-13-125	-	A	11.8V	250	30	52.00
20-25-220	3	A/B	11.8V	2000	168	232.00	*20-13-150	-	A	11.8V	500	40	81.00
*20-04-030	2	A/B	6.3V	30	6	16.00	*20-13-210	-	A	11.8V	1000	115	135.00

(FIG. 2) SOLA POWER TRANSFORMERS

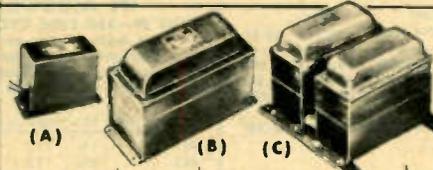
Stabilize plate and filament voltages within  $\pm 3\%$ , on line variations from 100-130 volts. With oil-filled input condenser and mounting bracket. For 100-130 V. 60 cycle AC only.



TYPE NO.	DC INP. TO FILTER	FILAMENTS	WT.	NET	
				1-9	10-49
7104	275 v @ 50 ma.	6.3 v C.T. @ 2.5a 5 v @ 2a	6 lbs.	4-13/16 x 3-5/16" x 3 3/8"	12.00 16.80
7106	385 v @ 110 ma.	6.3 v C.T. @ 3a 5 v @ 2a	9 lbs.	4-13/16 x 4-1/16" x 3 3/8"	15.00 13.50
7107	380 v @ 250 ma.	6.3 v @ 4a., 6.3 v @ 8a. (unreg.) 5 v @ 3a.	19 lbs.	7 x 5 x 4 1/2"	27.00 24.30

## RAYTHEON 'VR' VOLTAGE REGULATORS

Automatic, magnetic AC line stabilizer, for applications requiring constant output of 115 volts  $\pm 1/2\%$ . Quick response corrects for input fluctuations of up to 15%. Can be paralleled for power-handling capacities greater than individual load ratings. 60 cycle AC. \*Isolated Secondary. †Portable, with cord, plug 2nd output receptacle.



TYPE NO.	WATTS	SIZE (")	FIG.	INP. V.	OUTPUT V.	WT. LBS.	1-4 EA.	10-24 EA.	5-9 EA.
VR6100	15	6 1/2 x 2-5/16 x 3	A	95-130	115	4	16.00	14.40	13.60
VR6100*	15	5 1/2 x 2 1/2 x 4-1/16	A	95-130	6.3	4	16.00	14.40	13.60
VR6100*	15	3-1/16 x 2 1/2 x 4-11/16	-	95-130	6.3	6	24.00	21.60	20.40
VR6710	25	7 1/2 x 3 1/2 x 3 1/2	-	95-130	6.0	4	17.00	15.30	14.45
VR6101	30	7 1/2 x 3 1/2 x 4 1/2	B	95-130	6.7.5	5	18.00	16.20	15.30
VR6111	30	7 1/2 x 3 1/2 x 4 1/2	B	95-130	115	5	18.00	16.20	15.30
VR6111CP	30	7 1/2 x 3 1/2 x 4 1/2	B†	95-130	115	5	18.00	16.20	15.30
VR6221	30	7 1/2 x 3 1/2 x 4 1/2	B	190-260	230	5	20.00	18.00	17.00
VR6112	60	7 1/2 x 3 1/2 x 4-3/16	B	95-130	115	8	25.00	22.50	21.25
VR6112CP	60	7 1/2 x 3 1/2 x 4-3/16	B†	95-130	115	8	25.00	22.50	21.25
VR6222	60	7 1/2 x 3 1/2 x 4-3/16	B	190-260	230	8	28.00	25.20	23.80
VR6113	120	7 1/2 x 3 1/2 x 5-5/16	B	95-130	115	14	33.00	29.70	28.05
VR6113CP	120	7 1/2 x 3 1/2 x 5-5/16	B†	95-130	115	14	33.00	29.70	28.05
VR6114	250	12 1/2 x 5 x 7 1/2	B	95-130	115	25	52.00	46.80	44.20
VR6115	500	12 1/2 x 5 x 7 1/2	B	95-130	115	45	81.00	72.90	68.85
VR6116	8000	13-3/16 x 14 1/2 x 9 1/2	C	190-260	230	92	135.00	121.50	114.75
VR6223	1200	7 1/2 x 3 1/2 x 5-5/16	B	190-260	230	14	34.00	30.60	28.90
VR6224	250	12 1/2 x 5 x 7 1/2	B	190-260	230	25	54.00	48.60	45.90
VR6225	500	12 1/2 x 5 x 7 1/2	B	190-260	230	45	85.00	76.50	72.25
VR6226	1000	36-3/16 x 14-1/16 x 9 1/2	C	190-260	230	185	140.00	126.00	119.00
VR6227	2000	36 1/4 x 14 1/2 x 10 1/2	C	190-260	230	185	250.00	225.00	212.50

INDUSTRIALS — Write for prices on larger quantities.

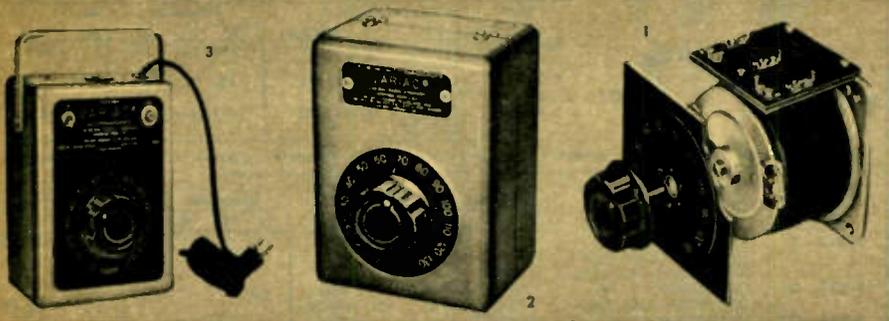
ALL PRICES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



# GENERAL RADIO VARIACS

## WITH EXCLUSIVE DURATRAK CONTACT SURFACE

### THE ORIGINAL ADJUSTABLE AUTOTRANSFORMER FOR SMOOTH CONTROL OF AC VOLTAGES



Now Lafayette brings you the industry leader—GENERAL RADIO VARIAC—for immediate delivery at factory prices. First in engineering design and manufacture, VARIAC 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. Five basic types listed below provide a logical series of ratings up to 50 amperes at 50-60 cycles. Other ratings, output voltages, ganged and metered units available on order. 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 115 v.

Type	Fig.	Lbs.	Line		Line Output		Overvoltage Output		Net		
			input (v.)	Rated a.	Max. a.	Kva. Outp. v.	Rated a.	1-9	10-19	20-99	
W2	1	3 3/4	115	2.4	3.1	0.36	0-135	2.4	13.50	12.83	12.15
W2M	2	4 1/4	115	2.0	2.6	0.30	0-135	2.0	19.00	18.05	17.10
2-wire W2MT3	3	4 1/4	115	2.0	2.4	0.27	0-135	2.0	24.00	22.80	21.60
3-wire W2MT3	3	4 1/4	115	2.0	2.4	0.27	0-135	2.0	26.00	24.70	23.40

All use VB-1 brushes, @ .75 ea.

**TYPE W10.** 8 models—up to 13 amps. output at 115 v. or 5.2 amps at 230 v.

Type	Fig.	Lbs.	Line		Line Output		Overvoltage Output		Net		
			input (v.)	Rated a.	Max. a.	Kva. Outp. v.	Rated a.	1-9	10-19	20-99	
W10	1	12 1/2	115	10	13	1.5	0-135	10	31.00	29.45	27.90
W10M	2	15	115	10	13	1.5	0-135	10	44.00	41.80	39.60
W10MT	3	16	115	10	13	1.5	0-135	10	48.00	45.60	43.20
2-wire W10MT3	3	16	115	10	13	1.5	0-135	10	51.00	48.45	45.90
3-wire W10H	1	12	230	4.0	5.2	1.2	0-270	4	33.00	31.35	29.70
W10HM	2	14 1/2	115	2.0	2.4	0.27	0-135	2	46.00	43.70	41.40
W10HMT	3	15 1/2	230	4.0	5.2	1.2	0-270	4	50.00	47.50	45.00
2-wire W10HMT3	3	15 1/2	230	4.0	5.2	1.2	0-270	4	53.00	50.35	47.70

Regular models use VB-10 brushes @ 1.25 ea.  
 'H' models use VBT-11 @ 1.25 ea.

**TYPE W50.** 4 models—up to 50 amps. output at 115 v. or 32.5 amps. at 230 v.

Type	Fig.	Lbs.	Line		Line Output		Overvoltage Output		Net		
			input (v.)	Rated a.	Max. a.	Kva. Outp. v.	Rated a.	1-9	10-19	20-99	
W50	1	50	115	50	50	5.75	0-135	50	120.00	114.00	108.00
W50M	2	57	115	40	45	5.18	0-135	40	145.00	137.75	130.50
W50H	1	53	230	25	32.5	7.5	0-270	25	120.00	114.00	108.00
W50HM	2	60	115	20	31	7.1	0-270	20	145.00	137.75	130.50

Regular models use VBT-6 brushes @ 5.50/set.  
 'H' models use VBT-7 @ 5.50/set.

**TYPE W5.** 7 models—up to 7.8 amps. output at 115 v. or 2.6 amps. at 230 v.

Type	Fig.	Lbs.	Line		Line Output		Overvoltage Output		Net		
			input (v.)	Rated a.	Max. a.	Kva. Outp. v.	Rated a.	1-9	10-19	20-99	
W5	1	6 1/4	115	6.0	7.8	0.90	0-135	6.0	17.00	16.15	15.30
W5M	2	7 1/2	115	5.0	6.5	0.75	0-135	5.0	22.50	21.38	20.25
W5MT3	3	8 1/4	115	5.0	6.0	0.70	0-135	5.0	27.50	26.13	24.75
2-wire W5MT3	3	8 1/4	115	5.0	6.0	0.70	0-135	5.0	30.00	28.50	27.00
3-wire W5H	1	6 1/4	230	2.0	2.6	0.60	0-270	2.0	20.50	19.48	18.45
W5HM	2	7 1/2	115	1.0	1.0	1.0	0-135	1.0	26.00	24.70	23.40
W5HMT	3	8 1/4	230	2.0	2.4	0.55	0-270	2.0	31.00	29.45	27.90

Regular models use VB-2 brushes @ .75 ea.  
 'H' models use VB-1 @ .75 ea.

**TYPE W20.** 6 models—up to 26 amps. output at 115 v. or 10.4 amps. at 230 v.

Type	Fig.	Lbs.	Line		Line Output		Overvoltage Output		Net		
			input (v.)	Rated a.	Max. a.	Kva. Outp. v.	Rated a.	1-9	10-19	20-99	
W20	1	21 1/2	115	20	26	3.0	0-135	20	45.00	42.75	40.50
W20M	2	24 1/2	115	20	26	3.0	0-135	20	58.00	55.10	52.20
W20MT3	3	28	115	20	26	3.0	0-135	20	67.00	62.65	58.30
2-wire W20H	1	20 1/2	230	8.0	10.4	2.4	0-270	8.0	47.00	44.65	42.30
W20HM	2	23 1/2	115	4.0	4.0	4.0	0-135	4.0	60.00	57.00	54.00
W20HMT3	3	27	230	8.0	10.4	2.4	0-270	8	85.00	80.75	76.50

Regular models use VBT-8 brushes @ 2.50/set.  
 'H' models use VBT-12 @ 2.50/set.

### 400 CYCLE VARIACS FOR POWER SUPPLIES IN AIRBORNE AND MARITIME EQUIPMENT

**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, flitide-treated aluminum parts, fungicidal treatment of all phenolic parts, special nickel-plated brush holder. Use same brushes as equivalent 'W' models.

Type	Fig.	Lbs.	Line		Line Output		Overvoltage Output		Net		
			input (v.)	Rated a.	Max. a.	Kva. Outp. v.	Rated a.	1-9	10-19	20-99	
M2	1	1 1/4	115	2.4	3.1	0.34	0-135	2.4	14.50	13.78	13.05
M5	1	3 1/4	115	6.0	7.8	0.86	0-135	6.0	18.50	17.58	16.63
M10	1	6 1/4	115	10	13	1.5	0-135	10	30.00	28.50	27.00
M20	1	13	115	20	26	3.0	0-135	20	48.00	45.60	43.20

### NEW! METERED VARIACS VOLTAGE, CURRENT, POWER CAN BE MEASURED WITHOUT EXTERNAL METERS

**TYPE W5MT3A VOLT-METER-AMMETER** (Fig. 4) Input: 115 v. 50-60 cycle; Output: 0-135 v. (0-150 voltmeter); Output Current: 0-1, 0-5 amps; Meter Accuracies:  $\pm 3\%$  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 Dimensions: 9-15/16 H x 6 1/2 W x 6 1/2 D, and handle; Net Weight: 1 1/4 lbs. Assembly consists of W-5 VARIAC, 2 meters, current transformer, switches and adequate meter shielding. Net \$5.00

**TYPE W5MT3W VOLT-METER-WATTMETER** (Fig. 4). Similar to above, except Output Power: 0-150, 0-750 watts; Fusing: 2 amp., low range, 5 amp. high range. Net \$10.00

#### BRIEF GENERAL 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 0 to 17% above line voltage. KVA Rating: maximum current x normal input line voltage.

FOR OTHER GENERAL RADIO PRODUCTS, SEE LISTING ON PAGE 170



# INDUSTRIAL TRANSFORMERS • ELECTRIC EYE UNITS

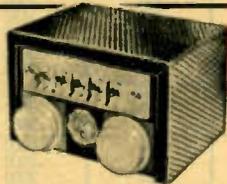


## NEW! LAFAYETTE AUTOMATIC PHOTO-ELECTRIC "LAMPLIGHTER"

- 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 4" x 2 1/2" x 1 1/4". Use on 117 volt AC only. Maximum 300 watts lamp load. Instructions included. Shpg. wt., 1 lb. MS-759 Net 6.95

## KUPFRIAN POWER SUPPLIES

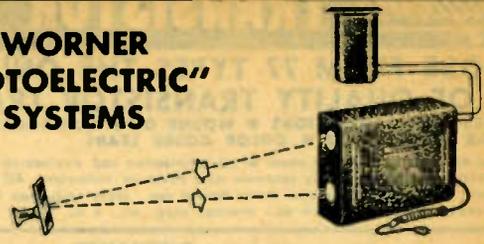


Transistorized power supplies, to convert low voltage D.C. to high voltage D.C. or A.C. Instant starting, rugged, quiet. No vacuum tubes or moving parts. Excellent voltage regulation and 0.4% max. ripple over a temperature range of -55° to +60°C. Size 3 1/2" x 4 1/2" x 2 1/2" high; Avg. shpg. wt., 2 lbs. Attach to equipment by 4 threaded holes. A.C. models also available with plug-in cord for auto cigarette lighters and 115 V. output convenience receptacle. Specify plug-in type, and add 1.50 to price.

KIT		WIRED		INPUT		OUTPUT	
Stock No.	Net Each	Stock No.	Net Each	Volts	Volts	Current	Power
HE-810	36.00	HE-811	45.00	6.3 VDC	300/150VDC	165/330MA	50W
HE-812	40.50	HE-813	49.50	12.6 VDC	300/150VDC	330/400MA	100W
HE-814	45.00	HE-815	54.00	12.6 VDC	500/250VDC	200/400MA	100W
HE-816	70.50	HE-817	79.50	24 VDC	500/250VDC	400MA	200W
HE-818	78.00	HE-819	87.00	28 VDC	500/250VDC	450MA	225W
HE-820	36.00	HE-821	45.00	12.6 VAC	117 VAC	60 Cycl.	100W
HE-822	30.75	HE-823	39.75	12.6 VAC	117 VAC	400 Cycl.	100W

Available on easy-payment plan; 10% down or minimum 5.00 INDUSTRIAL USERS: Write for quantity discounts.

## WORNER "FOTOELECTRIC" SYSTEMS



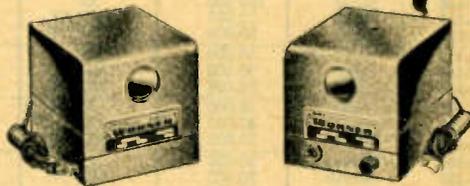
**MODEL 61 ANNOUNCER.** Consists of "Fotoelectric" unit, chime and mirror. Chime rings when light beam is intercepted. Unit has exciter lamp which projects beam across passage, and photocell which receives reflected beam from mirror; may be placed up to 10' from mirror. 8 1/4" x 6 1/2" x 2 3/4". Shpg. wt., 8 lbs. For 110-120V 50-60 cycle A.C.

PC-20 5.00 Down Net 35.28

**60-1130 REPLACEMENT BULB.** 6 v, 32 cp., 2000 hour. For Model 61. Shpg. wt., 5 oz. PC-21 Net .65

**CHIME.** For Model 61, or any other 6 v. A.C. power source. Excellent warning device. Shpg. wt., 2 lbs. Net 4.70

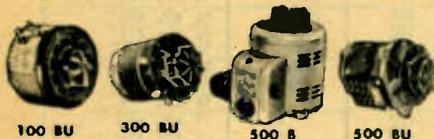
PC-22 5.48 Down Net 54.78



**MODEL 4000 "WATCHMAN".** Economical indoor alarm system. Consists of exciter lamp unit and matching electronic relay, in attractive homeroid cases. Exciter unit has 2 pre-focused 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 reflector, sensitivity control. Built-in 6V. A.C. power supply permits use of external electrical alarms. Ranges: white light 50', invisible light 35'. Size each unit 5" x 5" x 5 1/2". Total shpg. wt., 14 lbs. For 110-120 V. 50-60 cycle A.C.

PC-23 5.48 Down Net 54.78

## STANDARD ELECTRIC "ADJUST-A-VOLT" VARIABLE TRANSFORMERS



100 BU 300 BU 500 B 500 BU

**100 BU** For low power such as tube testers, power supplies, model railroads etc. Has special sliding brush and low-resistance alloy-plated brush track—allow high initial surge current and temporary overloads. Permits smooth control of output voltage from 0 to 132 volts. Mounts on panel up to 1/2" thick. Max. load 165 VA for 110-120 Volts for 110/120 V. 50-60 cps. AC. Size 2 1/2" dia. x 2 3/32". 2" dial calibrated 0-100%. Shpg. wt., 2 lbs. Net 8.33

**300 BU** For light-control, small ovens, speed regulation of brush connected AC. motors, etc. Several may be ganged for operation from a single shaft. Unit is easily set and has dial plate for C.W. or C.C.W. operation. Can be wired to deliver either 0-115 or 0-135 volts. Max. load 400VA. Max. current 3 amps. For operation from 110/120 V. 50/60 cps AC. Size 3 1/2" dia. x 3 1/2" depth behind panel. 4" dial. Shpg. wt., 6 lbs. Net 12.25

**500 B & 500 BU** These transformers were designed for lab. and industrial voltage control. Type 500 B is cased 6 1/2" x 4 1/2" dia. Supplied with line cord, plug, receptacle, pilot light, on-off switch and fuse. Type 500 BU is uncased for panel mounting supplies. With pilot light. Adjustable shaft length. Size 5" x 4 1/2" dia. for 115V. 60 cps AC input. Shpg. wt., of each 12 lbs. 0-135V at 7.5A @ 1.0 KVA Net ea. 22.54 500 BU OUTPUTS 0-115 or 0-135V @ 7.5A @ 1.0KVA Net ea. 17.64

**1500 B** Sturdy dependable unit for 2 KVA power applications. For large auditoriums or any other heavy duty application. The rotor and frame are of die cast aluminum. Several units may be ganged to the same shaft. Can be used in series or parallel. Voltage output range 0-135 V. @ 15A. Input 115V. 60 cps AC. 30-60 oz. drive torque. 8 1/2" x 5 1/2" dia. Shpg. wt., 25 lbs. Net 45.08

**Notes:** We carry complete Standard Electric line. Write for quotations giving full details about your requirements.

## TECHNITROL PULSE TRANSFORMERS

A series of Transformers providing a wide range of applications. All transformers listed are of MIL GRADE, encapsulated in material withstanding temperatures from below -55°C to +105°C, and meet all MIL-T-27A grades 2, 3, 5 Class R. The pigtail leads used are a special phosphor-bronze alloy providing extreme resistance to breaking under bending, twisting and vibration. The cup core construction of ferrite transformers provides the user with these major advantages; Minimum inductance leakage, and reduced effect of temperature changes on the inductance of the transformer windings.

### SERIES T

For blocking oscillator and interstage coupling applications. All in epoxy resin cases. Pulse Duration . . . 0.1 to 25 U Sec. Pulse Repetition rate . . . up to 10 MC. Pulse Energy . . . 6 Watt-U Sec. Voltage rating between Windings . . . 500 VRMS. Size 19/32 x 11/16. Shpg. wt., 3 oz.

### Type TE

Part No.	Primary Inductance M.H. ± 20%	Turns Ratio	Part No.	Primary Inductance M.H. ± 20%	Turns Ratio
Q1WA	22	1:11	Q1QA	1.0	5:11
Q1WA	22	3:11	Q1QA	1.0	3:11
Q1WA	22	5:11	Q1QA	1.0	5:11
Q1WA	22	3:11	Q1QA	1.0	3:11
Q1WA	22	5:11	Q1QA	1.0	5:11
Q1WA	10	1:11	Q1QA	0.47	1:11
Q1WA	10	3:11	Q1QA	0.47	3:11
Q1WA	10	5:11	Q1QA	0.47	5:11
Q1WA	10	3:11	Q1QA	0.47	3:11
Q1WA	10	5:11	Q1QA	0.47	5:11
Q1WA	4.7	1:11	Q1QA	0.1	1:11
Q1WA	4.7	3:11	Q1QA	0.1	3:11
Q1WA	4.7	5:11	Q1QA	0.1	5:11
Q1WA	4.7	3:11	Q1QA	0.1	3:11
Q1WA	4.7	5:11	Q1QA	0.1	5:11

NET 1-9 each 7.00 10-24 each 6.30 25 and up each 5.50 NON-ASSORTED

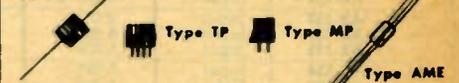
### Type TP

PRIMARY INDUCTANCE 1-7; XVAM 58 mh, BVAM 15 mh, AVAM 3.8 mh, NVAM 1.25 mh and RVAM 0.33 mh. all ± 20%.

Part No.	Turns Between Windings				
	1-7	2-3	3-4	4-5	5-6
XVAM	240	12	24	60	20
BVAM	120	5	24	10	3
AVAM	120	2	10	3	3
NVAM	36	2	3	3	3
RVAM	18	1	2	4.5	1.5

NET 1-9 each 7.00 10-24 each 6.30 25 and up each 5.50 NON-ASSORTED

### Type TE



### SERIES M

For sub-miniature and transistor applications. Pulse Width . . . 0.05 U Sec. to 5.0 U Sec. Pulse Repetition rate . . . up to 500 KC. Total Pulse Energy . . . 3.5 Watt-U Sec. Test Voltage . . . 500 Volts R.C. Size 19/32 .369. Shpg. wt., 1 oz.

### Type AME (ALUMINUM CASES)

Part No.	Primary Inductance M.H. ± 20%	Turns Ratio	Part No.	Primary Inductance M.H. ± 20%	Turns Ratio
AM1WA	10	1:11	AM1WA	0.47	1:11
AM1WA	10	3:11	AM1WA	0.47	3:11
AM1WA	10	5:11	AM1WA	0.47	5:11
AM1WA	10	3:11	AM1WA	0.47	3:11
AM1WA	10	5:11	AM1WA	0.47	5:11
AM1WA	4.7	1:11	AM1WA	0.22	1:11
AM1WA	4.7	3:11	AM1WA	0.22	3:11
AM1WA	4.7	5:11	AM1WA	0.22	5:11
AM1WA	4.7	3:11	AM1WA	0.22	3:11
AM1WA	4.7	5:11	AM1WA	0.22	5:11
AM1WA	1.0	1:11	AM1WA	0.1	1:11
AM1WA	1.0	3:11	AM1WA	0.1	3:11
AM1WA	1.0	5:11	AM1WA	0.1	5:11
AM1WA	1.0	3:11	AM1WA	0.1	3:11
AM1WA	1.0	5:11	AM1WA	0.1	5:11

Net 1-9 each 7.00 10-24 each 6.30 25 and over each 5.50 NON-ASSORTED

### Type MP

### (EPOXY RESINS CASES)

Part No.	Primary Inductance M.H. ± 20%	Turns Ratio	Part No.	Primary Inductance M.H. ± 20%	Turns Ratio
MB1UE	10	1:11	MB1UE	0.47	1:11
MB1UE	10	3:11	MB1UE	0.47	3:11
MB1UE	10	5:11	MB1UE	0.47	5:11
MB1UE	10	3:11	MB1UE	0.47	3:11
MB1UE	10	5:11	MB1UE	0.47	5:11
MB1UE	4.7	1:11	MB1UE	0.22	1:11
MB1UE	4.7	3:11	MB1UE	0.22	3:11
MB1UE	4.7	5:11	MB1UE	0.22	5:11
MB1UE	4.7	3:11	MB1UE	0.22	3:11
MB1UE	4.7	5:11	MB1UE	0.22	5:11
MB1UE	1.0	1:11	MB1UE	0.1	1:11
MB1UE	1.0	3:11	MB1UE	0.1	3:11
MB1UE	1.0	5:11	MB1UE	0.1	5:11
MB1UE	1.0	3:11	MB1UE	0.1	3:11
MB1UE	1.0	5:11	MB1UE	0.1	5:11

Net 1-9 each 7.00 10-24 each 6.30 25 and over each 5.50 NON-ASSORTED

CALL LAFAYETTE FOR ALL YOUR ELECTRONIC NEEDS

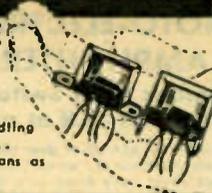
# Argonne TRANSISTOR TRANSFORMERS

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**

**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

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	3000	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	650	6	3/4" x 3/8" x 3/8"
AR-103	Driver	20,000	2,000 CT	1.	100	400	50	3/4" x 3/8" x 3/8"
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-154	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 CT	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 CT	2.	350	150	60	1" x 3/4" x 3/4"
AR-159	Driver	1,500	500 CT	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 CT	3.2	5.	175	40	.3	3/4" x 3/8" x 3/8"
AR-161	Output	650 CT	16	5.	175	27	1.3	3/4" x 3/8" x 3/8"
AR-162	Output	500 CT	500 CT	5.	350	18	18	1" x 3/4" x 3/4"
AR-163	Output	500 CT	150 CT	5.	175	18	8	3/4" x 3/8" x 3/8"
AR-165	Output	500 CT	50	5.	175	18	4	3/4" x 3/8" x 3/8"
AR-117	Output	500 CT	30	5.	100	20	1.5	3/4" x 3/8" x 3/8"
AR-118	Output	500 CT	16	5.	100	20	1.5	3/4" x 3/8" x 3/8"
AR-164	Output	500 CT	8	5.	175	18	.8	3/4" x 3/8" x 3/8"
AR-119	Output	500 CT	3.2	5.	100	20	.3	3/4" x 3/8" x 3/8"
AR-166	Output	400 CT	16	5.	175	16	1.3	3/4" x 3/8" x 3/8"
AR-120	Output	400 CT	11	1.	150	20	.9	3/4" x 3/8" x 3/8"
AR-167	Output	400 CT	8 or 3.2	5.	175	16	6/3	3/4" x 3/8" x 3/8"
AR-168	Output	300 CT	16	6.	175	12	1.4	3/4" x 3/8" x 3/8"
AR-121	Output	300 CT	3.2	6.	150	20	.25	3/4" x 3/8" x 3/8"
AR-139	Output	250 CT	8	2.	250	15	.7	1" x 3/4" x 3/4"
AR-122	Output	250 CT	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 CT	16	2.	250	20	1.3	3/4" x 3/8" x 3/8"
AR-169	Output	200 CT	8 or 3.2	7.	175	9	6/3	3/4" x 3/8" x 3/8"
AR-140	Output	200 CT	3.2	2.	100	10	.3	3/4" x 3/8" x 3/8"
AR-170	Output	160 CT	8 or 3.2	8.	350	10	6/3	1" x 3/4" x 3/4"
AR-176	Output	125 CT	8	8.	350	4	.7	1" x 3/4" x 3/4"
AR-174	Output	125 CT	3.2	8.	350	6	.3	1" x 3/4" x 3/4"
AR-171	Output	100 CT	10	10.	175	4	.8	3/4" x 3/8" x 3/8"
AR-172	Output	48 CT	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"

# LAFAYETTE LEADS THE FIELD IN TRANSISTORS CIRCUITS • KITS & COMPONENTS



## NEW ARGONNE HI-FI TRANSISTOR TRANSFORMERS

- DESIGNED FOR WIDE RANGE TRANSISTOR AUDIO AMPLIFIERS.
- 20-20,000 CPS  $\pm$  0.25 DB

Completely enclosed 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: 1-15/16" x 1-15/16" x 1 3/4". 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. Net 5.75

AR-500

### 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. Net 5.75

AR-501

## 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 1-9/16" x 1 1/8" x 1-9/16". Shpg. wt., 1 lb.

AR-503

### 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 1-9/16" x 1 1/8" x 1-9/16". Shpg. wt., 1 lb. Net 1.50

AR-504

## NEW! UNIVERSAL POWER TRANSISTOR OUTPUT TRANSFORMER

- DESIGNED FOR THE EXPERIMENTER
- PRI. TAPPED AT 8-12-16-24-32 AND 48 OHMS
- RATED 10 WATTS

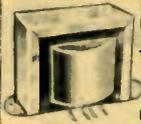
Lafayette's latest transistor circuit component. Engineered for construction projects using the increasingly popular power transistors. Will also serve as a general replacement for many transistorized auto radios. Rated at 10 watts for push-pull operation. Primary tapped at 8, 12, 16, 24, 32 and 48 ohms. Secondary tapped at 4, 8 and 16 ohms. Size 3-1/16" x 2 1/4" x 2-9/16". Shpg. wt., 3 lbs.

TR-94

Net 3.75

## NEW! TRANSISTOR OUTPUT TRANSFORMERS

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. Net wt., 1 1/4 ozs. Shpg. wt., 4 ozs.



TR-109

Net .89

### 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. Shpg. wt., 4 ozs.

TR-110

Net .89

## MINIATURE VOLUME CONTROL

1/4" DIAMETER



QUANTITY LIMITED

Only 3/4" Diameter, overall depth approximately 4" including threaded shaft. Ideal for miniature radio, etc. Wt., 4 ozs.

VC-10—Range 0-500,000 audio taper . . . 39c  
VC-15—Range 0 to 1 Meg. linear taper 39c  
VC-20—Range 0 to 3 Meg. audio taper 39c  
In Lots of 10— 3.25

## MINIATURE SWITCH



Has 4 positions including OFF. Self contained wheel knob. 3/4" diam. x 1/2" deep. Quantity limited. Shpg. wt., 4 ozs.

SP-88-10 for 3.25      Singly, .35

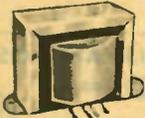
## TRANSISTOR BATTERY HOLDERS



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.	DESCRIPTION	NET	STOCK NO.	DESCRIPTION	NET
MS-137	For 1 #7, V8074 or 912	.20	MS-178	For 2 of the above	.37
MS-138	For 2 of the above	.37	MS-183	For 1 #U20, 413, V8085, or RM413 R	.28
MS-169	For 3 of the above	.44	MS-184	For 2 of the above	.37
MS-170	For 4 of the above	.57	MS-225	For 1 Y10 or 504	.20
MS-139	For 1 #2, V8034, Y15, ZM19, RM502R, RM12R	.20	MS-283	For 2 of the above	.37
MS-181	For 2 of the above	.37	MS-384	For 1 Y20 or 506	.28
MS-386*	For 2 of the above	.44	MS-385	For 1 K10 or 417	.28
MS-171	For 3 of the above	.44	MS-386	For 1 K15 or 420	.28
MS-182	For 4 of the above	.57	MS-387	For 1 U10, V8083, 411 or RM411R	.28
MS-173	For 1 #1 V8035, TR233R, E233 or 935	.24	MS-388	For 1 RM401R or E 401	.20
MS-174	For 2 of the above	.37	MS-389	For 2 of the above	.37
MS-381*	For 2 of the above	.44	MS-390	For 3 of the above	.44
MS-175	For 1 #2, D, Z4, 930 or RM42R	.24	MS-391	For 1 RM1R or E1	.28
MS-176	For 2 of the above	.37	MS-392	For 1 RM3R or E3	.28
MS-382*	For 2 of the above	.44	MS-393	For 1 RM4R or E4	.28
MS-177	For 1 U15 or V8084	.24			

## TRANSISTOR OUTPUT TRANSFORMER



- TRULY MINIATURE—ONLY 3/4" x 5/8" x 5/8"
- MATCHES ANY 3.2 OHM SPEAKER
- EXCELLENT FOR RECEIVER REPLACEMENT

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 a 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.

TR-95—TRANSISTOR OUTPUT TRANSFORMER

Net .89

### TRANSISTOR DRIVER TRANSFORMER

Single-ended transformer for driving transistor power stage. Impedances 10,000 ohm pri., 2000 ohm sec.; dc res. 500 ohms pri., 50 ohms sec. 1.5 ma. dc unbalanced pri. current. Rated 100 mw. 3/4" x 3/4" x 3/4". Shpg. wt., 4 oz.

TR-96—Transistor Driver Transformer...Net 89c

## NEW! MICRO-MINIATURE TRANSISTOR I.F.s



- 455 K.C. I.F. Transformers
- 3/8th Inch square - 9/16ths inch high
- Matching Shielded Oscillator Coil

Newest—smallest—I.F.s available for transistor circuitry. Ferrite core—slug tuned—and only 3/8" square by 9/16" high. Engineered especially for transistor receivers. Impedances are perfectly matched. Includes diagram and instructions. Wt., 6 ozs.

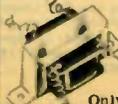
MS-340 1st and 2nd I.F. pri. 25,000 ohms—sec. 600 ohms ..... Net .95

MS-341 3rd I.F. pri., 25,000 ohms, sec. 1000 ohms. .... Net .95

OSCILLATOR COIL: Matching, shielded oscillator coil. For use with Argonne Poly-Vari-Con (MS-270) or Lafayette air variable (MS-261). Smallest shielded oscillator available for 455 KC I.F. circuits. Wt., 4 ozs.

MS-342 ..... Net .95

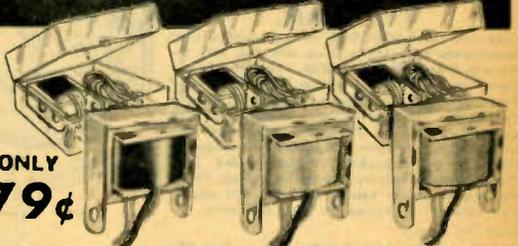
## TRANSISTOR OUTPUT TRANSFORMER



Only 5/8" x 7/8" x 1-1/16". 2000 ohm primary to 10 ohm voice coil. Matches most transistor outputs. Shpg. wt., 8 ozs.

TR-93 ..... Net 69c

## NEW! sub-miniature TRANSISTOR AUDIO TRANSFORMERS



ONLY 79c

- Input, Output and Driver 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 and treated to resist corrosion. Designed for improved frequency response with low distortion. 3" color-coded leads. Average shpg. wt., 4 oz.

TR-97 INPUT TRANSFORMER—Primary impedance 100,000 ohms; secondary 1000 ohms; DC resistance primary 1000 ohms; secondary 100 ohms ..... Net .79

TR-98 DRIVER TRANSFORMER—Primary Impedance 10,000 ohms; secondary 2000 ohms, center-tapped. DC resistance of primary 240 ohms; secondary 60 ohms, center-tapped ..... Net .79

TR-99 OUTPUT TRANSFORMER—Primary impedance 500 ohms center-tapped; secondary 3.2 ohms. Primary DC resistance 42 ohms, center-tapped; secondary 0.7 ohms ..... Net .79

# NEW! REVOLUTIONARY DESIGN

## 2-GANG SUPER-HET VARIABLE CONDENSER - ARGONNE "POLY-VARI-CON"

**2-GANG**  
only  
5/8" x 1-1/16"  
**Square!**  
MS-270

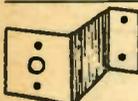


**1.95**

Two-gang midget variable for top performance in transistor superhet circuits. Capacitance of antenna section, 10 to 208 mmf, and 10 to 100 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 ..... Net **1.95**

### SINGLE GANG POLY-VARICON

10 to 365 mmf. Tunes through 180° 5/8" x 1-1/16" x 1-1/16". Shpg. wt., 4 ozs.  
MS-274 ..... Net **1.25**



### "POLY-VARI-CON" MOUNTING BRACKET

Designed especially for horizontal mounting of "Poly-Vari-Con" tuning condensers MS-270 and MS-274. Has two holes on top for mounting condenser and two holes in "L" shaped lip for mounting bracket. Size: 1-1/8" x 1-1/16" x 3/4". Shpg. wt., 4 ozs.  
MS-310 ..... Net **29c**



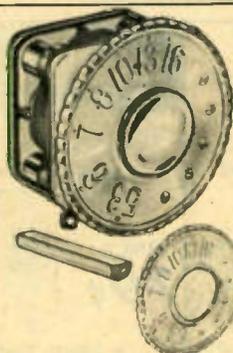
### TRANSISTOR SUPER-HET LOOP ANTENNA

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 208 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 1/8" dia. Shpg. wt., 4 ozs.  
MS-272—Ant. Coil ..... Each, Net **.95**

### NEW! ATTRACTIVE TUNING DIAL FOR MINIATURE "POLY-VARI-CON" CONDENSERS 1 1/2" DIAM.

Give your Transistor Receiver that professional appearance by dressing it up with this very attractive broadcast tuning dial. Specifically designed for use with the famous Transistor "Poly-Vari-Con" tuning condenser. 1 1/2" diam. plastic dial neatly designed in ivory background with silver digits and trim or maroon background with silver digits and trim. Mounted on condenser shaft by a rich-looking, chrome-plated 5/8" diam. threaded retainer, centrally placed. You'll be amazed at the beauty this dial will add to your receiver! Knurled for easy activation. Shpg. wt., 4 ozs.

KN-24—IVORY AND GOLD.....Net **45c**  
KN-25—MAROON AND SILVER.....Net **45c**



### NEW! SMALLEST TUNING CONDENSER—with DIAL

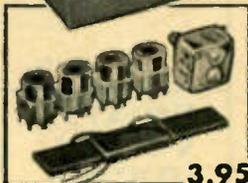
- 365 MMF.
- POLYETHYLENE DIELECTRIC
- ONLY 1" SQUARE, 7/16" DEEP
- FOR TRANSISTOR & MINIATURE CIRCUITS

LAFAYETTE SPECIAL

**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 1/2" diam.; rotation is 180°. Dial is mounted to condenser shaft by 9/16" diam. chrome-plated threaded retainer. Shpg. wt., 5 oz.

MS-445 ..... Net **.59**



**3.95**

### NEW! COMPLETE TRANSISTOR BROADCAST RECEIVER COIL KIT

- MINIATURE 2-GANG POLY-VARI-CON TUNING CONDENSER
- 3-455KC IF'S ● OSCILLATOR ● FERRITE LOOP ANTENNA
- MATCHED MICRO-MINIATURE COILS

A complete set of matched micro-miniature coils for use in subminiature transistorized radio receiver circuits. Shielded IF and Oscillator coils measure only 7/16" high above chassis and are 3/8" in diameter! Correct impedances are provided for maximum gain in transistor circuits; high "Q" coil design and impregnation for maximum stability make these units hard to beat at any price!

The oscillator coil has an inductance of 261 μh, variable ± 20% by means of a tuning slug. The 1st IF coil (converter output) primary impedance 15,000 ohms; secondary 350 ohms; center frequency 455KC. The 2nd IF (interstage) the same but secondary 500 ohms. The 3rd IF (detector) also the same except secondary 5,000 ohms. The ferrite loop antenna is flat type, 2 1/4" long x 9/16" w x 1/4" thick. Includes famous Poly-Vari-Con 2-gang tuning condenser. Shpg. wt. of kit is 1 lb.

MS-450

Net **3.95**

### SUBMINIATURE TRANSISTOR RECEIVER COIL KIT

Includes same set of high "Q" miniature components as MS-450 except for the tuning condenser.  
MS-440 Same as above, less tuning capacitor

Net **2.49**

### 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. Extensive 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



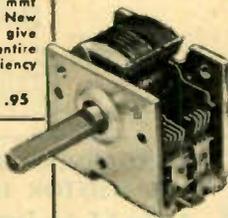
For 455KC IF circuits. Matches MS-270 variable condenser when used with MS272 ant. loop; matches MS-261 variable cond. with MS264 ant. loop. Size 3/8" x 1". Wt. 4 ozs.

MS-265... In lots of 6, Ea. **69¢**  
Singly, Each **79¢**

### TRANSISTOR MINIATURE 2 GANG SUPER-HET VARIABLE CONDENSER

ONLY 15/16" x 1 1/8" x 1-5/16"

All the new miniature transistor operated sets such as GE, Regency, etc., are using this truly miniature 2 gang variable. 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 15/16" D x 1 1/8" W x 1-15/16" H. Shpg. wt. 5 oz.  
MS-261 ..... Net **.95**

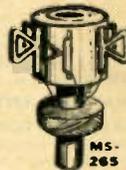


### TRANSISTOR LOOP ANTENNA AND OSC. COIL



MS-264

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 **.89**  
In lots of 6, Each **69¢** Singly, Each **79¢**



MS-265

### MATCHED SET TRANSISTOR ANTENNA LOOP AND OSC. COIL FOR USE WITH 365 MMF CONDS.



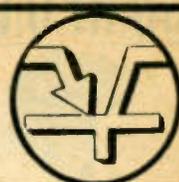
A Transistor Loop Antenna with a fixed inductance loop; specially designed with 1/2" diameter Ferrite Rod to insure adequate signal to the first stage. Inductor is tapped to match an input impedance of 600 ohms. Frequency range 540-1650 KC, when used with variable condenser having a maximum capacity of 365 mmf. Dimensions 9/16" x 4 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 1/2" x 1 1/8" high. Shpg. wt., 4 ozs.  
MS-165 ..... Net **69¢**



# LAFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS



## TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL - FOR USE WITH MINIATURE SETS

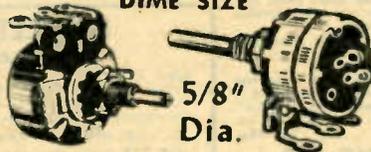
Size  $2\frac{3}{8}$ " L x  $\frac{3}{8}$ " W x  $3/16$ " Thick

Flat Ferrite Tapped Antenna Coil, for transistor circuits. Small in size for miniature sets. Frequency range 540 to 1650 KC when used with 211 uuf tuning condenser, such as the Poly-Vari-Con MS-270. Inductance 397 uH. MS-329 Shpg. wt., 4 oz. Net .98

## FOR USE WITH 365 uuf VARIABLE CONDENSER

Small in size,  $2\frac{3}{8}$ " L x  $\frac{3}{8}$ " W x  $3/16$ " Thick, for miniature circuits. For use with 365 mmd Variable Condensers, such as MS-142, MS-274 and MS-445. Inductance 230 uH. MS-330 Transistor Antenna Coil Shpg. wt., 4 oz. Net .98

## TRANSISTOR POTENTIOMETERS DIME SIZE



5/8" Dia.

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 1/8" 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	} 49¢ 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 1/2" Diam.—Net 9¢

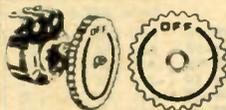
### WITH S.P.S.T. SWITCH

These Versatile Sub-Miniature Controls with S.P.S.T. switch ratings 1 amp at 20 Volts, 1/2 amp at 67 1/2 volts. Control was especially designed for Transistor and Sub-Miniature applications; Bushing 1/8" diameter and 1/2" long, includes nut and lock washer. Only 1/2" diameter 33/64" deep, shaft 1" diameter, 1" long. Shaft can be cut to desired length.

VC-26 1,000 ohms	VC-25 25,000 ohms	} 69¢ 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 1/2" Diam.—Net 9¢

## NEW! TRANSISTOR 5000 OHM POT WITH SWITCH, SLOTTED SHAFT AND KNURLED FLAT DIAL—5/8" DIAM.



New 5,000 ohm, 5/8" diam. sub-miniature volume control with ON-OFF switch. Ideal for transistor kits! Neat knurled plastic dial etched with "OFF" press fitted into 1/4" x 1/2" diam. slotted shaft. 1/2" body height, 1-1/16" 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 1/8" diam. volume control slotted shafts. Knurled periphery for easy vertical or horizontal activation. 1" diam. x 1/8" thick. Can easily fit VC-26 thru VC-35 if slot is made in shaft. KN-23 Net 12¢

## TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL • HIGH "Q" FOR MAXIMUM PICKUP

Latest super-sensitive Transistor Flat Ferrite Tapped Antenna Coils. Specifically 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: 5-1/4" L x 13/16" W x 3/16" Thick. Shpg. wt., 4 oz.

**FOR USE WITH 208 µF 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 µH inductance.

MS-307 Net 98¢

**FOR USE WITH 123 µF CAPACITORS SUCH AS MS-261**

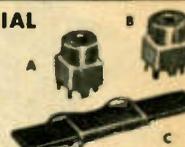
Matched with MS-261, the popular transistor superhet variable capacitor used in sets such as G.E., Regency, etc. 760 µH inductance.

MS-308 Net 98¢

**FOR USE WITH 365 µF CAPACITORS SUCH AS MS-142**

For use with 365 mmd. Variable Condensers such as MS-142, MS-274 and MS-445. Inductance 230 uH. MS-309 Net 98¢

## SERVICEMAN SPECIAL REPLACEMENT FOR JAPANESE 6 TRANSISTOR RADIOS



**FIG. A IF TRANSFORMERS**—Specially constructed for extra efficient performance in Japanese 6 transistor printed circuit superheterodyne radios. Adjustable core easily accessible from top. Size: 3-1/64" x 13/32" x 13/32" less terminals. Shpg. wt., 3 oz.

MS-764 1st IF Transformer Net .59  
MS-751 2nd IF Transformer Net .59  
MS-752 3rd IF Transformer Net .59

**FIG. B OSCILLATOR COIL**—Excellent for above transformers as well as for most Japanese Superhet receivers. 3-1/64" x 13/32" x 13/32" less terminals. Shpg. wt., 3 oz.

MS-753 Net .59

**FIG. C ANTENNA COIL**—Highly efficient ferrite antenna coil for Japanese superhet receivers. 437 microhenries, Q is 200 at 1000 kc. 2 3/8" x 1/2" x 3/16". Shpg. wt., 4 oz. MS-754 Net .59

## NEW 7" TRANSISTOR LOOP ANTENNA



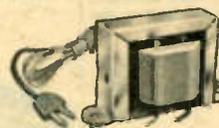
1.10

A newly developed unit that is sure to be featured in many construction articles in the popular "how-to-do-it" magazines.

Provides superior gain for 5 and 6 transistor superhets where space is not at a premium. Properly topped to match input impedance of transistor circuits. Covers entire broadcast band when used with miniature variable capacitor RF section having capacitance of 6.3 to 123.1 mmd such as Lofayette MS-261, and Lofayette MS-265 oscillator coil, to match 5.7 to 78.2 mmd oscillator section. A "Q" of over 400 is obtainable from windings on high efficiency ferrite core, 7" long x 1/2" diam. Shpg. wt., 6 oz.

MS-358 Net 1.10

## POWER/ISOLATION TRANSFORMER



1.59

- IDEAL FOR AMPLIFIERS, INTERCOMS AND RECEIVERS
- 12 PAGE BOOKLET DESCRIBING USES
- AC LINE CORD AND PLUG IN PRIMARY
- REDUCES SHOCK HAZARD IN AC-DC EQUIPMENT

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, trace 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. An exceptional value at this price. Size: 2 1/2" x 2" x 1 1/2". Shpg. wt., 3 lbs. TR-91—TRANSFORMER Net 1.59

## HIGH-GAIN LOOPSTICK ANTENNAS



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 mmd 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 the entire broadcast band. Single hole snap-in mounting, plus mounting bracket. Equally efficient at any angle. 2 1/4" x 7/16". Shpg. wt., 4 oz.

MS-11 In lots of 10, Each 36¢  
Singly, Each 39¢

**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-lacking vinyl collar permits peaking antenna for super sensitive results. 3/4" x 5". Shpg. wt., 6 oz.

MS-287 Net 88¢

**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

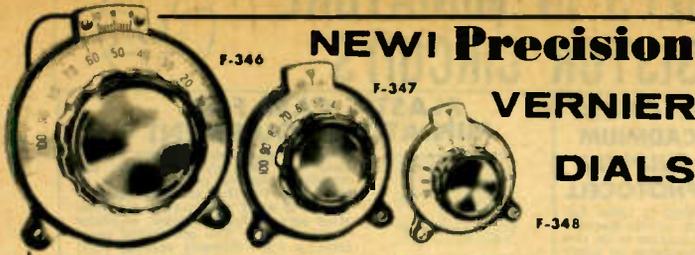
- BOOSTS SIGNAL PICKUP
- SUPER-SELECTIVE!

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 µF 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: 2" x 3/8" diam. Shpg. wt., 4 oz.

MS-299 Net 59¢



# DIALS - KNOBS - DIAL CORD - TUNING EYES



## NEW! Precision VERNIER DIALS

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 oz.

- F-348 36MM (1 1/2") Diameter Vernier Dial, 13/16" from front to back ..... Net .90
- F-347 50 MM (2") Diameter Vernier Dial, 1" from front to back ..... Net 1.00
- F-346 70MM (2 3/4") Diameter Vernier Dial 1 1/8" from front to back ..... Net 1.40



**GOLD INSERT KNOBS**  
 Attractive, modern-shaped knobs for replacement purposes, molded of high quality plastic and beautifully finished. All with rich-looking gold insert. Ava. shpg. wt. 2 oz.

**SET SCREW TYPE**  
 Fit round or flat 1/4" shafts. All have concave polished gold inserts. \* Indicates back of knob recessed 1/8", others flush.

Stock No.	Fig.	Diam.	Color	Net Ea.	5 or More Ea.
KN12*	C	1 1/4"	Mahogany	.15	.12
KN13	F	1 1/4"	Mahogany		
KN14	G	1"	Mahogany		

**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.

Stock No.	Fig.	Diam.	Color	Net Ea.	5 or More Ea.
KN15	B	1 1/4"	Dark Maroon	.15	.12
KN16*	D	1-1/16"	Dark Maroon	.15	.12
KN17*	D	1 1/4"	Dark Maroon	.15	.12
KN18*	A	1 1/4"	Dark Maroon	.18	.16
KN20	H	3/4"	Black	.12	.10

**POINTER TYPE**  
 This knob has a gold pointer and polished gold concave insert. Fits 1/4" flat shaft.

Stock No.	Fig.	Diam.	Color	Net Ea.	5 or More Ea.
KN21	E	1 1/4"	Black	.17	.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 oz.

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 1/16"	.19	.17
KN-32	A	1 1/2"	3/4"	.22	.20
KN-33	B	1 1/2"	1 1/16"	.34	.30
KN-35	B	2-1/16"	2 7/32"	.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 Ea	10-up Ea
KN-22	C	1"	Brown	.09	.08
KN-29	C	1"	Black	.09	.08
KN-38*	D	1"	Black	.11	.10
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 ozs.

STOCK NO.	FIG	SIZE	NET EACH	1-24	25-99	100-up
KN-40	F	2"	.14	.12	.11	
KN-41	G	1 1/4"	.07	.06	.055	
KN-42*	G	1 1/4"	.11	.10	.09	
KN-43	H	1 1/4"	.08	.07	.06	
KN-44*	I	1 1/4"	.15	.13	.115	
KN-45	J	1-3/16"	.08	.07	.065	



### COMMUNICATION RECEIVER TYPE KNOBS

Molded of top-quality Tenite, and have easy grip knurling. These knobs are 1-7/17" 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.
- KN-55 With a single etched center line index.
- KN-56 Numbered 0-10 through an arc of 180° clockwise.

**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.

NO.	MARKING	ROTA	1-24 Ea	25-up Ea
HR5-3	0-10	300°	.58	.52
HR5-4	Single Line	—	.58	.52
HR5-5	0-10	180°	.58	.52

**MINIATURE KNOBS**  
 Plastic knob, only 3/8" diameter fits 1/8" shafts, for miniature components such as Ferris-loopstock, sub-miniature parts, etc. Av. Shpg. wt., 4 ozs.

MS-185	MS-57	Color	Net
MS-185	Brown		.09
MS-57	Ivory		.11

**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 oz.

TYPE	DIA	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	.025"	MS-509	2.91	MS-506	.88

### MATCHED KNOB KITS

- MOLDED FROM HI-IMPACT PLASTIC
- BRASS SCREW AND SHAFT INSERT
- ACCEPTS UP TO 1/4" ROUND OR FLAT SHAFT



You'll want these trim distinctive, functionally styled knobs to add a custom or professional appearance to your Hi-Fi, Ham, Test and Experimental Equipment. 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 oz.

- KI-55 Size: 1 1/8" Diameter 7/8" Deep Kit ..... Net .89
- KI-56 Size: 1 3/8" Diameter 11/16" Deep Kit ..... Net .79
- KI-57 Size: 1" Diameter 11/16" Deep Kit ..... Net .69

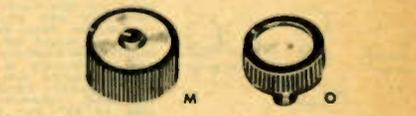
### AMPHENOL TUNING EYE ASSEMBLIES

For use in custom building. Simple to install. For set with AVC, FM sets, test instruments, etc. Shipping weight 8 oz.

**6 PRONG TYPE:** For 6 prong tubes. Includes 1 meg resistor wired into socket, 5-wire color-coded 22" long cable, mg. bracket, escutcheon, hardware and instructions. Net 1.12

**OCTAL TYPE:** For all octal tubes including dual and multi-pattern types. With 8 wire, color-coded 22" cable. Net 1.53

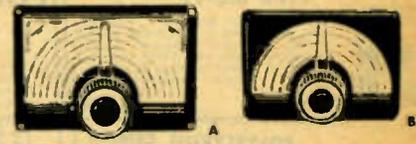
AMPHENOL 58 MEA 6 Net 1.12  
 AMPHENOL 58 MEA 8 Net 1.53



### DECORATIVE HI-FI KNOBS WITH GOLD INSERTS

Another set of attractive plastic knobs. All are dark maroon finish with gold inserts. Type marked \* are push-on for 1/4" flatted shafts, others are for 1/4" knurled shafts. † has gold indicator dot, ‡ has gold indicator line. Center of type M has maroon disc in center of gold plate. Fig. O has bushing extending 3/16" behind. Av. Shpg. wt., 4 ozs.

STOCK NO.	FIG	DIAM.	HEIGHT	1-5 Ea	6-up Ea
KN-49*	O	1 1/4"	3/16"	.17	.15
KN-50*	O	1 1/8"	3/16"	.14	.12
KN-51	M	1-3/16"	1/2"	.16	.14
KN-52†	M	1-3/16"	1/2"	.17	.15
KN-53	M	1 1/8"	2 3/8"	.13	.11



### 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 ICN 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.

FIG	NO.	SIZE	NET
A	ACN	5" H x 7 1/4" W	7.04
B	ICN	5 1/2" H x 7 1/4" W	6.90
A	SCN	4 3/16" H x 6 1/4" W	6.47
A	MCN	2 3/4" H x 3 3/8" W	3.99

YOUR ORDER RECEIVES PROMPT EFFICIENT SERVICE AT LAFAYETTE



# LAFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS



## INTERNATIONAL RECTIFIERS PHOTOELECTRIC CELLS

- SELF GENERATING—NO EXTERNAL POWER NEEDED
- OUTPUT IN SUNLIGHT UP TO 60 MA

### SELENIUM CELLS

Converts artificial or sunlight to electrical energy. Sensitive to a wide spectrum including white, colored or ultraviolet light. Ratings given below are 100 foot candle illumination with 100 ohm load. Much higher outputs obtainable with greater light. All unmounted. Shpg. wt., 3 oz.

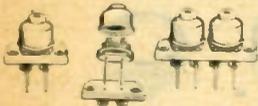
Stock No.	In'l Type	Out	Size	Net Each
MS-741	B-2	75	23/32" x 7/16"	1.4 .98
MS-742	B-5	220	1-7/16" x 4-41/64"	5.9 1.86
MS-743	B-10	350	1-11/16" x 7/8"	10 2.45
MS-744	B-15	750	1-11/16" x 1-11/16"	17.5 5.88

### SILICON CELLS

Rugged silicon cells capable of converting up to 9% of radiant energy. Covers wave lengths from approx. 500 to 1100 millimicrons with peak in the short infra-red range. Chart below shows typical characteristics of 30°C with incident energy of 100mw/cm<sup>2</sup>. Output volts are prox. Unmounted. Size 1 x 2 cm except\* is 1/2 x 2 cm. Shpg. wt., 3 oz.

Stock No.	In'l Type	MW	Output Volt	MA	Net Each
MS-745	S-1020	7.0	.35-.4	17.5	3.09
MS-746	S-1020A	10.5	.4	26	3.43
MS-747	S-1020B	14.0	.4	35	4.02
MS-748	S-0520	3.0	.35-.4	7.5	2.35
MS-749	S-0520A	4.5	.4	11.2	2.69
MS-750	S-0520B	6.0	.4	15	3.14

## TINY PLUG AND JACK



Lafayette is first to bring you this miniature plug and jack combination. Ideal as input and output terminations in transistor and subminiature receivers, hearing aids, etc. Extremely small convenient phenolic plug 13/32" dia. 5/16" long, 7/16" wide, 1/8" thick. Socket has two 3/32" mounting holes. A super value combination.

MS-283—Plug	Net 12¢
MS-284—Jack	Net 10¢
MS-285, 2 plug jack—1 1/4" long, 3/4" wide	Net 12¢

## NEW!... SHURE 1 INCH RECTANGULAR MIKE TYPE MC-20



Specially designed for miniature "build it yourself" equipment, transistor-type devices, hearing aids, etc. Controlled resistance freq. Output level—71 db. Impedance 1000 ohms. High humidity—shock proof. Muv metal shield. 1" diameter.

M-125 ..... Net 7.35

## SHURE 1 INCH MIKE TYPE MC-11



Experimenters' delight! 1" rectangular controlled—resistance microphone. Ideal for transistor hearing aids, amplifiers, etc. 1100 ohm impedance; output level—75 db. Resistant to heat, humidity; shock proof.

M-126 ..... Net 8.23

## POLYSTYRENE CEMENT AND COIL DOPE



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 .44

**THINNER FOR ABOVE**

Cuts and dissolves polystyrene material. 2 oz. bottle. Shpg. wt., 4 oz.

P-303 ..... Net .44

## POWERMASTER TYPE CDS-10 CADMIUM SULPHIDE PHOTOCELL

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. Useable response to entire visible spectrum with peak sensitivity to blue-green light and good red response. Response to infra-red is low. Size 11/16" x 5/8" x 1/4"

MS-739 ..... Net 3.50

## NEW! CLAIREX CRYSTAL PHOTOCELL TYPE CL-3

A cadmium selenide photoconductive cell extremely sensitive in red and near infrared spectral region. Acts as a resistor which varies with applied illumination from tens of thousands of megohms down to thousands of ohms. Can be used even with daylight or fluorescent light present. Works with burglar and tire alarm systems, and may be used with either AC or DC. The cell has a production sensitivity of 300 uA median per candle and 100V. Time constant is 1 1/2 milliseconds at 100 foot candles and 15 milliseconds at 1 foot candle and permits high speed application and permits compensation. Very low noise without current, and cell noise is of no dark current, and cell noise is of no dark current. Voltage maximum: 300V DC or peak AC. Dissipation: 50 milliwatts. Ambient temperature -50 to +75° C. Size: 3/4" x 1/2" long.

MS-740 ..... Net 3.50

## SELENIUM PHOTOCELL

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 of output at 100 foot candles. 2 inches in diameter. Mounted in a handsome plastic case.

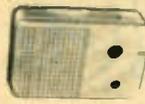
MS-152 Photocell, Wt. 8 oz. Net 13.20

## NEW! Lafayette Super-Value Sun Battery QUANTITY LIMITED!

Sensational buy enables Lafayette to offer this famous selenium photocell at a small fraction of its normal price! Approx. 8 MA current output at 100 ft. candles with 55 ohms load. 30 MW power output at 100 ft. candles with 1000 ohm load! Truly a super buy for the experimenter, kit builder, etc. With colored pigtail leads. 1 1/2" diam.

MS-543 ..... Net 1.47

## PLASTIC CASE FOR MINIATURE EQUIPMENT



Beautiful pocket sized modern streamlined case with rounded corners and removable snap-on cover. This is an ideal case for that transistorized receiver—or other miniature or subminiature preamplifier, amplifier, oscillator or transmitter. Two pre-drilled apertures, a 3/4" diameter opening ideal for Poly-Vari-Con tuning capacitor and a 5/16" 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. Experimenters, builders and hobbyists will want to stock up on several of these cases at this low bargain price. Size: 4 1/4" x 2 3/4" x 1 1/4". Shpg. wt., 6 oz.

MS-302 ..... Net .95

Ivory & Gold Dial Knobs For Above. Wt., 1 oz. Net .45

KN-24 ..... Net .45

Ivory Miniature Vol. Control Knob. Wt., 1 oz. Net .11

KN-57 ..... Net .11

## B2M SUN BATTERY

International Rectifier's Sun Battery requires just average sunlight to generate 2 ma. current under 10-ohm load. With millimeter case, is used as light measuring device. In series or series-parallel will drive transistorized equipment. Ideal for spectrophotometers, headlight dimmers, burglar alarms, timers, etc. Measures 7/24" x .443" x .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

## MINIATURE PLUG AND JACK WITH ANTENNA HANK

An exclusive Lafayette scoop! Miniature plug, jack and antenna hank all at one amazingly low price. Perfect antenna set-up for that personal transistorized receiver, but may be used wherever a miniature plug and jack are required. Plug housed in 3/8" spherical plastic shell. Jack has solder lug and can be mounted on panel up to 1/2" thick. Hank of antenna wire approximately 6 feet long. Shpg. wt., 4 oz.

MS-303 ..... Net 29¢

## PLASTIC CASES FOR MINIATURE ELECTRONIC GEAR

Clear, sturdy polystyrene cases, ideal for miniature assemblies. All have removable covers. All have ball type hinge except\*. Hinged cover not removable. Shpg. wt., 6 oz.

Stock No.	Size LxWxH	Net	Stock No.	Size LxWxH	Net
MS-156	1 1/2 x 2 1/4 x 1"	.09	MS-161†	4 1/2 x 2 1/4 x 1"	.30
MS-157	2 1/2 x 1-3/16 x 1"	.12	MS-162†	4-15/16" x 3-9/16" x 1 1/4"	.32
MS-158	2 1/2 x 2 1/2 x 1"	.15	MS-163†	5 1/2 x 1-5/16" x 1"	.35
MS-159	3 1/2 x 2 1/4 x 1"	.18	MS-164†	5 1/2 x 3 x 1-3/16"	.28
MS-160*	4 1/2 x 2 1/4 x 1"	.20	MS-298	3 1/2 x 3 1/4 x 1 1/4"	.18
MS-300†	7 1/2 x 5 1/2 x 1 1/2"	.89			

With plastic handle

## AMPHENOL POLYSTYRENE SHEETS

Superior results in AC, DC, RF including VHF, UHF and SHF applications. High dielectric strength, extremely low loss. Excellent for dial & gauge glass use. Easy to cut.

TYPE	SIZE	WT.	NET
19-0628	4" x 8" x 1/16"	3 oz.	.20
19-0936	4" x 8" x 3/32"	4 oz.	.24
19-1258	4" x 8" x 1/4"	6 oz.	.36
19-1878	4" x 8" x 3/16"	6 oz.	.46
19-2508	4" x 8" x 1/4"	8 oz.	.50

## MASONITE BREADBOARD

Ideal for Kit Builders

Tempered masonite board with holes spaced 1" apart to facilitate mounting of parts.

Size 7-27/32" x 11-27/32" x 1/4" thick.

ML-61 ..... Net .25

## PERFORATED BAKELITE BOARDS FOR TRANSISTOR AND SUBMINIATURE CIRCUITRY

Sturdy, perforated high grade bakelite boards providing ideal base for builders and experimenters to mount miniaturized components. Ideal for transistorized and subminiaturized circuits. Available in three convenient sizes, all of which are 1/16" thick, have holes of 1/16" diameter with 3/16" between hole centers. For contacts, the MS-304 flex clips listed below are ideal.

MS-304	2-7/16 x 3 3/4"	Net .25
MS-305	3-11/16" x 6 3/4"	Net .40
MS-306	7-3/8" x 6 3/4"	Net .75

## FLEA CLIPS FOR TRANSISTOR AND SUBMINIATURE CONTACTS



"Flea" clips are specially designed for subminiature work. Fit perfectly in holes in MS-304 board. Made of beryllium copper, silver plated finish. Simply insert wire thru hole for positive grip contact.

MS-263 ..... Package of 12 ..... Net 25¢

# Printed Circuit Components Crystals - Specialties



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.

GC-680 KIT ..... Net 5.73

## ECONOMY KIT

Some as above but less the pure silver print. Wt., 2 lbs.  
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.

GC-14-2 ..... Net 1.15

**PRINT-KOTE SOLVENT.** For removing silicon resin or to thin it. 2 oz. bottle. Shpg. wt., 6 ozs.

GC-13-2 ..... Net .32

**PRINT-KOTE SOLDER.** Non-corrosive flux with low melting solder combined with pure silver. 2 oz. coil. Shpg. wt., 4 ozs.

GC-9131 ..... Net .44

**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.

GC-21-1 ..... Net 2.13

**SOLDER-AID PROBE.** Special fine point. Stainless steel. Solder won't stick. Shpg. wt., 2 ozs.

GC-9093 ..... Net .97

**BRUSH AND SCRAPER.** Stainless steel brush and steel scraper. Indispensable repair tool for printed circuits. Shpg. wt., 2 ozs.

GC-9094 ..... Net .97

**K-27 PRINT COAT.** Clear silicone resin in 6 oz. spray can. Insulates and protects. Shpg. wt., 8 ozs.

GC 14-6 ..... Net 2.13

## EPOXY ENCAPSULATION

### 3 WAY KIT 9.93



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 of molded shells of sizes listed below, liquid resin and hardener, casting powder, pellets and epoxy molded shell and instructions. Shipping weight 2 lbs.

MS-520 ..... Net 9.93

STOCK NO.	MOLDED CASE SHELLS SIZE	Pkg. of 5	10	100
			for	for
MS-521	1/4 OD x 1/4 L	.37	.67	6.10
MS-522	5/16 x 1/4	.39	.70	6.40
MS-523	3/8 x 1/4	.40	.72	6.65
MS-524	7/16 x 1/4	.43	.77	7.10
MS-525	1/2 x 2	.55	.99	9.15
MS-526	5/8 x 2	.62	1.12	10.30
MS-527	3/4 x 2	.66	1.19	10.90
MS-528	7/8 x 2	.71	1.28	12.30
MS-529	1 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

## FERRITE ANTENNA CORES

- FERRIMIC Q RODS 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.

Net ea. 12 far

MS-331—Rod 7 1/4" x 1/4" ..... .30 3.24  
MS-332—Rod 7 1/2" x 3/8" ..... .48 4.76  
MS-333—Rod 7 1/2" x 1/2" ..... .65 6.98

## LITZ WIRE

7/41 stranded per 100 ft. Shpg. wt., 8 oz.

Belden #8817— Net .29

## 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

## EL-TRONICS HUMIDITY SENSING ELEMENT

New—highly accurate—extremely stable humidity sensing element. Varies bias on controlled grid of vacuum—directly controls meter reading in bridge circuit. Employs conducting plastic which changes resistance in the presence of water vapor. Rpid reaction time. Long term stability—trouble free operation. Employs puncted electrodes on each face. 3/4" x 1 1/2" x 1/16". Includes Specs—curves—sample circuiting. Shpg. wt., 4 oz.

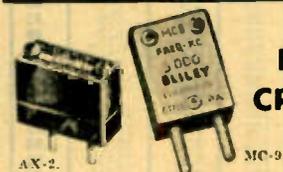
MS-327 ..... Net 9.00



## 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	XXXP Copper Lam.—1 side—9"x12"	1.50
MS-511	XXXP Copper Lam.—1 side—6"x4 1/2"	.45
MS-512	XXXP Copper Lam.—1 side—3"x4 1/2"	.30
MS-513	XXXP Copper Lam.—1 side—2"x4 1/2"	.25
MS-514	XXXP Copper Lam.—1 side—3"x2 1/2"	.24
MS-515	XXXP Copper Lam.—2 sides—9"x12"	1.95
MS-516	XXXP Copper Lam.—2 sides—6"x4 1/2"	.60
MS-517	XXXP Copper Lam.—2 sides—3"x4 1/2"	.40
MS-518	XXXP Copper Lam.—2 sides—2"x4 1/2"	.30
MS-519	XXXP Copper Lam.—2 sides—3"x2 1/2"	.27



## BLILEY CRYSTALS

Type AX-2. Most popular with hams. Acid-etched quartz. Stainless steel electrodes. Pin size: .093" spaced .486". Accuracy of .002%; drifts less than .0002% per degree centigrade. Specify frequency desired when ordering. Av. shpg. wt., 2 ozs.

3500-4000 kc 2 kc Net 2.89

7000-7425 kc 2 kc Net 2.89

8000-9000 kc 2 kc Net 2.89

14-14.5 mc 30 kc Net 3.87

Type MC-9. Suggested primarily for use in Signal Generators and for test equipment such as FM and IF marker generators. Size: 1-11/16" x 13/16" x 7/16". Pin size .093", spacing .486". The plug-in type holder is gasket sealed for optimum protection against moisture.

Bliley MC-9—5000 kc .02% Net 3.87



## CRYSTAL SOCKETS

### (A) NATIONAL SOCKETS (A)

These Steatite 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.

Type	Pin	Spacing	Each
CS-8	.125"	.750"	.35
CS-6	.095"	.486"	.35
CS-5	.125"	.500"	.35
CS-7	.050"	.486"	.35

### MOSLEY CRYSTAL HOLDER ADAPTORS (B)

Vosley 5-75 adapts 1/8" spaced holder to 3/8" spacing. Shpg. wt., 2 ozs.

MS-320 ..... Net .34

Mosley 75-5 adapts 3/8" spaced holder to socket with 1/2" spacing to octal socket. Shpg. wt., 2 ozs.

MS-321 ..... Net .34

## 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 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 box.

### TECHNICIANS KIT

Contains 8 copper clad single faced and 2 double faced boards for 4 1/2" x 6" to 3" x 2 1/4"; 6 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 3/4 x 6 1/2 x 2. 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 for 4 1/2" x 3" to 3" x 2 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 1/4 x 1 3/4 x 4. Shpg. wt. 8 oz.

MS-726 KIT NO. 5001P ..... Net 3.75

### SCREEN PRINTING KIT

Provides accurate, rapid means for producing multiple circuit models. Provides resist patterns for circuitry, labeling locations, numbers, digits, trademarks, etc. Contains ready mounted silk screen, base, squeegee, 4 oz. etch resist, paddle, photo stencil sheets, instructions, brochure, in plastic case 9" x 13" x 2". Shpg. wt., 5 lbs.

MS-727 KIT NO. 5006P ..... 5.00 Down Net 27.00

### NEW BALL POINT TUBES

• BALL POINT TUBE DEPOSITS RESIST LINE 2 MILES LONG!

Make resist patterns directly on copper clad board. As easy to use as a ball point pen. Deposits line 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 PRLT—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	PK-1	Etchant—4 oz.	19 ozs.	.50
MS-730	PK-2	Etchant—1 lb.	1 lb.	1.25
MS-731	PK-7	Etchant—Qtz.	2 lb.	2.25
MS-732	PKY-1	24 Eyelets— .082 D. x .083 L.	2 ozs.	.20
MS-733	PKY-2	24 Eyelets— .082 D. x .125 L.	2 ozs.	.20
MS-734	PKT-1	Tape Resist— 1 1/2 x 3/4"	2 ozs.	.85
MS-735	PKT-2	Tape Resist— 1 1/8 x 3/4"	2 ozs.	.75
MS-736	PKT-4	Tape Resist— 1 1/8 x 3/4"	2 ozs.	.90
MS-737	PKT-4	60 Tape Resist— Circles 3/16" D.	2 ozs.	.40
MS-738	PK-L	Liquid Resist—1 oz.	3 ozs.	.50

## CLASS D CITIZEN BAND CRYSTALS

Extremely accurate 3rd overtone crystals. Meet FCC tolerance requirement of .005%. For popular New II Meter Class D citizen band. Pin spacing: .486" Pin dia. .050". Frequencies available: 26.965, 26.975, 26.985, 27.005, 27.015, 27.025, 27.035, 27.055, 27.065, 27.075, 27.085, 27.105, 27.115, 27.125, 27.135, 27.155, 27.165, 27.175, 27.185, 27.205, 27.215, 27.225 mc.

HE-830 Specify frequency Net Ea. 2.95

## AMPHENOL PRINTED CIRCUIT CONNECTORS

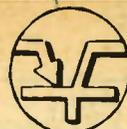
Molded of Blue dielectric. High impact and tensile strength, low moisture absorption, high dielectric strength and high arc resistance. Width 1/8" less than 1/2" high. Ideal for termination of circuitry on printed boards. With standard contact. Av. shpg. wt., 2 ozs.

Amphenol No.	No. of Contacts	Mfg. Ctrs.	Net 1-9	Each 10-49
143-010-01	10	2.41"	1.15	.86
143-015-01	15	2.93"	1.55	1.16
143-018-01	18	3.40"	1.68	1.25
143-022-01	22	4.03"	2.00	1.50



# 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.

CAT NO.	DESCRIPTION	DIA.	LENGTH	NET
CF-100	2 mfd 6 volt	1/4"	31/32"	.26
CF-101	4 mfd 6 volt	1/4"	31/32"	.26
CF-102	8 mfd 6 volt	1/4"	31/32"	.29
CF-103	10 mfd 6 volt	1/4"	31/32"	.29
CF-104	30 mfd 6 volt	1/4"	31/32"	.29
CF-105	50 mfd 6 volt	5/16"	31/32"	.31
CF-106	100 mfd 6 volt	11/32"	31/32"	.39
CF-112	2 mfd 12 volt	3/8"	7/8"	.26
CF-128	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-121	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	5/16"	7/8"	.29
CF-125	50 mfd 15 volt	3/8"	7/8"	.31
CF-126	100 mfd 15 volt	1/2"	1 1/4"	.45
CF-127	160 mfd 15 volt	3/8"	9/16"	.49
CF-140	2 mfd 25 volt	3/8"	7/8"	.29
CF-141	6 mfd 25 volt	3/8"	7/8"	.29
CF-142	10 mfd 25 volt	3/8"	7/8"	.31
CF-143	25 mfd 25 volt	3/8"	7/8"	.31
CF-144	50 mfd 25 volt	3/8"	1 1/4"	.35
CF-145	160 mfd 25 volt	9/16"	1 1/2"	.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. $\mu$ F	Size L W Thick.	Net Each	Lots of 10, Each
C-608	.0005	1-1/8x1/8 x1/16"		
C-609	.001	11/64x11/64x5/64"	15c	13c
C-610	.002	11/64x11/64x5/64"		
C-611	.005	15/64x15/64x5/64"		
C-612	.01	5/16x5/16x5/64"	22c	19c
C-613	.02	13/32x13/32x5/64"		
C-614	.05	31/64x31/64x7/64"	30c	27c
C-615	1	15/32x15/32x1/8"	45c	41c
C-616	2	9/16x9/16x1/8"	56c	51c

### SPRAGUE MINIATURIZED DISC CERAMICS

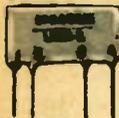
Tiny, dependable, high capacitance-low voltage capacitors specifically designed for bypass and coupling applications in crowded transistor portables. Tough moisture-proof coating protects against shorts and assures good performance even when subjected to severe humidity and vibration. Rated 50V DCW. Shpg. wt., 1 oz.

Type	Cap. $\mu$ F	Tol.	Dia.	Net
TG-D50	.005	+80% -20%	5/16"	.26
TG-S10	.01	+80% -30%	3/8"	.38
TG-S20	.02	+80% -20%	19/32"	.38
TG-S30	.03	+80% -20%	19/32"	.38
TG-S25	.025	+80% -20%	19/32"	.38
TG-S50	.05	+80% -20%	19/32"	.41
TG-P10	.1	+80% -20%	3/4"	.53

### SPRAGUE "UNIVERSAL" CERAMIC CAPACITORS

JUST 4 "UNIVERSALS" CAN BE QUICKLY CONVERTED TO 42 VALUES BETWEEN .0004 AND .015

These ceramic plate capacitors have few leads. The many ratings may be obtained by using certain leads together and cutting off certain leads. Ideal for replacements in field or shop. Rated 500V DCW. With simple instructions on how to make up desired ratings. Shpg. wt., 2 oz.



TYPE	RATINGS AVAILABLE	CAPACITANCE RANGE	NET EACH
UGA-1	12	.0004-.0013	29c
UGA-2	15	.0006-.0027	35c
UHK-1	7	.001-.004	29c
UHK-2	8	.0025-.015	35c

### SPRAGUE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

Reliable, hermetically sealed subminiature electrolytic capacitors. Excellent replacement capacitors for transistorized equipment. Shpg. wt., 2 oz.

Type	Cap. $\mu$ F	WVDC	Diam.	Length	Net
TE-1010	5	1	3/16	9/16	.73
TE-1051	2	3	3/16	1/2	.73
TE-1053	10	3	1/4	5/8	.73
TE-1055	25	3	1/4	5/8	.73
TE-1057	40	3	1/4	3/4	.73
TE-1060	110	3	3/8	3/4	.82
TE-1064	200	3	3/8	1	.88
TE-1080	1	6	3/16	1/2	.73
TE-1081	2	6	3/16	1/2	.73
TE-1082	3	6	3/16	1/2	.73
TE-1083	4	6	3/16	5/8	.73
TE-1084	5	6	3/16	5/8	.73
TE-1086	8	6	1/4	5/8	.79
TE-1087	10	6	1/4	5/8	.79
TE-1089	15	6	1/4	5/8	.79
TE-1091	25	6	1/4	5/8	.79
TE-1092	30	6	3/8	5/8	.82
TE-1095	40	6	3/8	5/8	.82
TE-1100	50	6	3/8	3/4	.82
TE-1101	60	6	3/8	3/4	.82
TE-1102	100	6	3/8	7/8	.88
TE-1114	10	10	1/4	5/8	.79
TE-1116	15	10	1/4	3/4	.79
TE-1118	25	10	3/8	5/8	.79
TE-1127	5	12	1/4	5/8	.79
TE-1128	10	12	1/4	5/8	.77
TE-1152	5	15	1/4	5/8	.82
TE-1155	10	15	1/4	5/8	.82
TE-1157	20	15	3/8	5/8	.85
TE-1158	30	15	3/8	3/4	.88
TE-1162	100	15	3/8	15/16	1.05
TE-1163	150	15	3/8	1-1/4	1.14
TE-1164	200	15	3/8	1-1/2	1.24
TE-1202	5	25	1/4	5/8	.82
TE-1203	6	25	1/4	5/8	.82
TE-1204	10	25	3/8	5/8	.85
TE-1205	15	25	3/8	5/8	.85
TE-1206	20	25	3/8	5/8	.88
TE-1211	100	25	3/8	1-1/2	1.24
TE-1303	5	50	1/4	3/4	.85
TE-1304	10	50	3/8	5/8	.88
TE-1305	20	50	3/8	7/8	.88
TE-1400	1	100	3/8	15/16	.79
TE-1403	4	100	3/8	15/16	.82
TE-1405	6	100	3/8	15/16	.88
TE-1406	8	100	3/8	15/16	.91
TE-1407	10	100	3/8	15/16	.91
TE-1409	20	100	3/8	1-1/2	.94
TE-1505	6	150	3/8	1-1/4	.91
TE-1506	8	150	3/8	1-1/4	.94
TE-1507	10	150	3/8	1-1/4	.94
TE-1508	12	150	3/8	1-1/2	.94

### 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.

| $\mu$ F |
|---------|---------|---------|---------|---------|---------|
| 5       | 22      | 50      | 150     | 330     | .001    |
| 6.8     | 25      | 56      | 180     | 390     | .0012   |
| 10      | 37      | 68      | 200     | 470     | .0015   |
| 12      | 30      | 75      | 250     | 500     | .0018   |
| 15      | 33      | 82      | 250     | 560     | .002    |
| 18      | 39      | 100     | 270     | 680     | .0022   |
| 20      | 47      | 120     | 300     | 750     | .0025   |

C-601 All above values through .01  $\mu$ f may be assorted for quantity price. Specify stock No. C-601 and capacity. 10 for 72c - Singly, Each 8c

### HIGH CAPACITY DISCS

C-602 .015  $\mu$ f shpg. wt., 2 oz. 10 for 99c Singly, Ea 11c  
C-603 .02  $\mu$ f shpg. wt., 2 oz. 10 for 1.08 Singly, Ea 12c

### BARCO TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

For applications in Transistor and Miniature Electronic Circuits, small hermetically-sealed aluminum electrolytic capacitors. Low-leakage current, stable capacity. Will fit anywhere. Shpg. wt., 2 oz.

Type	Cap. $\mu$ F	WVDC	Diam.	Length	Net
P6-1	1	6	1/8	15/32	.50
PT6-2	2	6	11/64	9/16	.41
P6-25	25	6	1/4	3/4	.44
P6-80	80	6	23/64	3/4	.59
P6-160	160	6	23/64	1-9/32	.73
PT8-2	2	8	1/8	5/8	.59
P9-20	20	9	1/4	3/4	.44
PT12-2	2	12	11/64	9/16	.41
PS12-3	3	12	11/64	9/16	.41
P12-5	5	12	11/64	15/32	.50
P12-16	16	12	1/4	3/4	.44
P12-50	50	12	23/64	3/4	.59
PK25-2.5	2.5	25	11/64	15/32	.50
PT25-1.5	1.5	40	5/8	5/8	.59
P25-.4	4/10	25	1/8	15/32	.59
P25-8	8	25	1/4	3/4	.44
P25-25	25	25	23/64	3/4	.59
P25-50	50	25	23/64	1-9/32	.73
P40-5	5	40	1/4	3/4	.44
P40-30	30	40	23/64	1-9/32	.73
P70-3	3	70	1/4	3/4	.44
P70-10	10	70	23/64	3/4	.59
P70-20	20	70	23/64	1-9/32	.73
PT150 8	8	150	1/2	1	.73

### CORNELL-DUBILIER ULTRA-SMALL ALUMINUM-CASED ELECTROLYTICS



Compact hermetically sealed aluminum foil electrolytic capacitors. With welded leads. Shpg. wt., 2 ozs.

Cap. No.	$\mu$ F	DCWV	Diam.	Length	Net
NLW 5-1	5	1	1/8	1/2	.73
NLW 2-3	2	3	1/8	1/2	.73
NLW 10-3	10	3	1/4	5/8	.73
NLW 25-3	25	3	1/4	5/8	.73
NLW 40-3	40	3	1/4	3/4	.73
NLW 50-3	50	3	3/8	3/4	.73
NLW 110-3	110	3	3/8	3/4	.82
NLW 200-3	200	3	3/8	1	.88
NLW 1-6	1	6	1/8	1/2	.73
NLW 2-6	2	6	1/8	1/2	.73
NLW 3-6	3	6	1/8	1/2	.73
NLW 4-6	4	6	1/8	1/2	.73
NLW 5-6	5	6	1/8	1/2	.73
NLW 6-6	6	6	1/8	1/2	.79
NLW 10-6	10	6	1/4	5/8	.79
NLW 15-6	15	6	1/4	5/8	.79
NLW 20-6	20	6	1/4	5/8	.79
NLW 25-6	25	6	1/4	5/8	.79
NLW 30-6	30	6	3/8	5/8	.82
NLW 40-6	40	6	3/8	5/8	.82
NLW 50-6	50	6	3/8	5/8	.82
NLW 60-6	60	6	3/8	5/8	.82
NLW 100-6	100	6	3/8	7/8	.88
NLW 10-10	10	10	1/4	5/8	.79
NLW 15-10	15	10	1/4	5/8	.79
NLW 25-10	25	10	3/8	5/8	.79
NLW 50-10	50	10	3/8	5/8	.85
NLW 100-10	100	10	3/8	1	.94
NLW 5-15	5	15	1/4	5/8	.82
NLW 10-15	10	15	1/4	5/8	.82
NLW 20-15	20	15	3/8	5/8	.85
NLW 30-15	30	15	3/8	5/8	.88
NLW 5-25	5	25	1/4	5/8	.82
NLW 6-25	6	25	1/4	5/8	.82
NLW 10-25	10	25	3/8	5/8	.88
NLW 15-25	15	25	3/8	5/8	.85
NLW 20-25	20	25	3/8	5/8	.88
NLW 5-50	5	50	1/4	5/8	.85
NLW 10-50	10	50	3/8	5/8	.88
NLW 20-50	20	50	3/8	7/8	.88

### UNIVERSAL CERAMIC CAPACITOR KIT

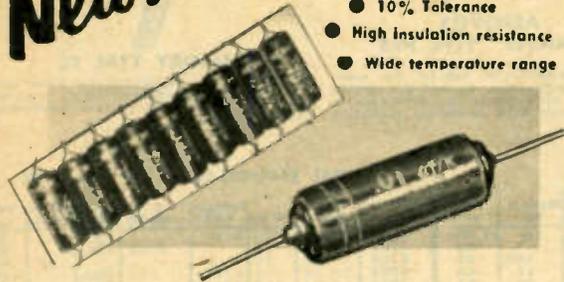
Versatile, multi-purpose capacitor kit. Covers .0004 through .015 mfd. in minimum space. Rated at 500 WVDC. Includes 3 each: UHK-1, UHK-2, UGA-1 and UGA-2. Complete with instructions on how to select desired capacitance. 3 1/2 x 8 1/2". Shpg. wt., 3 oz. Net 3.88

# LAFAYETTE SPECIAL CONDENSER VALUE

**New!**

## LAFAYETTE METAL CASED OIL FILLED TUBULAR CAPACITORS

- Exceptional capacitance stability
- 10% Tolerance
- High insulation resistance
- Wide temperature range



These oil-filled and oil impregnated paper capacitors are manufactured to high standards. Features 10% tolerance. Operates 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 fail 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.

TYPE	CAP MFD	SIZE D X L	NET EACH		
			SINGLE	Lots of 10	Lots of 100
C-800	.001	9/32 x 26/32"	.09	.81	7.00
C-801	.002	9/32 x 26/32"	.09	.81	7.00
C-802	.005	9/32 x 27/32"	.09	.81	7.00
C-803	.01	9/32 x 27/32"	.10	.90	7.90
C-804	.02	10/32 x 27/32"	.11	.99	8.50
C-805	.05	13/32 x 1"	.12	1.08	9.50
C-806	.1	15/32 x 1 1/16"	.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	5	.001	.001
10	.002	5	5	.002	.002
10	.005	5	5	.005	.005
20	.01	10	10	.01	.01
20	.02	10	10	.02	.02
20	.05	10	10	.05	.05
10	.1	5	5	.1	.1

KIT NO. KI-52	KIT NO. KI-51
List Value 32.00	List Value 16.00
<b>4.95</b>	<b>2.75</b>
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 for 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. It maintains its characteristics under extreme conditions of heat and humidity. Its mechanical construction is excellent, 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. Avg. shpg. wt., 4 oz. ea.

KI-51 ... Kit of 50	2.75
KI-52 ... Kit of 100	4.95

## LAFAYETTE MOLDED BY-PASS CONDENSERS

EVERY CONDENSER SOLD ON MONEY BACK GUARANTEE



For general replacement service, extremely durable and very compact. Have high insulation resistance. Molded in extra hard, non-inflammable plastic, resistant to moisture, high temperature and shock. Extra strong copper weld leads eliminate breakage during installation. Temperature range 40 to 90°C. Made by a leading condenser manufacturer. Average shpg. wt., 4 oz. ea.

Stock No.	Mfd.	Voltage	Price		
			Each	Price in lots of 10	Box of 100
C500	.001	600	09c	08c Each	7.50
C501	.002	600	09c	08c "	7.50
C502	.005	600	09c	08c "	7.50
C503	.01	600	10c	09c "	7.50
C507	.02	600	10c	09c "	8.00
C508	.03	600	11c	10c "	8.50
C505	.05	600	12c	10c "	9.00
C506	.1	600	15c	12c "	11.25
C525	.005	1600	14c	12c "	10.25
C526	.008	1600	14c	12c "	10.25
C527	.01	1600	14c	12c "	10.25
C528	.05	1600	20c	18c "	15.50

## LAFAYETTE TUBULAR ELECTROLYTICS

The 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	
			Net Each	Price in lots of 10
C-128	10	25	29c	27c Each
C-129	25	25	31c	28c "
C-100	20	150	36c	33c "
C-101	40	150	41c	37c "
C-113	8	450	40c	36c "
C-130	20	450	56c	51c "
C-131	40	450	63c	57c "
Dual Section Tubular Electrolytic				
C-127	20-20	150	56c	50c "
C-125	30-30	150	60c	54c "
C-126	40-40	150	62c	57c "
C-102	50-30	150	62c	57c "
C-106	50-50	150	66c	60c "

## OIL FILLED METALLIZED PAPER CAPACITORS

**NEW**



- 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 1 1/4". Overall dimension for 4 and 8 μf capacitor are 1 1/4 x 3/4 x 2 1/4" and 1 1/4 x 3/4 x 2 1/4" respectively.

Stock No.	Cap. Mfd.	DCWV	Shpg. Wt.	Net Ea.
CF-114	2	150	3 oz.	.59
CF-115	4	150	5 oz.	.79
CF-116	8	150	8 oz.	1.19

## CORNELL-DUBILIER TYPE BC PRINTED CIRCUIT TUBULARS

Parallel lead wires permit these phenolic-cased paper tubular capacitors to be plugged directly into printed circuits and dip soldered. Extremely wide temperature range. Leads have low resistance connections to foil. Withstands extremes of soldering temperatures without damage. Average shpg. wt., 4 oz.



TYPE	200V DCWV	DCWV	SIZE	EA.	600V DCWV		
					TYPE	EA.	
3C-2D68J	.0068	1/2 x 1	.18	BC-6D1J	.001	3/8 x 1	.18
BC-251J	.01	3/8 x 1	.18	BC-6D15J	.0015	3/8 x 1	.18
BC-2515J	.015	3/8 x 1 1/4	.18	BC-6D22J	.0022	3/8 x 1	.18
BC-2522J	.022	3/8 x 1 1/4	.21	BC-6D33J	.0033	3/8 x 1	.18
BC-2533J	.033	7/16 x 1 1/4	.21	BC-6D47J	.0047	3/8 x 1	.18
BC-2547J	.047	1/2 x 1 1/4	.21	BC-6D68J	.0068	3/8 x 1	.18
BC-2568J	.068	1/2 x 1 1/2	.24	BC-6S1J	.01	3/8 x 1 1/4	.21
BC-2P1J	.1	1/2 x 1 1/2	.24	BC-6S15J	.015	7/16 x 1 1/4	.21
BC-2P15J	.15	1/2 x 1 1/2	.26	BC-6S22J	.022	7/16 x 1 1/4	.24
BC-2P22J	.22	3/4 x 1 1/2	.29	BC-6S33J	.033	1/2 x 1 1/4	.24
BC-2P33J	.33	3/4 x 1 1/2	.32	BC-6S47J	.047	1/2 x 1 1/2	.29
BC-2P47J	.47	7/8 x 2 1/2	.38	BC-6S68J	.068	3/4 x 1 1/2	.29
BC-2P68J	.68	7/8 x 2 1/2	.41	BC-6P1J	.01	3/8 x 1 1/2	.32
				BC-6P15J	.15	3/8 x 2 1/2	.35
				BC-6P22J	.22	3/8 x 2 1/2	.38
				BC-6P33J	.33	3/8 x 2 1/2	.41
				BC-6P47J*	.47	3/8 x 2 1/2	.41

\*Rated 400V DCWV

# CAPACITORS CORNELL DUBILIER



**SPRAGUE "ATOMS" TYPE TVA**

Compact, dry electrolytic capacitor designed for radio and TV replacement requirements. Has low leakage and can withstand high temperatures, ripple currents and surge voltages.



**CORNELL-DUBILIER "BLUE BEAVER" TYPE BBR AND BR**

Small, handy, dry electrolytic service replacement capacitors. Sealed in aluminum can with wax impregnated cardboard outer sleeve indicating polarity. Type BBR is a miniature version of type BR.

Avg. thpg. wt., 5 oz.



**AEROVOX "DANDEE" TYPE PRS**

Compact, electrolytic tubular for radio and TV applications. Etched foil design and vented for excessive gas pressures. In aluminum can with cardboard insulating sleeve.



**MALLORY TYPE TC**

Dry electrolytic capacitors for filter and audio bypass applications. Sealed in aluminum tube and having external cardboard insulating sleeve.

## SINGLE SECTION

Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BR	Aero-vox PRS	Mallory TC	Net ea.	Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BR	Aero-vox PRS	Mallory TC	Net ea.
Z60	1000	3				310	1.00	Z118	300	150			PRS	499	1.50
Z61	2000	4					1.35	Z119	4	250	1501	425	PRS		.55
Z62	50	6	1100		PRS		.55	Z120	5	250			PRS	50X	.62
Z63	100	6	1101	100-6	PRS		.71	Z121	8	250	1503	825	PRS	61	.66
Z64	250	6	1102	250-6	PRS		.79	Z122	10	250	1504		PRS	52	.71
Z65	600	6	1103	500-6	PRS	605	.91	Z123	12	250	1505	1225	PRS	53	.73
Z66	1000	6	1104	1000-6	PRS	610	1.12	Z124	16	250	1507	1625	PRS	54	.76
Z67	1500	6	1105		PRS		1.23	Z125	20	250	1508	2025	PRS	55	.79
Z68	2000	6	1106		PRS		1.35	Z126	30	250	1510	3025	PRS	56	.85
Z69	100	12	1130	2000-6	PRS		.71	Z127	40	250	1511	4025	PRS	58	.91
Z70	250	12	1131		PRS		.85	Z128	50	250		5025	PRS	59	1.00
Z71	500	12	1132		PRS		1.00	Z129	60	250		6025	PRS		1.06
Z72	1000	12	1133		PRS		1.32	Z130	4	350	1601	435	PRS		.62
Z73								Z131	5	350			PRS	60	.52
Z74	100	15	1160	100-15	PRS		.73	Z132	8	350	1603	835	PRS	61	.71
Z75	200	15				1502	.82	Z133	10	350	1604		PRS	62	.73
Z76	250	15	1181	2501	PRS		.91	Z134	12	350	1605	1235	PRS	63	.76
Z77	500	15	1162	5001	PRS	1505	1.03	Z135	16	350	1607	1635	PRS	64	.82
Z78	1000	15	1163	10001	PRS		1.35	Z136	20	350	1608	2035	PRS	65	.85
Z79	2000	15	2001				1.89	Z137	24	350			PRS		.91
Z80	2	25	201				.53	Z138	30	350	1610	3035	PRS		.97
Z81	5	25	1203				.59	Z139	40	350	1611	4035	PRS		1.03
Z82	10	25	1204	10-25	PRS	22	.59	Z140	50	350		5035	PRS		1.09
Z83	16	25					.59	Z141	60	350	1613		PRS	66	1.15
Z84	20	25		20-25	PRS		.59	Z142	80	350		145	PRS		.65
Z85	25	25	1205	25-25	PRS	28	.59	Z143	2	450	1701	245	PRS	695	.65
Z86	50	25	1206	50-25	PRS	29	.59	Z144	4	450	1702	445	PRS		.68
Z87	100	25	1207	100-25	PRS	2501	.79	Z145	5	450			PRS	70	.71
Z88	250	25	1208	2502	PRS		1.00	Z146	8	450	1704	845	PRS	71	.73
Z89	500	25	1209	5002	PRS	2508	1.35	Z147	10	450	1705	1045	PRS	72	.76
Z90	1	50	1300				.31	Z148	12	450	1706	1245	PRS	73	.79
Z91	2	50	1301				.33	Z149	16	450	1708	1645	PRS	74	.82
Z92	5	50	1303	5-50	PRS	30	.59	Z150	20	450	1709	2045	PRS	75	.91
Z93	10	50	1304	10-50	PRS	32	.59	Z151	30	450	1711	3045	PRS	77	1.00
Z94	20	50					.59	Z152	40	450	1712	4045	PRS	78	1.06
Z95	25	50	1306	25-50	PRS	36	.62	Z153	50	450		1713	PRS	79	1.23
Z96	50	50	1308				.71	Z154	60	450		1714	PRS	79	1.38
Z97	100	50	1310	1005	PRS	3501	.82	Z155	80	450	1716	8045	PRS	80	1.65
Z98	150	50	1311	1505	PRS		.91	Z156	100	450		8045	PRS	805	1.86
Z99	250	50	1312	2505	PRS	50025	1.03	Z157	10	475	1802				.79
Z100	500	50		5005			1.41	Z158	20	475	1804				.94
Z101	1	150	1402	4-150	PRS		.59	Z159	4	500		450	PRS		.71
Z102	5	150				40	.59	Z160	8	500	1902	850	PRS		.76
Z103	8	150	1405	8-150	PRS	41	.62	Z161	10	500			PRS	81	.79
Z104	10	150	1406	10-150	PRS	42	.62	Z162	12	500		1250	PRS		.82
Z105	12	150	1407	12-150	PRS	43	.65	Z163	16	500	1905	1650	PRS		.88
Z106	16	150	1409	16-150	PRS	44	.68	Z164	20	500	1908	2050	PRS	83	.94
Z107	20	150	1410	20-150	PRS	45	.71	Z165	30	500		3050	PRS	84	1.03
Z108	24	150					.73	Z166	8	600		60R	PRS		1.23
Z109	25	150		2515			.73	Z167	10	600			PRS		1.29
Z110	30	150	1412	3015	PRS	47	.76	Z168	10	600		11610	PRS		1.29
Z111	40	150	1413	4015	PRS	48	.79	Z169	12	600		612	PRS		1.41
Z112	50	150	1414	5015	PRS	48	.79	Z170	16	600		616	PRS		1.59
Z113	60	150	1418	6015	PRS	49	.82	Z171	20	600			PRS		1.59
Z114	80	150	1419	8015	PRS	49	.82	Z172	8	700		70R	PRS		1.29
Z115	100	150	1420	10015	PRS	49	1.03	Z173	10	700		710	PRS		1.38
Z116	150	150	1422	15015	PRS	49	1.12	Z174	12	700		712	PRS		1.44
Z117	200	150				49	1.29	Z175	16	700		716	PRS		1.56

## DUAL SECTION-COMMON NEGATIVE

Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BBRD	Aero-vox PRS	Mallory TCD	Net ea.	Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BBRD	Aero-vox PRS	Mallory TCD	Net ea.	
Z200	10-10	25	2210		PRS			Z201	20-20	25		2202	PRS		.82	
Z201	20-20	25			PRS			Z202	25-25	25			PRS	26	.82	
Z202	25-25	25			PRS			Z203	10-10	50	2115	115	PRS		.82	
Z203	10-10	50	2115		PRS			Z204	8-8	150	2415		PRS		.82	
Z204	8-8	150	2415		PRS			Z205	8-16	150			PRS		.91	
Z205	8-16	150			PRS			Z206	16-16	150	2420	2115	PRS		1.06	
Z206	16-16	150	2420		PRS			Z207	20-10	150			PRS	45	.91	
Z207	20-10	150			PRS			Z208	20-12	150	2425		PRS		.94	
Z208	20-12	150	2425		PRS			Z209	20-20	150	2428		PRS		.97	
Z209	20-20	150	2428		PRS			Z210	30-20	150	2421	3215	PRS		1.00	
Z210	30-20	150	2421		PRS			Z211	30-30	150	2434	3315	PRS		1.06	
Z211	30-30	150	2434		PRS			Z212	40-20	150	2408	4215	PRS	485	1.03	
Z212	40-20	150	2408		PRS			Z213	40-30	150	2442	4315	PRS	475	1.06	
Z213	40-30	150	2442		PRS			Z214	40-40	150	2445	4415	PRS	48	1.06	
Z214	40-40	150	2445		PRS			Z215	50-30	150	2450	5315	PRS		1.15	
Z215	50-30	150	2450		PRS			Z216	50-50	150	2453	5515	PRS		1.29	
Z216	50-50	150	2453		PRS			Z217	80-30	150	2460		PRS		1.29	
Z217	80-30	150	2460		PRS			Z218	80-40	150		8415	PRS	4975	1.29	
Z218	80-40	150			PRS			Z219	80-60	150			PRS	498	1.36	
Z219	80-60	150			PRS			Z220	100-100	150			PRS	2155	1.68	
Z220	100-100	150			PRS			Z221	8-8	200		101015	PRS		.86	
Z221	8-8	200			PRS			Z222	8-16	200			PRS		.94	
Z222	8-16	200			PRS			Z223	16-16	200			PRS		1.00	
Z223	16-16	200			PRS			Z224	30-30	200			PRS		1.26	
Z224	30-30	200			PRS			Z225	8-8	250		8D25	PRS	2175	.94	
Z225	8-8	250			PRS			Z226	10-10	250			PRS	52	.97	
Z226	10-10	250			PRS			Z227	16-8	250		16R25	PRS		.97	
Z227	16-8	250			PRS			Z228	16-16	250		16D25	PRS		1.00	
Z228	16-16	250			PRS			Z229	20-20	250	2515	2225	PRS	55	1.09	
Z229	20-20	250	2515		PRS			Z230	30-30	250			PRS		1.32	
Z230	30-30	250			PRS			Z231	40-10	250	2520		3325	PRS		1.32
Z231	40-10	250	2520		PRS			Z232	75-20	250		7V225	PRS		1.53	
Z232	75-20	250			PRS			Z233	80-10	250	2525			PRS		1.50
Z233	80-10	250	2525		PRS			Z234	10-10	350				PRS	02	1.00
Z234	10-10	350			PRS			Z235	20-20	350				PRS	65	1.32
Z235	20-20	350			PRS			Z236	8-8	450	2720	8D45	PRS	71	1.00	
Z236	8-8	450	2720		PRS			Z237	10-10	450	2722		PRS		1.09	
Z237	10-10	450	2722		PRS			Z238								

# MOLDED TUBULAR CAPACITORS



**SPRAGUE**  
**BLACK BEAUTY TELECAP**

**CORNELL-DUBILIER**  
**CUB TYPE**

Avg. shgp. **AEROVOX DURANITE**  
wt., 5 oz. **TYPE P88N**

**MALLORY GEM**

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z500	.02	S2	2S2	PRNN		.15
Z501	.047	S47	2S47	PRNN		.15
Z502	.05	S5	2S5	PRNN		.15
Z503	.1	P1	2P1	PRNN	201	.21
Z504	.15	P15	2P15	PRNN	2015	.21
Z505	.22	P22	2P22	PRNN	2022	.24
Z506	.25	P25	2P25	PRNN	2025	.24
Z507	.35	P35	2P35	PRNN	2035	.29
Z508	.47	P47	2P47	PRNN	2047	.35
Z509	.5	P5	2P5	PRNN	205	.35
Z510	1.0	M1	2W1	PRNN	21	.53

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z578	.058	S68	GS68	PRNN	6168	.24
Z579	.075			PRNN		.26
Z580	.1	P1	6P1	PRNN	601	.26
Z581	.15	P15	6P15	PRNN	6015	.29
Z582	.22	P22	6P22	PRNN	6022	.32
Z583	.25	P25	6P25	PRNN	6025	.32
Z584	.35	P35	6P35	PRNN	6035	.37
Z585	.47	P47	6P47	PRNN	6047	.47
Z586	.5	P5	6P5	PRNN	605	.47
Z587	1.0			PRNN		.73

Stock No.	Cap. Mfd.	Working Volts	Sprague Type	Cornell-Dubilier	Net Ea.
Z678	.0005	6000	TVM-356	6075	.78
Z679	.001	6000	TVM-216	60D1	.79
Z680	.005	6000	TVM-258	60D5	.79
Z681	.0005	10,000	TVM-361	100T5	.80
Z682	.0025	12,500	12TVM-325	125T25	1.00

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z230	.001			PRNN	421	.15
Z231	.008R			PRNN		.15
Z232	.0075			PRNN		.15
Z233	.01	S1	4S1	PRNN	411	.15
Z234	.015	S15		PRNN	4115	.15
Z235	.02	S2	4S2	PRNN	412	.15
Z236	.022	S22	4S22	PRNN	4122	.18
Z237	.025	S25		PRNN	4125	.18
Z238	.03	S3		PRNN	413	.18
Z239	.038			PRNN	4138	.18
Z240	.04	S4		PRNN	414	.18
Z241	.047	S47		PRNN	4147	.18
Z242	.05	S5		PRNN	415	.18
Z243	.06R	SCR	4S6R	PRNN	416R	.21
Z244	.1	P1	4P1	PRNN	401	.21
Z245	.15	P15	4P15	PRNN	4015	.24
Z246	.2	P2		PRNN	402	.24
Z247	.22	P22	4P22	PRNN	4022	.24
Z248	.25	P25	4P25	PRNN	4025	.24
Z249	.37	P37	4P37	PRNN	4037	.35
Z250	.47	P47		PRNN	4047	.35
Z251	1.0	P5		PRNN	405	.53

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z600	.0005	T5	10T5	PRNN	1021	.25
Z601	.001	D1	10D1	PRNN	10215	.29
Z602	.0015	D15	10D15	PRNN	10215	.29
Z603	.002	D2	10D2	PRNN	1022	.29
Z604	.0022	D22	10D22	PRNN	10222	.29
Z605	.003	D3	10D3	PRNN	1023	.29
Z606	.0033			PRNN		.29
Z607	.004	D4	10D4	PRNN	1024	.29
Z608	.0047	D47	10D47	PRNN	10247	.29
Z609	.005	D5	10D5	PRNN	1025	.29
Z610	.006	D6	10D6	PRNN	1026R	.29
Z611	.006R	D6R	10D6R	PRNN		.29
Z612	.0075			PRNN		.29
Z613	.01	S1	10S1	PRNN	1011	.29
Z614	.015	S15	10S15	PRNN	10115	.29
Z615	.02	S2	10S2	PRNN	1012	.29
Z616	.022	S22	10S22	PRNN	10122	.29
Z617	.025			PRNN		.29
Z618	.03	S3	10S3	PRNN	1013	.29
Z619	.033			PRNN	10133	.29
Z620	.04	S45	10S45	PRNN		.29
Z621	.047	S47	10S47	PRNN	10147	.35
Z622	.05	S5	10S5	PRNN	1015	.35
Z623	.06	S6	10S6	PRNN	1016R	.38
Z624	.068	S68	10S68	PRNN	10168	.38
Z625	.1	N1	10N1	PRNN		.44

Stock No.	Cap. Mfd.	Working Volts	Sprague Type	Cornell-Dubilier	Net Ea.
Z700	1EP-P25	.25	1-3/32x1-1/8"		.41
Z701	1EP-P50	.5	5/8x1-1/8"		.47

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z550	.0001	T1	6T1	PRNN		.15
Z551	.00025	T25	6T25	PRNN		.15
Z552	.0004	T4	6T4	PRNN		.15
Z553	.0006	T6	6T6	PRNN		.15
Z554	.001	D1	6D1	PRNN	621	.15
Z555	.0015	D15	6D15	PRNN	6215	.15
Z556	.002	D2	6D2	PRNN	622	.15
Z557	.0022	D22	6D22	PRNN	6222	.15
Z558	.003	D3	6D3	PRNN	623	.15
Z559	.0033	D33	6D33	PRNN	6233	.15
Z560	.004	D4	6D4	PRNN	624	.15
Z561	.0047	D47	6D47	PRNN	6247	.15
Z562	.005	D5	6D5	PRNN	625	.15
Z563	.006	D6	6D6	PRNN	626	.15
Z564	.0068	D68	6D68	PRNN	6268	.15
Z565	.007			PRNN	627	.15
Z566	.0075			PRNN		.18
Z567	.01	S1	6S1	PRNN	611	.18
Z568	.015	S15	6S15	PRNN	6115	.18
Z569	.02	S2	6S2	PRNN	612	.18
Z570	.022	S22	6S22	PRNN	6122	.18
Z571	.025			PRNN	6125	.21
Z572	.03	S3	6S3	PRNN	613	.21
Z573	.033	S33	6S33	PRNN	6133	.21
Z574	.04	S4	6S4	PRNN	614	.21
Z575	.047	S47	6S47	PRNN	6147	.24
Z576	.05	S5	6S5	PRNN	615	.24
Z577	.06	S6	6S6	PRNN	616	.24

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z640	.0005	T5	16T5	PRNN		.38
Z641	.001	D1	16D1	PRNN		.38
Z642	.0015	D15	16D15	PRNN		.38
Z643	.002	D2	16D2	PRNN		.38
Z644	.0022	D22	16D22	PRNN		.38
Z645	.003	D3	16D3	PRNN		.38
Z646	.0033	D33	16D33	PRNN		.38
Z647	.004	D4	16D4	PRNN		.38
Z648	.0047	D47	16D47	PRNN		.38
Z649	.005	D5	16D5	PRNN		.38
Z650	.006	D6	16D6	PRNN		.38
Z651	.0068	D68	16D68	PRNN		.38
Z652	.007	D7	16D7	PRNN		.38
Z653	.0075	D75	16D75	PRNN		.38
Z654	.008	D8	16D8	PRNN		.38
Z655	.01	S1	16S1	PRNN		.41
Z656	.015	S15	16S15	PRNN		.41
Z657	.02	S2	16S2	PRNN		.41
Z658	.022	S22	16S22	PRNN		.41
Z659	.025	S25		PRNN		.41
Z660	.03	S3	16S3	PRNN		.41
Z661	.033	S33		PRNN		.41
Z662	.04	S4	16S4	PRNN		.41
Z663	.05	S5	16S5	PRNN		.41

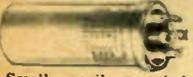
Stock No.	Cap. Mfd.	Working Volts	Sprague Type	Cornell-Dubilier	Net Ea.
Z702	2EP-D50	.005	1/4x11/16"		.21
Z703	2EP-D80	.006	1/4x11/16"		.21
Z704	2EP-S10	.01	9/32x11/16"		.26
Z705	2EP-S20	.02	9/32x13/16"		.26
Z706	2EP-S50	.05	5/16x1"		.29
Z707	2EP-P10	.1	13/32x1"		.35
Z708	2EP-P20	.2	15/32x1-1/8"		.38
Z709	2EP-P25	.25	1-7/32x1-1/8"		.41
Z710	2EP-P50	.5	5/8x1-3/8"		.47

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z680	.0001	T1	6T1	PRNN		.15
Z681	.00025	T25	6T25	PRNN		.15
Z682	.0004	T4	6T4	PRNN		.15
Z683	.0006	T6	6T6	PRNN		.15
Z684	.001	D1	6D1	PRNN	621	.15
Z685	.0015	D15	6D15	PRNN	6215	.15
Z686	.002	D2	6D2	PRNN	622	.15
Z687	.0022	D22	6D22	PRNN	6222	.15
Z688	.003	D3	6D3	PRNN	623	.15
Z689	.0033	D33	6D33	PRNN	6233	.15
Z690	.004	D4	6D4	PRNN	624	.15
Z691	.0047	D47	6D47	PRNN	6247	.15
Z692	.005	D5	6D5	PRNN	625	.15
Z693	.006	D6	6D6	PRNN	626	.15
Z694	.0068	D68	6D68	PRNN	6268	.15
Z695	.007			PRNN	627	.15
Z696	.0075			PRNN		.18
Z697	.01	S1	6S1	PRNN	611	.18
Z698	.015	S15	6S15	PRNN	6115	.18
Z699	.02	S2	6S2	PRNN	612	.18
Z700	.022	S22	6S22	PRNN	6122	.18
Z701	.025			PRNN	6125	.21
Z702	.03	S3	6S3	PRNN	613	.21
Z703	.033	S33	6S33	PRNN	6133	.21
Z704	.04	S4	6S4	PRNN	614	.21
Z705	.047	S47	6S47	PRNN	6147	.24
Z706	.05	S5	6S5	PRNN	615	.24
Z707	.06	S6	6S6	PRNN	616	.24

Stock No.	Cap. Mfd.	Working Volts	Sprague Type	Cornell-Dubilier	Net Ea.
Z711	4EP-D10	.001	1/4x11/16"		.21
Z712	4EP-D30	.003	1/4x11/16"		.21
Z713	4EP-D40	.004	1/4x11/16"		.21
Z714	4EP-D50	.005	1/4x11/16"		.21
Z715	4EP-D60	.006	1/4x11/16"		.21
Z716	4EP-S10	.01	5/16x13/16"		.24
Z717	4EP-S20	.02	5/16x1"		.26
Z718	4EP-S50	.05	3/8x1-1/8"		.29
Z719	4EP-S100	.1	15/32x1-1/8"		.35
Z720	4EP-P20	.2	5/8x1-1/8"		.41
Z721	4EP-P25	.25	5/8x1-3/8"		.46
Z722	4EP-P50	.5	5/8x1-1/2"		.50

Stock No.	Cap. Mfd.	Sprague Type	C.D. Type	Aerovox Type	Mallory Type	Net Ea.
Z723	6EP-D10	.001	1/4x11/16"		.21	
Z724	6EP-D20	.002	1/4x11/16"		.21	
Z725	6EP-D30	.003	9/32x11/16"		.21	
Z726	6EP-D40	.004	9/32x13/16"		.21	
Z727	6EP-D50	.005	9/32x13/16"		.21	
Z728	6EP-D60	.006	5/16x13/16"		.24	
Z729	6EP-D80	.008	5/16x1"		.24	
Z730	6EP-S10	.01	5/16x1"		.26	
Z731	6EP-S20	.02	17/32x1"		.29	
Z732	6EP-S50	.05	15/32x1-1/8"		.32	
Z733	6EP-P10	.1	5/8x1-1/8"		.41	
Z734	6EP-P20	.2	5/8x1-1/16"			

# TWIST PRONG CAPACITORS CORNELL-SPRAGUE-MALLORY



**CORNELL — DUBILIER**  
UP, UPT and UPE TYPES

Small, easily-mounted, round can-type electrolytic units furnished with bakelite and metal mounting washers. UPE types, designed for use in selenium rectifier circuits, have the letter X preceding their designator.

**SPRAGUE TVL TWIST-LOK**  
ELECTROLYTIC CAPACITORS

Radio and TV replacement units designed to stand up under high temperatures. A twist of the mounting tabs locks unit in place. Hermetically sealed with mounting plates.

**MALLORY**  
FP & WP TYPES

Compact, rubber-sealed aluminum cases. Type FP has fabricated plate (metal cotton gauze) anodes. Type WP has etched-plate anodes. Can is negative. Mounting prong provides negative terminal connection.

### CAPACITORS SIZE CHART

Average Shpg. wt., 8 oz.

CODE	EDIA	X H	CODE	EDIA	X H	CODE	EDIA	X H
A	1/4"	2 1/2"	G	1 1/4"	3 3/4"	N	1 1/2"	3 3/4"
B	3/8"	2 1/2"	H	1 1/2"	3 3/4"	O	1 3/4"	3 3/4"
C	1"	2 1/2"	I	1 3/4"	4 1/4"	P	1 3/4"	3 3/4"
D	1 1/8"	2 1/2"	J	1 3/4"	4 1/4"	Q	1 3/4"	3 3/4"
E	1 1/4"	2 1/2"	K	1 3/4"	4 1/4"	R	1 3/4"	3 3/4"
F	1 1/2"	2 1/2"	L	1 3/4"	4 1/4"	S	1 3/4"	3 3/4"

### SINGLE SECTION

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-FF	CD	Size S M	Net Each	Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-FF	CD	Size S M	Net Each
2813	150	50	A0150	1350			E B	1.06	2783	125	300		1580			M	2.06
2814	500	50	A0160	1340			K K	1.56	2841	150	300	XA0353	1580			L	2.06
2815	1000	50	A0170	1338			J N	2.20	2794	250	300		1584			M	3.27
2816	1500	50	A0170	1341	065		C C	2.20	2842	350	300	A0370	1584			L	3.27
2817	2000	50	A0180	1408	113		A C	.81	2843	40	350	A0380	1621			C	1.18
2818	30	150	A0200	1413	115		C C	.97	2844	50	350	A0390	1622			C	1.23
2819	50	150	A0210	1416			C C	1.09	2845	60	350	A0400	1624			D	1.29
2820	100	150	XA0221	1416			D D	1.18	2846	60	350	A0410	1624			L	1.29
2821	120	150	A0230	1423	116.5		D D	1.21	2847	125	350	XA0401	1628			K	1.64
2822	150	150	A0250	1425	116.5		J F	1.21	2848	150	350	XA0411	1632			L	2.15
2823	120	150	XA0248	1426			D E	1.21	2795	150	350	XA0415	1632			L	2.32
2824	140	150		1426			E E	1.26	2849	150	450	A0430	1705			L	.91
2825	150	150		1429			E E	1.26	2851	200	450	A0460	1711			L	1.06
2826	150	150	XA0261	1430	117		E K	1.26	2852	30	450	A0470	1720			C	1.15
2827	200	150	XA0262	1431	118		L P	1.44	2853	40	450	A0480	1725			D	1.21
2828	200	150	XA0263	1431	119		L L	1.44	2854	50	450	A0490	1728			G	1.38
2829	200	150	XA0265.3	1431	121		L L	1.65	2855	60	450	A0510	1730			L	1.38
2830	180	200		1473			L C	1.85	2856	100	450	A0512	1730			L	2.03
2831	180	200	A0270	1473			C C	1.85	2857	100	450	A0514	1760			L	2.21
2832	150	250	XA0291	1519			C C	1.46	2858	125	450	A0516	1760			L	2.21
2833	150	250	XA0312	1535			C C	1.58	2859	100	500	A0520	1940			L	.84
2834	150	250	XA0315	1540			K K	1.82	2860	10	500	A0530	1913			C	1.08
2835	150	250	XA0318	1547	126		L E	1.25	2862	38	500	XA0541	1947			L	1.18
2836	100	300	XA0331	1573	128		L E	1.71	2864	80	500	A0550	1958			L	1.88
2837	100	300	A0340	1578	129.1		L H	1.71	2865	90	500	A0570	1960			L	2.06
2838	100	300	A0350	1578			L Q	1.71								L	2.06

### SINGLE SECTION

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-FF	CD	Size S M	Net Each
2802	2000	6	A0048	1115			J J	1.50
2783	225	15	A0053	1160	035		J J	1.03
2804	1000	15	A0050	1165	039		K K	1.50
2805	2000	15	A0070	1165	041		K K	1.50
2806	3000	15	A0080	1170	042		L L	2.00
2786	4000	15	A0085	1173			L L	2.21
2807	40	25	A0090	1210	032		A C	.79
2808	150	25	A0120	1220	037		A C	1.50
2810	1000	25	A0130	1230	063		C D	2.09
2811	4	20			063		J A	.49
2812	100	50	A0140	1317			A A	.87

### DUAL SECTION

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-FF	CD	Size S M	Net Each	Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-FF	CD	Size S M	Net Each
2800	250-1000	10-6	B0650	2140	204		J J	1.68	2808	100-150	250-50	B0600	2509			L	2.20
2801	1000-1000	15	B0620	2161	204		J J	2.50	2823	20-20	250	B0110	2513	217		L	1.12
2806	1000-1000	15	B0640	2161	204		K K	2.50	2824	40-40	250	XB0241	2520	221		L	1.67
2807	500-100	20	B0645	2224	200.6		C C	1.83	2825	150-150	250-50	B0750	2535	217.7		Q	1.67
2808	100-100	30	B0680	2320	202.1		C C	1.83	2826	300-300	250-50	XB0605	2532			D	1.53
2809	50-50	50	B0685	2326	202.5		C C	1.43	2883	10-40	300-50		2537			D	1.47
2810	100-100	50	B0685	2326	202.5		C C	1.43	2884	150-100	300-150	B0604	2574			N	1.92
2811	50-50	150-35	B0574	2404			C C	1.58	2885	40-70	300	B0700	2585	218		L	1.50
2812	100-100	150	XB0691	2415	208		K K	1.58	2886	80-80	300	B0720	2585			L	1.50
2813	20-20	150	B0100	2422	211		C C	1.80	2887	120-20	300	B0780	2588	218		L	1.50
2814	30-30	150	B0120	2432	211		C C	1.09	2888	200-40	300	B0826	2635			L	1.47
2815	75-75	150	B0130	2427	211		C C	1.53	2889	40-70	350	B0790	2635	225		C	1.78
2816	40-40	150	XB0141	2428	212		C C	1.42	2890	80-80	350	B0770	2635	227.3		K	1.78
2817	50-50	150	B0150	2432	213		C C	1.10	2891	80-80	350	B0726	2634	227.35		L	1.50
2818	75-75	150	XB0161	2432	214		D D	1.10	2892	80-80	350	B0330	2635	227.6		L	1.50
2819	40-40	150	XB0165	2438	214.5		E E	1.28	2893	100-60	350		2639			L	2.28
2820	70-70	150	B0170	2440	214.5		E E	1.33	2894	100-60	350		2639			L	2.28
2821	125-100	150	XB0181	2442	215		J K	1.81	2895	100-100	350		2641			L	2.45
2822	80-80	150	XB0183	2442.4			K K	1.84	2896	100-100	350		2641			L	2.45
2823	150-80	150	XB0184.5	2443.3	215		K K	1.57	2897	35-100	400-50	B0636	2655	229		E	1.33
2824	200-50	150		2444			L M	1.79	2898	100-30	400-50	B0636	2655			L	1.33
2825	200-125	150	XB0187	2445	216.1		N M	2.20	2899	80-80	400-200	B0354	2677			L	1.82
2826	300-150	150	XB0188	2446	216.1		N M	2.00	2900	80-80	400	B0356	2679	229.5		P	1.82
2827	200-200	150	XB0189	2447	216.4		N M	2.00	2901	10-20	400	B0338	2679	229.5		Q	1.33
2828	40-60	200	B0190	2462	216.6		J L	1.50	2902	10-20	400-25	B0636	2701			C	1.33
2829	40-60	200	XB0194	2462			J L	2.06	2903	40-100	450-50	B0715	2709.3	228.8		K	1.53
2830	200-5	200	XB0196	2464			L K	1.50	2904	80-50	450-50	B0720	2710	244		L	2.70

### TRIPLE SECTION

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-FF	CD	Size S M	Net Each	Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-FF	CD	Size S M	Net Each
24000	20-20-20	25	C0010	3210			C C	1.15	21137	100-10-60	300-300-50	C0733	3274	326.4		K	2.39
21601	40-40-40	7.5	C0020	3210	520		C C	1.28	21138	140-10-60	300-300-50	C0734.3	3575	326.7		K	3.57
21603	15-15-1200	150-150-2	C0040	3410	302.1		C C	1.41	21139	100-10-100	300-300-100	C0735	3575	326.7		P	2.88
21604	40-20-200	150-150-10	C0050	3410			C C	1.41	21140	140-10-200	300-300-150	C0734	3580	326.74		Q	1.41
21605	80-																

**TWIST PRONG CAPACITORS TRIPLE SECTION (cont.)**

Stock No.	Cap. Mid.	DCWV	C. D. Type UP	Sprague Type TVL	Mallory Type WP-PP	Size CD	S	M	Net Each	Stock No.	Cap. Mid.	DCWV	C. D. Type UP	Sprague Type TVL	Mallory Type WP-PP	Size CD	S	M	Net Each
Z1164	5-80-40	450-300-300	C1231	3714.7	342.2	L	L	P	2.44	Z1180	15-15-15	450	C0254	3778.2		E	E	E	1.82
Z1165	80-80-20	450-400-200		3720	344.2	Q	J	P	3.21	Z1092	20-10-10	450	C0280	3779	376.3	E	E	E	1.71
Z1166	80-80-20	450-400-350	C1443			R	K	K	3.33	Z1093	30-20-20	450	C0280	3780	376.5	E	K	K	2.12
Z1167	20-15-10	450-350-250	C1412	3722.3	342.5	J	J	P	1.88	Z1094	30-20-20	450	C0280	3781		L	L	L	2.26
Z1054	30-40-50	450-350-250	C1414	3723	342.7	J	Q	P	2.18	Z1095	30-30-30	450	C0300	3782	378.7	L	L	L	2.57
Z1067	20-40-10	450-350-350	C1243	3724.4	343.6	K	K	L	2.08	Z1096	30-10-10	450	C0310	3790		L	L	L	2.65
Z1188	20-80-10	450-350-350	C1248	3724.5		K	L	2.50	Z1097	40-10-10	450	C0320	3792	376.8	L	L	L	2.53	
Z1070	10-10-10	450-450-25							1.41	Z1098	40-30-20	450	C0340	3785		L	L	L	2.47
Z1071	10-10-20	450-450-25	C0910	3731	345.2	C	D	C	1.42	Z1099	40-40-10	450	C0344	3786	374.9	L	N	M	2.62
Z1073	15-15-40	450-450-25	C0945	3734	345.5	D	D	C	1.62	Z1101	40-40-20	450	C0350	3787		L	L	L	2.62
Z1074	20-10-20	450-450-25	C0960	3735		D	E	D	1.59	Z1100	40-40-40	450	C0350	3788	377.2	L	N	M	2.88
Z1078	20-20-20	450-450-25	C0990	3739	345.8	E	E	D	1.78	Z1102	50-40-20	450	C0360	3789		L	N	M	2.70
Z1077	30-20-20	450-450-25	C1020	3741		E	K	L	2.89	Z1101	60-20-20	450	C0360	3789		L	N	M	2.94
Z1169	30-30-125	450-450-25	C1034	3743		L	L	L	2.33	Z1103	60-40-20	450	C0365	3791		L	N	M	3.18
Z1170	40-20-20	450-450-25	C1060	3743.7	345.3	K	K	K	2.06	Z1104	80-40-20	450	C0370	3793	374	Q	E	P	1.62
Z1078	40-40-20	450-450-25	C1070	3744	346	L	L	L	2.32	Z1104	80-50-25	475-50-25	C1446	3801	379.1	Q	E	P	2.85
Z1171	40-40-40	450-450-25	C1080	3744.2		L	L	L	2.32	Z1105	80-60-50	475-150-50	C1449	3801.5	381.1	J	J	J	2.65
Z1172	80-10-125	450-450-25	C1104	3745		L	N	M	2.59	Z1106	80-40-100	475-350-50	C1445	3807		L	L	L	1.62
Z1079	80-40-100	450-450-25	C1110	3746	364	Q	P	D	3.09	Z1186	10-4-40	475-350-250	C1444			L	L	L	2.47
Z1080	10-10-40	450-450-50	C0920	3749		D	E	E	1.47	Z1108	10-4-100	475-450-100	C1453.3	3815.3	385	L	L	L	3.24
Z1081	20-10-50	450-450-50	C0970	3749		E	E	E	1.64	Z1107	40-80-10	475-450-450	C1167	3816	385.5	L	Q	Q	2.47
Z1173	30-10-150	450-450-50	C1005	3752	366.5	K	K	K	2.86	Z1188	20-10-100	475-475-400	C1114	3819	389.1	P	P	P	3.09
Z1174	35-25-100	450-450-50	C1036	3757	367.8	L	L	L	2.33	Z1189	20-20-60	475-475-450	C0371	3822	391.1	L	L	L	2.83
Z1175	40-10-100	450-450-50	C0140	3754.2		L	L	L	2.53	Z1191	30-20-20	475	C0372	3842	396.1	L	L	L	2.79
Z1083	40-40-100	450-450-50	C1094	3754.2		N	N	M	2.53	Z1194	40-20-20	475	C0373	3842.6	396.12	L	L	L	2.63
Z1084	60-40-75	450-450-50	C1104	3756	368	N	N	M	2.71	Z1191	40-30-10	475	C0374	3843	396.14	Q	P	P	3.03
Z1176	80-20-100	450-450-50	C1108	3757	368.3	N	N	M	2.82	Z1192	40-30-30	475	C0374	3843	396.14	Q	P	P	3.03
Z1085	40-40-40	450-450-150	C1100	3758	369.1	N	N	M	2.82	Z1192	20-10-100	500-500-50	C1150			L	L	L	1.82
Z1086	40-10-80	450-450-200	C1032	3761	370	N	N	M	2.82	Z1193	50-40-20	500-500-200	C1180	3925		L	L	L	2.69
Z1177	40-10-60	450-450-200	C1102	3761	370	N	N	M	2.62	Z1193	20-20-80	500-500-450	C1162			L	L	L	2.85
Z1087	40-40-100	450-450-200	C1102	3761	370	N	N	M	2.91	Z1194	10-10-10	500	C0380	3952		Q	F	L	1.59
Z1178	40-40-80	450-450-350	C1103	3774	375.5	Q	P	D	3.27	Z1195	30-40-20	500	C0380	3956		L	L	L	2.44
Z1179	50-5-50	450-450-350	C1103.5			Q	P	D	2.58	Z1196	40-10-10	500	C0410	3965		L	L	L	3.30
Z1090	10-10-10	450	C0240	3776	375.8	D	E	P	1.53	Z1197	40-20-10	500				L	L	L	2.07

**QUADRUPLE SECTION**

Stock No.	Cap. Mid.	DCWV	C. D. Type UP	Sprague Type TVL	Mallory Type WP-PP	Size CD	S	M	Net Each	Stock No.	Cap. Mid.	DCWV	C. D. Type UP	Sprague Type TVL	Mallory Type WP-PP	Size CD	S	M	Net Each
Z1291	50-20-150-30	150-150-15-15	XD0862	4408	403	J	J	J	1.85	Z1239	10-40-100-100	450-350-250-50	D0953	4795.5	423.4	L	N	N	3.28
Z1201	20-20-100-30	150-150-25-25	XD084.4	4419.7	405.5	J	J	J	1.88	Z1260	10-100-10-20	450-350-350-25	D0750	4798	424.1	L	N	N	3.07
Z1292	50-40-100-40	150-150-25-25		4420.8		J	J	J	2.09	Z1269	10-60-40-25	450-350-350-25	D0740			L	N	N	2.68
Z1293	40-40-200-200	150-150-150-10	D0230	4413	407.5	J	J	J	1.86	Z1240	10-60-40-25	450-350-350-25	D0740			L	N	N	3.41
Z1204	60-40-20-200	150-150-150-10	D0300	4414	408	J	J	J	2.0	Z1240	10-60-40-25	450-350-350-25	D0740			L	N	N	3.52
Z1205	30-30-30-40	150-150-150-25	D0270	4417		J	J	J	1.82	Z1240	10-60-40-25	450-350-350-25	D0740			L	N	N	2.63
Z1206	40-20-20-40	150-150-150-25	D0270	4417		J	J	J	1.73	Z1242	20-15-20-20	450-450-25-25	D0890	4712	426	J	K	J	2.50
Z1206	40-20-30-20	150-150-150-25	D0240	4420	409	J	J	J	1.82	Z1270	30-20-20-20	450-450-25-25	D0810	4712.7	426.5	J	K	K	2.63
Z1295	40-40-40-20	150-150-150-25	D0250	4421		J	J	J	1.85	Z1271	20-20-40-100	450-450-150-25	D0816	4712.8	426.9	L	L	L	3.33
Z1296	40-40-40-160	150-150-150-25	D0270	4423		J	J	J	2.06	Z1271	40-40-125-125	450-450-200-50	D0810	4713	427.5	L	L	L	2.87
Z1297	50-20-20-20	150-150-150-25	D0275	4424	409.4	J	J	J	2.06	Z1272	40-40-100-60	450-450-200-50	D0820	4714	427.6	L	L	L	2.68
Z1297	50-30-30-100	150-150-150-35	D0280	4424.5		J	J	J	2.06	Z1272	35-25-20-100	450-450-200-50	D0820	4714	427.6	L	L	L	2.56
Z1208	50-50-50-20	150-150-150-25	D0290	4425	410	J	J	K	2.09	Z1273	40-40-100-60	450-450-200-50	D0814	4714.3		L	L	L	3.47
Z1210	80-40-40-20	150-150-150-25	D0325	4432	411.3	J	J	K	3.13	Z1274	40-40-30-30	450-450-350-350	D0820	4723	428.4	J	K	J	1.85
Z1209	80-40-40-20	150-150-150-25	D0325	4432	411.32	J	J	K	2.12	Z1274	10-10-10-20	450-450-450-25	D0820	4723	428.4	J	K	J	1.85
Z1211	80-40-40-100	150-150-150-25	D0330	4434		J	K	L	2.20	Z1375	20-20-20-20	450-450-450-25	D0820	4724.2		L	L	L	2.79
Z1299	100-90-200-100	150-150-150-25	D0336	4437	411.5	L	L	L	2.91	Z1376	30-30-10-125	450-450-450-25	D0855	4724.3	428.9	J	K	L	2.73
Z1300	200-40-200-10	150-150-150-75	D0338	4437	418.8	L	L	L	1.54	Z1377	40-20-20-20	450-450-450-25	D0860	4726	432	L	L	L	2.71
Z1301	40-40-40-30	150	D0010	4441		J	J	J	1.34	Z1378	40-20-20-20	450-450-450-25	D0860	4731		L	L	L	2.79
Z1302	100-80-60-40	150	D0014	4445	412	L	L	L	2.73	Z1252	40-20-20-20	450-450-450-25	D0630	4732	436	L	L	L	2.84
Z1216	100-40-10-100	250-250-250-50	D0360	4510		N	N	M	3.03	Z1254	40-20-10-20	450-450-450-25	D0640	4736		L	L	L	2.78
Z1292	20-150-150-100	300-150-150-30	D0710	4537		Q	P	D	3.12	Z1254	40-20-10-20	450-450-450-25	D0640	4736		L	L	L	2.84
Z1303	10-10-200-30	300-150-150-150	D0694	4537	417.3	R	P	P	3.15	Z1254	40-20-10-20	450-450-450-25	D0640	4736		L	L	L	2.79
Z1303	100-60-10-20	300-150-150-150	XD0694.5	4550.2	417.8	R	P	P	3.15	Z1255	40-40-40-20	450-450-450-25	D0663	4737	430.6	N	N	M	3.23
Z1305	100-60-10-20	300-200-150-50	D0929</																

# CENTRALAB CERAMIC CAPACITORS



## CERAMIC DISCS CRL ID

Ideal for by-pass coupling in high frequency circuits. All 500 WVDC. Tolerance all  $\pm 10\%$  except  $\pm 20\%$ ,  $\pm 5\%$  MAF. #GMV,  $\pm 20\%$ . Sizes range from  $\frac{1}{4}$ " to  $\frac{1}{8}$ " diam. Av. shpg. wt., 2 oz.

PART NO.	MMF	1-24	25-99	100-250	250-499	500-
10-3R1	3.3	15	119	10	054	081
10-3R2	5	15	119	10	068	085
10-640	6	15	119	10	044	089
10-680	8	15	119	10	044	089
10-7R3	7.5	15	119	10	054	084
10-9R0	9	15	119	10	042	059
10-100	10	15	119	10	062	057
10-120	12	15	119	10	050	047
10-150	15	15	119	10	050	047
10-180	18	15	119	10	050	047
10-200	20	15	119	10	050	047
10-220	22	15	119	10	050	047
10-240	24	15	119	10	050	047
10-250	25	15	119	10	050	047
10-300	30	15	119	10	050	047
10-330	33	15	119	10	050	047
10-390	39	15	119	10	050	047
10-470	47	15	119	10	050	047
10-500	50	15	119	10	050	047
10-560	56	15	119	10	050	047
10-640	64	15	119	10	050	047
10-680	68	15	119	10	050	047
10-750	75	15	119	10	050	047
10-820	82	15	119	10	050	047
10-900	90	15	119	10	050	047
10-101	100	15	119	10	050	047
10-121	120	15	119	10	050	047
10-131	130	15	119	10	054	054
10-151	150	15	119	10	054	054
10-171	170	15	119	10	048	042
10-201	200	15	119	10	048	042
10-221	220	15	119	10	058	054
10-241	240	15	119	10	068	062
10-261	260	15	119	10	068	062
10-281	280	15	119	10	068	062
10-301	300	15	119	10	068	062
10-321	320	15	119	10	068	062
10-341	340	15	119	10	068	062
10-361	360	15	119	10	068	062
10-381	380	15	119	10	068	062
10-401	400	15	119	10	068	062
10-421	420	15	119	10	068	062
10-441	440	15	119	10	068	062
10-461	460	15	119	10	068	062
10-481	480	15	119	10	068	062
10-501	500	15	119	10	068	062
10-521	520	15	119	10	068	062
10-541	540	15	119	10	068	062
10-561	560	15	119	10	068	062
10-581	580	15	119	10	068	062
10-601	600	15	119	10	068	062
10-621	620	15	119	10	068	062
10-641	640	15	119	10	068	062
10-661	660	15	119	10	068	062
10-681	680	15	119	10	068	062
10-701	700	15	119	10	068	062
10-721	720	15	119	10	068	062
10-741	740	15	119	10	068	062
10-761	760	15	119	10	068	062
10-781	780	15	119	10	068	062
10-801	800	15	119	10	068	062
10-821	820	15	119	10	068	062
10-841	840	15	119	10	068	062
10-861	860	15	119	10	068	062
10-881	880	15	119	10	068	062
10-901	900	15	119	10	068	062
10-921	920	15	119	10	068	062
10-941	940	15	119	10	068	062
10-961	960	15	119	10	068	062
10-981	980	15	119	10	068	062
10-1001	1000	15	119	10	068	062
10-1021	1020	15	119	10	068	062
10-1041	1040	15	119	10	068	062
10-1061	1060	15	119	10	068	062
10-1081	1080	15	119	10	068	062
10-1101	1100	15	119	10	068	062
10-1121	1120	15	119	10	068	062
10-1141	1140	15	119	10	068	062
10-1161	1160	15	119	10	068	062
10-1181	1180	15	119	10	068	062
10-1201	1200	15	119	10	068	062
10-1221	1220	15	119	10	068	062
10-1241	1240	15	119	10	068	062
10-1261	1260	15	119	10	068	062
10-1281	1280	15	119	10	068	062
10-1301	1300	15	119	10	068	062
10-1321	1320	15	119	10	068	062
10-1341	1340	15	119	10	068	062
10-1361	1360	15	119	10	068	062
10-1381	1380	15	119	10	068	062
10-1401	1400	15	119	10	068	062
10-1421	1420	15	119	10	068	062
10-1441	1440	15	119	10	068	062
10-1461	1460	15	119	10	068	062
10-1481	1480	15	119	10	068	062
10-1501	1500	15	119	10	068	062
10-1521	1520	15	119	10	068	062
10-1541	1540	15	119	10	068	062
10-1561	1560	15	119	10	068	062
10-1581	1580	15	119	10	068	062
10-1601	1600	15	119	10	068	062
10-1621	1620	15	119	10	068	062
10-1641	1640	15	119	10	068	062
10-1661	1660	15	119	10	068	062
10-1681	1680	15	119	10	068	062
10-1701	1700	15	119	10	068	062
10-1721	1720	15	119	10	068	062
10-1741	1740	15	119	10	068	062
10-1761	1760	15	119	10	068	062
10-1781	1780	15	119	10	068	062
10-1801	1800	15	119	10	068	062
10-1821	1820	15	119	10	068	062
10-1841	1840	15	119	10	068	062
10-1861	1860	15	119	10	068	062
10-1881	1880	15	119	10	068	062
10-1901	1900	15	119	10	068	062
10-1921	1920	15	119	10	068	062
10-1941	1940	15	119	10	068	062
10-1961	1960	15	119	10	068	062
10-1981	1980	15	119	10	068	062
10-2001	2000	15	119	10	068	062
10-2021	2020	15	119	10	068	062
10-2041	2040	15	119	10	068	062
10-2061	2060	15	119	10	068	062
10-2081	2080	15	119	10	068	062
10-2101	2100	15	119	10	068	062
10-2121	2120	15	119	10	068	062
10-2141	2140	15	119	10	068	062
10-2161	2160	15	119	10	068	062
10-2181	2180	15	119	10	068	062
10-2201	2200	15	119	10	068	062
10-2221	2220	15	119	10	068	062
10-2241	2240	15	119	10	068	062
10-2261	2260	15	119	10	068	062
10-2281	2280	15	119	10	068	062
10-2301	2300	15	119	10	068	062
10-2321	2320	15	119	10	068	062
10-2341	2340	15	119	10	068	062
10-2361	2360	15	119	10	068	062
10-2381	2380	15	119	10	068	062
10-2401	2400	15	119	10	068	062
10-2421	2420	15	119	10	068	062
10-2441	2440	15	119	10	068	062
10-2461	2460	15	119	10	068	062
10-2481	2480	15	119	10	068	062
10-2501	2500	15	119	10	068	062
10-2521	2520	15	119	10	068	062
10-2541	2540	15	119	10	068	062
10-2561	2560	15	119	10	068	062
10-2581	2580	15	119	10	068	062
10-2601	2600	15	119	10	068	062
10-2621	2620	15	119	10	068	062
10-2641	2640	15	119	10	068	062
10-2661	2660	15	119	10	068	062
10-2681	2680	15	119	10	068	062
10-2701	2700	15	119	10	068	062
10-2721	2720	15	119	10	068	062
10-2741	2740	15	119	10	068	062
10-2761	2760	15	119	10	068	062
10-2781	2780	15	119	10	068	062
10-2801	2800	15	119	10	068	062
10-2821	2820	15	119	10	068	062
10-2841	2840	15	119	10	068	062
10-2861	2860	15	119	10	068	062
10-2881	2880	15	119	10	068	062
10-2901	2900	15	119	10	068	062
10-2921	2920	15	119	10	068	062
10-2941	2940	15	119	10	068	062
10-2961	2960	15	119	10	068	062
10-2981	2980	15	119	10	068	062
10-3001	3000	15	119	10	068	062
10-3021	3020	15	119	10	068	062
10-3041	3040	15	119	10	068	062
10-3061	3060	15	119	10	068	062
10-3081	3080	15	119	10	068	062
10-3101	3100	15	119	10	068	062
10-3121	3120	15	119	10	068	062
10-3141	3140	15	119	10	068	062
10-3161	3160	15	119	10	068	062
10-3181	3180	15	119	10	068	062
10-3201	3200	15	119	10	068	062
10-3221	3220	15	119	10	068	062
10-3241	3240	15	119	10	068	062
10-3261	3260	15	119	10	068	062
10-3281	3280	15	119	10	068	062
10-3301	3300	15	119	10	068	062
10-3321	3320	15	119	10	068	062
10-3341	3340	15	119	10	068	062
10-3361	3360	15	119	10	068	062
10-3381	3380	15	119			

# CENTRALAB CERAMIC CAPACITORS

## TYPE D6 TUBULAR BC HI-KAPS

Small ceramic capacitors providing extensive operation under extremes of moisture, temperature, and vibration. Compact and mechanically strong, make ideal replacement for old style mica and paper tubular units. Radial leads 1/2" long. Rated 600 V., test 1200 V. Tolerance  $\pm 10\%$ , except  $\pm .5$  mmf and  $\pm .20\%$ , GMV. Size approximately 1/2" body diameter varying in length from 1/8" to 1-3/16". Av. shpg. wt., 2 ozs.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
D6-030	3	15	119	10	084	051
D6-050	5	15	119	10	069	065
D6-100	10	15	119	10	061	057
D6-120	12	15	119	10	050	047
D6-150	15	15	119	10	050	047
D6-180	18	15	119	10	050	047
D6-200	20	15	119	10	050	047
D6-220	22	15	119	10	050	047
D6-250	25	15	119	10	050	047
D6-270	27	15	119	10	050	047
D6-300	30	15	119	10	050	047
D6-330	33	15	119	10	050	047
D6-390	39	15	119	10	050	047
D6-400	40	15	119	10	050	047
D6-470	47	15	119	10	050	047
D6-500	50	15	119	10	050	047
D6-560	56	15	119	10	050	047
D6-680	68	15	119	10	050	047
D6-750	75	15	119	10	050	047
D6-820	82	15	119	10	050	047
D6-910	91	15	119	10	050	047
D6-101	101	15	119	10	050	047
D6-121	120	15	119	10	050	047

## CERAMIC-DIELECTRIC TRIMMER CAPACITORS

TYPE 820 Conveniently mounted, wide capacity range units. Rated 600 VDCV, test 1500 VDC. Mounting holes clear #4 machine screws. Size: 1/2" x 27/32". Shpg. wt., 1 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
820-A	2.5-6	.71	.57	.48	.47	.368
820-B	8-20	.71	.57	.48	.47	.368
820-C	7-35	.71	.57	.48	.47	.368
820-D	1-3.5	.71	.57	.48	.47	.368
820-E	3.5-55	.71	.57	.48	.47	.368
820-F	55-75	.71	.57	.48	.47	.368
820-G	75-80	.71	.57	.48	.47	.368

TYPE 822 TRIMMER Types with N indicate negative temperature coefficient; Z indicates zero coefficient. Steatite base. Rated 600 VDCV. Shpg. wt., 1 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
822-AN	8-50	.88	.713	.60	.55	.45
822-AZ	4.5-25	.88	.713	.60	.55	.45
822-BN	7-45	.88	.713	.60	.55	.45
822-BZ	2.5-20	.88	.713	.60	.55	.45
822-CN	4.5-25	.88	.713	.60	.55	.45
822-CZ	2-7.5	.88	.713	.60	.55	.45
822-ON	2-6	.88	.713	.60	.55	.45
822-OZ	1.5-3	.88	.713	.60	.55	.45
822-EN	4-30	.88	.713	.60	.55	.45
822-EZ	1.5-7	.88	.713	.60	.55	.45
822-FZ	3-42	.88	.713	.60	.55	.45

TYPE 823 TRIMMER Steatite body trimmers. Rating 600 VDCV, 1200 VDC test. All are zero temp. coeff. except\* neg. 650 TC. Shpg. wt., 3 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
823-AN*	20-125	2.06	1.65	1.65	1.65	1.43
823-AZ*	12-60	2.06	1.65	1.65	1.65	1.43
823-BN*	10-100	2.06	1.65	1.65	1.65	1.43
823-BZ*	10-30	2.06	1.65	1.65	1.65	1.43
823-ON*	8-30	2.06	1.65	1.65	1.65	1.43
823-OZ*	6-25	2.06	1.65	1.65	1.65	1.43
823-EN*	8-25	2.06	1.65	1.65	1.65	1.43
823-EZ*	5-12	2.06	1.65	1.65	1.65	1.43
823-FN*	3-15	2.06	1.65	1.65	1.65	1.43

TYPE 827 TRIMMER Ceramic molded phenolic body. Rated at 600 VDCV. Power factor is less than .2% at 1 mc. Shpg. wt., 2 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
827-A	2.5-7	.73	.594	.50	.37	.345
827-B	3.5-12	.73	.594	.50	.37	.345
827-C	6-30	.73	.594	.50	.37	.345
827-D	7-35	.73	.594	.50	.37	.345

TYPE 833 TRIMMER Units with \* approved per MIL-C-81A. Units with † made to meet MIL-C-81A. Approval pending. Steatite body trimmers. Silver rotor and stator plates. 600 VDCV, 1200 VDC test. 4-1/64" x 27/32". All units have zero temp. coefficient except \* or negative TC. Shpg. wt., 2 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
833-EZ-*	1.5-7	1.47	1.19	1.00	.625	.525
833-FZ-†	3-12	1.47	1.19	1.00	.625	.525
833-AZ-†	4.5-25	1.47	1.19	1.00	.625	.525
833-ON-*	2-8	1.47	1.19	1.00	.625	.525
833-EN-†	4-30	1.47	1.19	1.00	.625	.525
833-FN-†	7-45	1.47	1.19	1.00	.625	.525

TYPE 829 TUBULAR TRIMMER Mounted by locknut against metal panel or chassis. 600 volts working. Shpg. wt., 1 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
829-3	5-3	.29	.238	.20	.088	.084
829-4	1-4	.29	.238	.20	.088	.084
829-6	1-6	.29	.238	.20	.088	.084
829-7	1-7.5	.35	.285	.24	.083	.078
829-10	1.5-10	.35	.285	.24	.083	.078

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
08-151	150	15	119	10	058	054
08-181	180	15	119	10	066	062
08-201	200	15	119	10	066	062
08-221	220	15	119	10	058	054
08-251	250	15	119	10	066	062
08-271	270	15	119	10	066	062
08-301	300	15	119	10	066	062
08-331	330	15	119	10	066	062
08-391	390	15	119	10	069	065
08-401	400	15	119	10	069	065
08-471	470	15	119	10	061	057
08-501	500	15	119	10	061	057
08-561	560	15	119	10	061	057
08-681	680	15	119	10	048	045
08-751	750	15	119	10	048	045
08-821	820	15	119	10	048	045
08-102*	1000	15	119	10	048	045
08-122*	1200	15	119	10	048	045
08-152*	1500	15	119	10	048	045
08-182*	1800	15	119	10	048	045
08-202*	2000	15	119	10	048	045
08-222*	2200	15	119	10	048	045
08-252*	2500	15	119	10	050	047
08-272*	2700	15	119	10	050	047
08-302*	3000	15	119	10	050	047
08-332*	3300	15	119	10	043	041
08-402*	4000	15	119	10	050	047
08-472*	4700	15	119	10	041	041
08-502*	5000	15	119	10	050	047
08-562*	5600	32	262	22	152	143
08-682*	6800	32	262	22	152	143
08-752*	7500	32	262	22	152	143
08-103*	101	32	262	22	152	143

## LOW VOLTAGE CAPACITORS — FOR TRANSISTOR APPLICATIONS

Designed to meet the demands for high capacity-low voltage ceramic capacitors in transistor circuit applications.

TYPE DA PLATE CAPACITORS  
Size 1 1/2" square, 30 VDCV — 50VDC test, tol.  $\pm 100\%$ . Shpg. wt., 1 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
DA-203	.02	.23	.19	.16	.115	.108
DA-403	.05	.35	.30	.26	.200	.188
DA-104	1	.56	.45	.38	.280	.263

TYPE DDA DISC CAPACITORS  
Size 1/2" diameter. 75VDCV-150VDC test, tol.  $\pm 80-30\%$ . Shpg. wt., 2 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
DDA-503	.05	.29	.238	.20	.109	.112
DDA-104	1	.53	.428	.36	.224	.210

TYPE DM MIN-KAPS  
Miniature plate capacitors 17/32" long, 7/32" wide, 7/64" thick. Triple Durez insulated. Stamped with capacity. 150 VDCV-300VDC test.  $\pm 50-20\%$  tolerance, all others are  $\pm 80-20\%$ . Shpg. wt., 1 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
DM-101*	.0001	.20	168	.14	.096	.090
DM-101*	.0002	.20	168	.14	.096	.090
DM-101*	.0003	.20	168	.14	.096	.090
DM-101*	.0004	.20	168	.14	.096	.090
DM-102*	.001	.28	214	.18	.120	.113
DM-102*	.002	.26	214	.18	.120	.113
DM-102*	.003	.26	214	.18	.120	.113
DM-102*	.005	.23	214	.18	.120	.113
DM-103	.01	.38	309	.26	.240	.225
DM2-502	2X.005	.53	.428	.36	.240	.225

TYPE DDM DISC CAPACITORS  
Size 3/8" diameter, 150VDCV-300VDC test, tol.  $\pm 60-40\%$ . Shpg. wt., 2 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
DDM-201	.02	53	428	36	240	225
DDM-502	.05	29	238	20	115	108
DDM-103	.01	29	238	20	115	108
DDM2-103	2X.01	53	428	36	240	225

TYPE UK and UK10 ULTRA-KAPS  
Miniature ceramic disc capacitors for transistor circuit applications. Ideally suited for any low voltage use requiring extremely high capacities and low power factors. Type UK rated 3 VDC working, GMV tolerance. Type UK10 rated 10VDC working, tol.  $\pm 80-20\%$ . Shpg. wt., 2 oz.

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
UK-104	1	53	428	36	240	225
UK-224	2	53	428	36	240	225
UK-474	4.7	32	262	22	144	135
UK-105	1.0	44	362	30	208	198
UK-225	2.2	53	428	36	240	225

TYPE UK10  
NET PRICE

PART NO.	CAPACITY MMF.	NET PRICE				
		1-24	25-99	100-249	250-499	500-999
UK10-503	.05	32	262	22	.091	.086
UK10-104	1	32	262	22	.096	.090
UK10-204	2	44	362	30	168	158
UK10-474	4.7	53	428	36	.210	.198

## CRL TEMPERATURE COMPENSATED 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 compensates for the temperature variation. 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

Tolerances are as follows: 5-3.3 are  $\pm .25$  mmf, 4.7-10 are  $\pm .5$  mmf 12-100 are  $\pm 2\%$ , 110-300 are  $\pm 5\%$ .

PART NO.	CAPACITY MMF.	SIZE	NET PRICE				
			1-24	25-99	100-249	250-499	500-999
TCZ-R5	.5	A	29	238	20	056	053
TCZ-R68	.68	A					

# TEXAS INSTRUMENT SOLID TANTALUM ELECTROLYTIC CAPACITORS



Series SRM tan-TI-cap

## SOLID TANTALUM ELECTROLYTIC CAPACITORS

These Capacitors provide any user with the most compact highest-quality electrolytics available. They are made to equal or exceed (in most respects) the requirements of existing or proposed military specifications. Numbers MIL-C-55057 (Signal Corps) MIL-C21720 (Ships), and MIL-C-26655 (USAF). Tolerances  $\pm 10\%$ . Temperature ranges -80 to +125°C. Size Code: 8=0.173 D x 0.438 L. F=0.125 D x 0.250 L. G=0.279 D x 0.650 L. H=0.341 D x 0.750 L. Avg. Shpg. wt., 3 ozs. Polar operator

6 Volts DC				
TYPE NO.	Case Size	CAP.	1-24	25 and up
SRM105FP006A2	F	1.0 mfd	3.53	\$2.12
SRM125FP006A2	F	1.2 mfd	3.53	2.12
SRM155FP006A2	F	1.5 mfd	3.53	2.12
SRM185FP006A2	F	1.8 mfd	3.53	2.12
SRM225FP006A2	F	2.2 mfd	3.53	2.12
SRM275FP006A2	F	2.7 mfd	3.53	2.12
SRM335FP006A2	F	3.3 mfd	3.53	2.12
SRM395FP006A2	F	3.9 mfd	3.53	2.12
SRM475FP006A2	F	4.7 mfd	3.53	2.12
SRM565FP006A2	F	5.6 mfd	3.53	2.12
SRM685FP006A2	F	6.8 mfd	3.53	2.12
SRM825FP006A2	B	8.2 mfd	3.73	2.24
SRM1068FP006A2	B	10 mfd	3.73	2.24
SRM1268FP006A2	B	12 mfd	3.73	2.24
SRM1568FP006A2	B	15 mfd	3.73	2.24
SRM1868FP006A2	B	18 mfd	3.73	2.24
SRM2268FP006A2	B	22 mfd	3.73	2.24
SRM2768FP006A2	B	27 mfd	3.73	2.24
SRM3368FP006A2	B	33 mfd	3.73	2.24
SRM3968FP006A2	B	39 mfd	3.73	2.24
SRM4768FP006A2	B	47 mfd	3.73	2.24
SRM5668FP006A2	B	56 mfd	3.73	2.24
SRM6868FP006A2	G	68 mfd	5.75	3.45
SRM8268FP006A2	G	82 mfd	5.75	3.45
SRM10768FP006A2	G	100 mfd	5.75	3.45
SRM12768FP006A2	G	120 mfd	5.75	3.45
SRM15768FP006A2	G	150 mfd	5.75	3.45
SRM18768FP006A2	G	180 mfd	5.75	3.45
SRM22768FP006A2	H	220 mfd	10.78	6.47
SRM27768FP006A2	H	270 mfd	10.78	6.47
SRM33768FP006A2	H	330 mfd	10.78	6.47
SRM105FP010A2	F	1.0 mfd	3.53	2.12
SRM125FP010A2	F	1.2 mfd	3.53	2.12
SRM155FP010A2	F	1.5 mfd	3.53	2.12

### 10 Volts DC

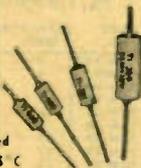
TYPE NO.	Case Size	CAP.	1-24	25 and up
SRM105FP010A2	F	1.0 mfd	3.53	2.12
SRM125FP010A2	F	1.2 mfd	3.53	2.12
SRM155FP010A2	F	1.5 mfd	3.53	2.12



## TEXAS INSTRUMENTS

tan-TI-cap

### SOLID TANTALUM ELECTROLYTIC CAPACITORS



Small size • Hermetic seal • Ruggedized  
to 35 V • 4 to 200 uf • -80°C to +85°C

These "tan-TI-cap" capacitors from Texas Instruments are designed for applications which require small physical size. Stability of characteristic over full temperature range (-80 to +85°C), extremely low leakage current, long operating and storage life. The superlative performance is based on the fact that the electrode is made with tantalum, the most stable of all anode film forming material. These capacitors can be mounted in any position, and will withstand low and high frequency vibration. Ideal for transistorized equipment, coupling transistor stages, RC timing circuits, power supplies, and etc.

Tolerance  $\pm 2\%$ ; avgs. shpg. wt., 3 oz; polar operation. Case sizes: 8=0.173 D x 0.438 L. F=0.125 D x 0.250 L. G=0.279 D x 0.650 L. H=0.341 D x 0.750 L.

### 6 Volts DC

TYPE NO.	Case Size	CAP.	1-24	25 and up
SRM105FP006A4	F	1.0 mfd	2.13	1.28
SRM125FP006A4	F	1.2 mfd	2.13	1.28
SRM155FP006A4	F	1.5 mfd	2.13	1.28
SRM185FP006A4	F	1.8 mfd	2.13	1.28
SRM225FP006A4	F	2.2 mfd	2.13	1.28
SRM275FP006A4	F	2.7 mfd	2.13	1.28
SRM335FP006A4	F	3.3 mfd	2.13	1.28
SRM395FP006A4	F	3.9 mfd	2.13	1.28
SRM475FP006A4	F	4.7 mfd	2.13	1.28
SRM565FP006A4	F	5.6 mfd	2.13	1.28
SRM685FP006A4	B	6.8 mfd	2.13	1.28
SRM825FP006A4	B	10 mfd	2.25	1.35
SRM1068FP006A4	B	15 mfd	2.25	1.35
SRM1268FP006A4	B	22 mfd	2.25	1.35
SRM1568FP006A4	B	33 mfd	2.25	1.35

TYPE NO.	Case Size	CAP.	1-24	25 and up
SRM185FP010A2	F	1.8 mfd	3.53	2.12
SRM225FP010A2	F	2.2 mfd	3.53	2.12
SRM275FP010A2	F	2.7 mfd	3.53	2.12
SRM335FP010A2	F	3.3 mfd	3.53	2.12
SRM395FP010A2	F	3.9 mfd	3.53	2.12
SRM475FP010A2	F	4.7 mfd	3.53	2.12
SRM565FP010A2	B	5.6 mfd	3.73	2.24
SRM685FP010A2	B	6.8 mfd	3.73	2.24
SRM825FP010A2	B	8.2 mfd	3.73	2.24
SRM1068FP010A2	B	10 mfd	3.73	2.24
SRM1268FP010A2	B	12 mfd	3.73	2.24
SRM1568FP010A2	B	15 mfd	3.73	2.24
SRM1868FP010A2	B	18 mfd	3.73	2.24
SRM2268FP010A2	B	22 mfd	3.73	2.24
SRM2768FP010A2	B	27 mfd	3.73	2.24
SRM3368FP010A2	B	33 mfd	3.73	2.24
SRM3968FP010A2	B	39 mfd	3.73	2.24
SRM4768FP010A2	G	47 mfd	5.75	3.45
SRM5668FP010A2	G	56 mfd	5.75	3.45
SRM6868FP010A2	G	68 mfd	5.75	3.45
SRM8268FP010A2	G	82 mfd	5.75	3.45
SRM10768FP010A2	G	100 mfd	5.75	3.45
SRM12768FP010A2	G	120 mfd	5.75	3.45
SRM15768FP010A2	G	150 mfd	10.78	6.47
SRM18768FP010A2	H	180 mfd	10.78	6.47
SRM22768FP010A2	H	220 mfd	10.78	6.47

### 15 Volts DC

TYPE NO.	Case Size	CAP.	1-24	25 and up
SRM105FP015A2	F	1.0 mfd	3.53	2.12
SRM125FP015A2	F	1.2 mfd	3.53	2.12
SRM155FP015A2	F	1.5 mfd	3.53	2.12
SRM185FP015A2	F	1.8 mfd	3.53	2.12
SRM225FP015A2	F	2.2 mfd	3.53	2.12
SRM275FP015A2	F	2.7 mfd	3.53	2.12
SRM335FP015A2	F	3.3 mfd	3.53	2.12
SRM395FP015A2	B	3.9 mfd	3.73	2.24
SRM475FP015A2	B	4.7 mfd	3.73	2.24
SRM565FP015A2	B	5.6 mfd	3.73	2.24
SRM685FP015A2	B	6.8 mfd	3.73	2.24
SRM825FP015A2	B	8.2 mfd	3.73	2.24
SRM1068FP015A2	B	10 mfd	3.73	2.24
SRM1268FP015A2	B	12 mfd	3.73	2.24
SRM1568FP015A2	B	15 mfd	3.73	2.24
SRM1868FP015A2	B	18 mfd	3.73	2.24
SRM2268FP015A2	B	22 mfd	3.73	2.24
SRM2768FP015A2	B	27 mfd	3.73	2.24
SRM3368FP015A2	G	33 mfd	5.75	3.45
SRM3968FP015A2	G	39 mfd	5.75	3.45
SRM4768FP015A2	G	47 mfd	5.75	3.45
SRM5668FP015A2	G	56 mfd	5.75	3.45
SRM6868FP015A2	G	68 mfd	5.75	3.45
SRM8268FP015A2	H	82 mfd	10.78	6.47
SRM10768FP015A2	H	100 mfd	10.78	6.47
SRM12768FP015A2	H	120 mfd	10.78	6.47
SRM15768FP015A2	H	150 mfd	10.78	6.47

20 Volts DC				
TYPE NO.	Case Size	CAP.	1-24	25 and up
SRM105FP020A2	F	1.0 mfd	3.53	2.12
SRM125FP020A2	F	1.2 mfd	3.53	2.12
SRM155FP020A2	F	1.5 mfd	3.53	2.12
SRM185FP020A2	F	1.8 mfd	3.53	2.12
SRM225FP020A2	F	2.2 mfd	3.53	2.12
SRM275FP020A2	B	2.7 mfd	3.73	2.24
SRM335FP020A2	B	3.3 mfd	3.73	2.24
SRM395FP020A2	B	3.9 mfd	3.73	2.24
SRM475FP020A2	B	4.7 mfd	3.73	2.24
SRM565FP020A2	B	5.6 mfd	3.73	2.24
SRM685FP020A2	B	6.8 mfd	3.73	2.24
SRM825FP020A2	B	8.2 mfd	3.73	2.24
SRM1068FP020A2	B	10 mfd	3.73	2.24
SRM1268FP020A2	B	12 mfd	3.73	2.24
SRM1568FP020A2	B	15 mfd	3.73	2.24
SRM1868FP020A2	G	18 mfd	5.75	3.45
SRM2268FP020A2	G	22 mfd	5.75	3.45
SRM2768FP020A2	G	27 mfd	5.75	3.45
SRM3368FP020A2	G	33 mfd	5.75	3.45
SRM3968FP020A2	G	39 mfd	5.75	3.45
SRM4768FP020A2	G	47 mfd	5.75	3.45
SRM5668FP020A2	G	56 mfd	10.78	6.47
SRM6868FP020A2	H	68 mfd	10.78	6.47
SRM8268FP020A2	H	82 mfd	10.78	6.47
SRM10768FP020A2	H	100 mfd	10.78	6.47
SRM12768FP020A2	H	120 mfd	10.78	6.47

35 Volts DC				
TYPE NO.	Case Size	CAP.	1-24	25 and up
SRM105FP035A2	F	1.0 mfd	3.53	2.12
SRM125FP035A2	B	1.2 mfd	3.73	2.24
SRM155FP035A2	B	1.5 mfd	3.73	2.24
SRM185FP035A2	B	1.8 mfd	3.73	2.24
SRM225FP035A2	B	2.2 mfd	3.73	2.24
SRM275FP035A2	B	2.7 mfd	3.73	2.24
SRM335FP035A2	B	3.3 mfd	3.73	2.24
SRM395FP035A2	B	3.9 mfd	3.73	2.24
SRM475FP035A2	B	4.7 mfd	3.73	2.24
SRM565FP035A2	B	5.6 mfd	3.73	2.24
SRM685FP035A2	B	6.8 mfd	3.73	2.24
SRM825FP035A2	G	8.2 mfd	5.75	3.45
SRM1068FP035A2	G	10 mfd	5.75	3.45
SRM1268FP035A2	G	12 mfd	5.75	3.45
SRM1568FP035A2	G	15 mfd	5.75	3.45
SRM1868FP035A2	G	18 mfd	5.75	3.45
SRM2268FP035A2	G	22 mfd	5.75	3.45
SRM2768FP035A2	H	27 mfd	10.78	6.47
SRM3368FP035A2	H	33 mfd	10.78	6.47
SRM3968FP035A2	H	39 mfd	10.78	6.47
SRM4768FP035A2	H	47 mfd	10.78	6.47

## INSULATING SLEEVES

Both flexible and rigid insulating sleeves for SRM and SCM series are available at an additional charge of .05 ea. Specify case size and type of insulator when ordering.

TYPE NO.	Case Size	CAP.	1-24	25 and up
SCM4768HP006A4	B	47 mfd	2.25	1.35
SCM6868HP006A4	G	68 mfd	3.48	2.09
SCM10768HP006A4	G	100 mfd	3.48	2.09
SCM15768HP006A4	H	150 mfd	3.48	2.09
SCM22768HP006A4	H	220 mfd	6.53	3.92
SCM33768HP006A4	H	330 mfd	6.53	3.92

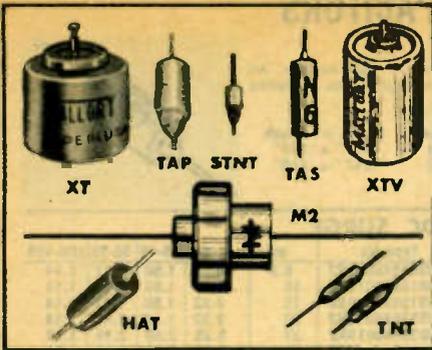
TYPE NO.	Case Size	CAP.	1-24	25 and up
SCM4768HP015A4	G	47 mfd	3.48	2.09
SCM6868HP015A4	H	68 mfd	3.48	2.09
SCM10768HP015A4	H	100 mfd	6.53	3.92
SCM15768HP015A4	H	150 mfd	6.53	3.92

10 Volts DC				
TYPE NO.	Case Size	CAP.	1-24	25 and up
SCM105FP010A4	F	1.0 mfd	2.13	1.28
SCM125FP010A4	F	1.2 mfd	2.13	1.28
SCM155FP010A4	F	1.5 mfd	2.13	1.28
SCM185FP010A4	F	1.8 mfd	2.13	1.28
SCM225FP010A4	F	2.2 mfd	2.13	1.28
SCM275FP010A4	F	2.7 mfd	2.13	1.28
SCM335FP010A4	F	3.3 mfd	2.13	1.28
SCM395FP010A4	B	3.9 mfd	2.25	1.35
SCM475FP010A4	B	4.7 mfd	2.25	1.35
SCM565FP010A4	B	5.6 mfd	2.25	1.35
SCM685FP010A4	B	6.8 mfd	2.25	1.35
SCM825FP010A4	B	10 mfd	2.25	1.35
SCM1068FP010A4	B	15 mfd	2.25	1.35
SCM1268FP010A4	B	22 mfd	2.25	1.35
SCM1568FP010A4	B	33 mfd	2.25	1.35
SCM1868FP010A4	G	47 mfd	3.48	2.09
SCM2268FP010A4	G	68 mfd	3.48	2.09
SCM2768FP010A4	G	100 mfd	3.48	2.09
SCM3368FP010A4	H	150 mfd	6.53	3.92
SCM3968FP010A4	H	220 mfd	6.53	3.92

20 Volts DC				
TYPE NO.	Case Size			

# MALLORY TANTALUM CAPACITORS

## TAN-SOL SOLID ELECTROLYTICS



### TYPE TAP SILVERLYTIC

Double-sealed. Temp. range: -55°C to +85°C. Tol. -15% to +75%. Sizes 7/32 x 1/4 (Dia XL). Av. wt., 2 ozs.

TYPE	MFD	VDC	TYPE	MFD	VDC
TAP 90-2	2	90	TAP 25-10	10	25
TAP 75-3.5	3.5	75	TAP 20-12	12	20
TAP 60-4	4	60	TAP 15-15	15	15
TAP 50-5	5	50	TAP 10-20	20	10
TAP 40-6	6	40	TAP 6-30	30	6
TAP 30-8	8	30			

1-24, EACH ..... 2.25      50-99, EACH ..... 1.58  
25-49, EACH ..... 1.80      100-249, EACH ..... 1.35

### TYPE TAP-2

Same as TAP, except Will Pass 2000 cycle 15G MIL-C-39658 Vibration requirement. Max. length .600. Av. shpg. wt., 5 oz.

TYPE	MFD	VDC	TYPE	MFD	VDC
TAP211-90	90	11	TAP240-30	30	40
TAP215-75	75	15	TAP20-15	15	70
TAP220-60	60	20	TAP2100-30	10	100
TAP225-50	50	25	TAP2140-6	6	140
TAP230-40	40	30			

1-24 EACH ..... 3.92      50-99 EACH ..... 2.74  
25-49 EACH ..... 3.13      100-249 EACH ..... 2.35

### M2 HIGH TEMPERATURE CAPACITORS

The M2 is interchangeable with other units now in use, and offers many advantages. FEATURES: Operating temperature—up to 150°C. Smaller body, .287 maximum. Higher operating voltage rating at 125°C. True hermetic seal (glass-to-metal)—no leakage of electrolyte.

Part No.	Mfd	VDC Working Voltage		
		85°C	125°C	150°C
M2-11	11	90	80	75
M2-15	15	75	67	62
M2-20	20	60	50	48
M2-25	25	50	42	40
M2-40	40	30	25	23
M2-70	70	15	13	12
M2-100	100	10	8	7
M2-140	140	6	5	4

### TYPE HAT

The smallest tantalum sintered pellet anode capacitors made. Designed primarily for hearing aids and other microminiature transistor circuitry. Offers low power factor and leakage current of less than 1.0 µa. Leads are welded and positive lead is supported by a plastic end seal. Axial leads terminals. Temperature range, -20° to 85°C. Size: Length—210' max., diameter—.075' max. Color coded epoxy resin seal. Av. shpg. wt., 1 oz.

TYPE	Mfd	W.V.	1-24	25-49	50-99	100-249
HAT2-B	2	8	1.02	.90	.79	.675
HAT4-A	4	4	1.02	.90	.79	.675
HAT8-2	8	2	1.02	.90	.79	.675
HAT10-1	10	1	1.02	.90	.79	.675

### TYPE TNT CAPACITORS

Miniaturized. Withstands rugged environmental conditions. Size—1/4 x .145 (Length x Dia.) Av. shpg. wt., 2 oz.

TYPE	MFD	VDC
TNT 8-50	8	50
TNT 15-30	15	30
TNT 25-15	25	15
TNT 50-6	50	6
TNT 80-3	80	3

1-24, EACH ..... 2.00      25-49, EACH ..... 1.60  
50-99, EACH ..... 1.40      100-249, EACH ..... 1.20

### XT TYPE TANTALUM CAPACITORS

Rugged, hermetically sealed electrolytic capacitors. Wide temperature range -55°C to +200°C. Withstand 100 hrs. of 20% salt spray at 95°F without harmful corrosion. Std. case diam.—1/4". Can be mounted anywhere. DC volts are rated at 175°C. For ratings of 85°C, increase VDC ratings of 175°C by 50%. Wt., 4 oz.

TYPE	MFD	V.D.C.	MAX. OHMS		H.F. (in)	NET EACH	
			ESR	IMP		1-24	50-99
XTL 120	120	12	2.8	45	1/2	8.55	7.80
XTM 240	240	12	2.5	35	11/16	9.80	8.45
XTMS 240	240	12	2.5	35	11/16	10.15	8.80
XTL 75	75	20	2.7	50	1/2	8.55	7.80
XTM 150	150	20	2.7	40	11/16	9.80	8.45
XTL 40	40	38	2.7	75	1/2	8.55	7.50
XTLS 40	40	38	2.7	75	1/2	8.90	7.85
XTL 40A	40	38	2.7	75	1/2	8.60	7.55
XTM 80	80	38	2.7	50	11/16	9.80	8.45
XTL 28	25	60	2.7	300	1/2	8.58	7.50
XTM 50	50	60	2.7	70	11/16	9.80	8.45
XTL 12	12	120	5.8	200	27/32	13.50	11.70
XTLS 12	12	120	5.8	200	27/32	13.85	12.05
XTM 25	25	120	5.3	140	1-1/4	15.60	13.50
XTL 8	8	180	8.3	300	1-3/16	19.00	16.60
XTL 8A	8	180	8.3	300	1-3/16	19.05	16.65
XTM 16	16	180	8.3	210	1-13/16	22.10	19.10
XTL 6	6	240	11	400	1-17/32	23.85	20.70
XTLS 6	6	240	11	400	1-17/32	24.20	21.05
XTL 6A	6	240	11	400	1-17/32	23.90	20.75
XTM 12	12	240	11	280	2-3/8	26.70	24.80
XTMS 12	12	240	11	280	2-3/8	25.05	23.15
XTM 12A	12	240	11	280	2-3/8	28.75	24.85
STL 5	5	300	13	500	1-29/32	29.65	29.60
XTM 10	10	300	13	350	2-15/16	33.70	31.00
XTL 4	4	360	16	600	2-1/4	36.30	31.70
XTM 8	8	360	16	420	3-1/2	42.60	38.90
XTM 8A	8	360	16	420	3-1/2	42.65	38.95
XTL 3.5	3.5	420	18	700	2-19/32	41.70	36.20
XTM 7	7	420	18	480	4-1/16	49.70	43.00

For screw terminal and nut—add "S" to part number and add: \$0.65 each.

For 100% environmental testing add \$1.55 each.

Prices are for 175°C max. For 200°C rating add "X" to part number and add 10% to base price.

Cathode tab supplied free—add "A" to part number.

### TYPE XTV

The Mallory Type XTV is a new capacitor designed for those applications requiring several hundred mfd. One single Mallory XTV capacitor will do the job which formerly required many parallel low capacity foil types. This new capacitor design can operate at extremely high altitudes without danger. Specifications: Case Size: 1 1/4" Diam. True hermetic glass-to-metal seal. Standard Capacity Tolerance—15% to +50%.

### STANDARD RATINGS:

Type	Mfd.	85° 125° 175°		C.	L.	Length	Wt.	1-24	25-49
		C.	L.						
XTV-1300	1300	30	25	30	1-1/16"	4 oz.	60.00	54.00	
XTV-1000	1000	40	35	26	1-1/16"	4 oz.	60.00	56.00	
XTV-700	700	60	50	38	1-1/16"	4 oz.	60.00	56.00	
XTV-650	650	30	25	20	1-1/16"	4 oz.	60.00	56.00	
XTV-500	500	40	35	28	1-1/16"	4 oz.	45.80	42.80	
XTV-450	450	60	50	60	1-1/16"	4 oz.	45.80	42.80	
XTV-375	375	30	25	20	9/16"	3 oz.	60.00	56.00	
XTV-350	350	60	50	38	1-1/16"	4 oz.	27.00	25.20	
XTV-290	290	40	35	26	9/16"	4 oz.	45.80	42.80	
XTV-225	225	90	80	60	1-1/16"	4 oz.	27.00	25.20	
XTV-200	200	60	50	38	9/16"	3 oz.	45.80	42.80	
XTV-120	120	90	80	60	9/16"	4 oz.	27.00	25.20	
XTV-80	60	180	160	120	15/16"	9 oz.	27.00	25.20	
XTV-40	40	270	240	180	1-5/16"	4 oz.	43.20	40.30	
XTV-30	30	360	320	240	1-21/32"	5 oz.	60.70	56.70	
XTV-25	25	450	400	300	2-1/32"	7 oz.	75.00	72.20	
XTV-20	20	540	480	360	2-3/8"	8 oz.	98.70	92.20	
XTV-18	18	630	580	420	2-3/4"	9 oz.	117.00	109.20	

### TYPE XTMiniature CAPACITORS

Miniature version of XTL-XTM series. Temp. range, -55° to 175°C. Doubly sealed for extremely long life. Leads solderable. Dia.—.0650. Max. Surge voltage is approx. 115% of max. working voltage. Av. Shpg. wt., 4 oz.

TYPE	CAP MFD	MAX. WORKING VOLTAGE AT			SIZE HT.	NET EACH		
		85°C	125°C	150°C		175°C	1-24	50-99
XTM-40	40	35	30	27	23	9/16	6.90	5.95
XTM-25	25	40	30	48	38	9/16	6.90	5.95
XTM-16	16	90	80	75	60	9/16	6.90	5.95
XTM-8	8	170	160	150	120	15/16	10.85	9.45
XTM-5	5	255	240	225	180	1-3/8	14.10	12.25
XTM-4	4	340	320	300	240	1-25/32	18.00	15.60

### TYPE STNT TANTALUM CAPACITOR

Subminiature, has a sintered pellet anode. Temp. Range: -55° to 85°C. Size—5/16 L x 1/45 D. Wt., 2 oz.

TYPE	MFD	VDC	TYPE	MFD	VDC
STNT 2-50	2	50	STNT 12-15	12	15
STNT 4-50	4	50	STNT 25-6	25	6
STNT 6-35	6	35	STNT 40-3	40	3

1-24, EACH ..... 1.97      25-49, EACH ..... 1.58  
50-99, EACH ..... 1.38      100-249, EACH ..... 1.19

### TYPE TAS

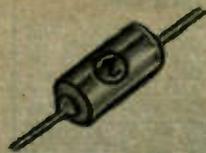
The TAS has a sintered tantalum pellet anode and a solid electrolyte that is not subject to corrosion or leakage. Hermetic glass-to-metal seal. Ideal for use in miniaturized military and computer equipment, portable test equipment, transistorized radios, recorders, etc., where space saving is an important factor. Axial leads will withstand a pull test of 3 lbs. for 30 seconds. Outstanding stability in leakage characteristics, dissipation factor. Excellent moisture and high frequency vibration resistance. Temp range -80° to +85°C. TAS case size: A—.125" x .250"; B—.175" x .325"; C—.175" x .438"; D—.313" x .438"; E—.313" x .625". Av. shpg. wt., 4 oz. each.

TYPE	CAP. MFD	VOL. TAGE CASE		1-24	25-49	50-99	100-249
		W. V.	SIZE				
TAS P33-6	.33	6	A	52.97	51.70	51.28	51.02
TAS P33-10	.33	10	A	2.97	1.70	1.28	1.02
TAS P33-15	.33	15	A	2.97	1.70	1.28	1.02
TAS P33-25	.33	25	A	2.97	1.70	1.28	1.02
TAS P33-35	.33	35	A	2.97	1.70	1.28	1.02
TAS P47-6	.47	6	A	2.97	1.70	1.28	1.02
TAS P47-10	.47	10	A	2.97	1.70	1.28	1.02
TAS P47-15	.47	15	A	2.97	1.70	1.28	1.02
TAS P47-25	.47	25	A	2.97	1.70	1.28	1.02
TAS P47-35	.47	35	A	2.97	1.70	1.28	1.02
TAS P68-6	.68	6	A	2.97	1.70	1.28	1.02
TAS P68-10	.68	10	A	2.97	1.70	1.28	1.02
TAS P68-15	.68	15	A	2.97	1.70	1.28	1.02
TAS P68-25	.68	25	A	2.97	1.70	1.28	1.02
TAS P68-35	.68	35	A	2.97	1.70	1.28	1.02
TAS 1-6	1.0	6	A	2.97	1.70	1.28	1.02
TAS 1-10	1.0	10	A	2.97	1.70	1.28	1.02
TAS 1-15	1.0	15	A	2.97	1.70	1.28	1.02
TAS 1-25	1.0	25	A	2.97	1.70	1.28	1.02
TAS 1-35	1.0	35	A	2.97	1.70	1.28	1.02
TAS1P5-6	1.5	6	A	2.97	1.70	1.28	1.02
TAS1P5-10	1.5	10	A	2.97	1.70	1.28	1.02
TAS1P5-15	1.5	15	A	2.97	1.70	1.28	1.02
TAS1P5-25	1.5	25	A	2.97	1.70	1.28	1.02
TAS1P5-35	1.5	35	A	2.97	1.70	1.28	1.02
TAS2P2-6							

# MINIATURE CAPACITORS FOR INDUSTRIAL APPLICATIONS

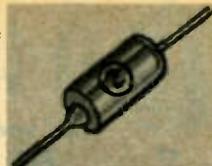
## SPRAGUE 150D SERIES "TANTALEX" CAPACITORS

Combine True Miniaturization with Electrical and Performance Characteristics Previously Unobtainable in Electrolytic Capacitors. Hermetically Sealed in Sub-miniature Metal Cases. Solid Electrolyte Cannot Leak or Corrode, Even if Hermetic Seal is Accidentally Broken. Exhibit Stable Capacitance and Low Dissipation Factor over Wide Temperature Range of -80°C to +85°C. Temperature Coefficient of Capacitance is unusually low and Linear-Nominally 600 ppm/°C. Supplied with Plastic Film Sleeves. All values listed are ± 20%. Av. shpg. wt., 3 oz.



Case size indicated by last letter in type number. All sizes include plastic sleeve. Also available less insulating sleeve; write for prices.

Code	Diam. x Length	Code	Diam. x Length
A	.104" x .312"	R	.285" x .759"
B	.190" x .500"	S	.347" x .859"



Type No.	mF	1-24	25-49	50-99	100-499
150D224X0006A2	.22	3.16	1.81	1.36	1.08
160D334X0006A2	.33	3.16	1.81	1.36	1.08
150D474X0006A2	.47	3.16	1.81	1.36	1.08
150D684X0006A2	.68	3.16	1.81	1.36	1.08
150D105X0006A2	1.0	3.16	1.81	1.36	1.08
150D155X0006A2	1.5	3.16	1.81	1.36	1.08
150D225X0006A2	2.2	3.16	1.81	1.36	1.08
150D335X0006A2	3.3	3.16	1.81	1.36	1.08
150D475X0006A2	4.7	3.16	1.81	1.36	1.08
150D685X0006A2	6.8	3.16	1.81	1.36	1.08
150D106X0006B2	10	3.32	1.90	1.42	1.14
150D156X0006B2	15	3.32	1.90	1.42	1.14
150D226X0006B2	22	3.32	1.90	1.42	1.14
150D336X0006B2	33	3.32	1.90	1.42	1.14
150D476X0006B2	47	3.32	1.90	1.42	1.14
150D686X0006B2	68	3.32	1.90	1.42	1.14
150D107X0006R2	100	5.05	2.89	2.16	1.73
150D127X0006R2	120	5.05	2.89	2.16	1.73
150D157X0006R2	150	5.05	2.89	2.16	1.73
150D187X0006R2	180	5.05	2.89	2.16	1.73
150D227X0006S2	220	9.13	5.32	3.99	3.13
150D337X0006S2	330	9.13	5.32	3.99	3.13

Type No.	mF	1-24	25-49	50-99	100-499
105D224X0010A2	.22	3.16	1.81	1.35	1.08
105D334X0010A2	.33	3.16	1.81	1.35	1.08
105D474X0010A2	.47	3.16	1.81	1.35	1.08
105D684X0010A2	.68	3.16	1.81	1.35	1.08
105D105X0010A2	1.0	3.16	1.81	1.35	1.08
105D155X0010A2	1.5	3.16	1.81	1.35	1.08
105D225X0010A2	2.2	3.16	1.81	1.35	1.08
105D335X0010A2	3.3	3.16	1.81	1.35	1.08
105D475X0010A2	4.7	3.16	1.81	1.35	1.08
105D685X0010B2	6.8	3.32	1.90	1.42	1.14
105D106X0010B2	10	3.32	1.90	1.42	1.14
105D156X0010B2	15	3.32	1.90	1.42	1.14
105D226X0010B2	22	3.32	1.90	1.42	1.14
105D336X0010B2	33	3.32	1.90	1.42	1.14
105D476X0010B2	47	3.32	1.90	1.42	1.14
105D686X0010R2	68	5.05	2.89	2.16	1.73
105D107X0010R2	100	5.05	2.89	2.16	1.73
105D127X0010R2	120	5.05	2.89	2.16	1.73
105D157X0010S2	150	9.13	5.32	3.99	3.13
105D227X0010S2	220	9.13	5.32	3.99	3.13

**AEROVOX TYPE P123Z METALIZED PAPER CAPACITORS**

Ultra-compact, and lightweight, these paper capacitors are hermetically sealed in metal cans for maximum service period. Ideal for military or industrial use. Can withstand adverse environmental conditions. Temperature Range, -55° to +70°C, at full voltage rating; standard tolerance ± 20%. Av. Shpg. wt., 2 oz.

200 VOLTS					
MFD	SIZE	NET	MFD	SIZE	NET
.001	11/64x7/16	.95	.10	5/16x23/32	1.11
.002	11/64x7/16	.95	.22	5/16x1-1/32	1.13
.003	11/64x7/16	.97	.25	5/16x1-1/32	1.24
.005	11/64x7/16	.97	.47	13/32x1-1/32	1.33
.01	11/64x7/16	.99	.68	9/16x1-1/32	1.40
.047	15/64x23/32	1.05	1.0	9/16x1-7/32	1.54
.050	15/64x23/32	1.05	2.0	9/16x1-23/32	2.33
.068	5/16x23/32	1.08			

400 VOLTS					
MFD	SIZE	NET	MFD	SIZE	NET
.0005	11/64x7/16	.99	.068	13/32x1-1/32	1.16
.001	11/64x7/16	.99	.10	13/32x1-1/32	1.18
.002	11/64x7/16	.99	.15	1/2x1-1/32	1.25
.003	11/64x9/16	1.02	.22	9/16x1-1/32	1.26
.02	11/64x23/32	1.05	.25	9/16x1-1/32	1.43
.022	5/16x23/32	1.06	.33	9/16x1-7/32	1.43
.033	5/16x23/32	1.06	.47	9/16x1-23/32	1.56
.040	5/16x23/32	1.06	.68	43/64x1-23/32	1.78
.047	13/32x23/32	1.06	1.0	43/64x2-7/32	1.92
.050	13/32x23/32	1.06			

600 VOLTS					
MFD	SIZE	NET	MFD	SIZE	NET
.01	5/16x23/32	1.08	.25	9/16x1-11/32	1.53
.02	5/16x23/32	1.08	.50	43/64x1-23/32	1.85
.10	1/2x1-1/32	1.23	1.0	1/2x2-7/32	2.10

15 WVDC-18 VDC SURGE					
Type No.	mF	1-24	25-49	50-99	100-499
150D224X0015A2	.22	3.16	1.81	1.35	1.08
150D334X0015A2	.33	3.16	1.81	1.35	1.08
150D474X0015A2	.47	3.16	1.81	1.35	1.08
150D684X0015A2	.68	3.16	1.81	1.35	1.08
150D105X0015A2	1.0	3.16	1.81	1.35	1.08
150D155X0015A2	1.5	3.16	1.81	1.35	1.08
150D225X0015A2	2.2	3.16	1.81	1.35	1.08
150D335X0015A2	3.3	3.16	1.81	1.35	1.08
150D475X0015B2	4.7	3.32	1.90	1.42	1.14

20 WVDC-23 VDC SURGE					
Type No.	mF	1-24	25-49	50-99	100-499
150D472X0020A2	.0047	2.85	1.63	1.22	.98
150D682X0020A2	.0068	2.85	1.63	1.22	.98
150D103X0020A2	.01	2.85	1.63	1.22	.98
150D153X0020A2	.015	2.85	1.63	1.22	.98
150D223X0020A2	.022	2.85	1.63	1.22	.98
150D333X0020A2	.033	2.85	1.63	1.22	.98
150D473X0020A2	.047	2.85	1.63	1.22	.98
150D683X0020A2	.068	2.85	1.63	1.22	.98
150D104X0020A2	.1	2.85	1.63	1.22	.98
150D154X0020A2	.15	2.85	1.63	1.22	.98
150D224X0020A2	.22	2.85	1.63	1.22	.98
150D334X0020A2	.33	2.85	1.63	1.22	.98
150D474X0020A2	.47	2.85	1.63	1.22	.98
150D684X0020A2	.68	2.85	1.63	1.22	.98
150D105X0020A2	1.0	2.85	1.63	1.22	.98
150D155X0020A2	1.5	2.85	1.63	1.22	.98
150D225X0020A2	2.2	2.85	1.63	1.22	.98
150D335X0020B2	3.3	3.32	1.90	1.42	1.14
150D475X0020B2	4.7	3.32	1.90	1.42	1.14
150D685X0020B2	6.8	3.32	1.90	1.42	1.14
150D106X0020B2	10	3.32	1.90	1.42	1.14
150D156X0020B2	15	3.32	1.90	1.42	1.14
150D226X0020R2	22	5.05	2.89	2.16	1.73
150D336X0020R2	33	5.05	2.89	2.16	1.73
150D476X0020R2	47	5.05	2.89	2.16	1.73
150D686X0020S2	68	9.13	5.32	3.99	3.13
150D107X0020S2	100	9.13	5.32	3.99	3.13

**AEROVOX MINIATURE METALIZED PAPER CAPACITORS AEROVOX TYPE P83Z**

Tiny metalized paper units which are self-healing to protect against surge voltages and are up to 78% smaller than equivalent paper units. Myval K impregnated, in moisture resistant wax impregnated cardboard cases having metal end caps and extended foil construction for low impedance. Standard tolerance ± 20%. Average shpg. wt., 2 oz.

200V						400V					
μF	SIZE	NET	μF	SIZE	NET	μF	SIZE	NET	μF	SIZE	NET
.01	3/2x1/2	.42	.01	3/2x1/2	.42	.01	3/2x1/2	.42	.01	3/2x1/2	.42
.02	3/2x1/2	.42	.02	3/2x1/2	.44	.02	3/2x1/2	.44	.02	3/2x1/2	.44
.03	3/2x1/2	.44	.03	3/2x1/2	.44	.03	3/2x1/2	.44	.03	3/2x1/2	.44
.05	3/2x1/2	.44	.05	3/2x1/2	.48	.05	3/2x1/2	.48	.05	3/2x1/2	.48
.1	3/2x1/2	.45	.1	15/32x1 1/2	.49	.1	15/32x1 1/2	.49	.1	15/32x1 1/2	.49
.25	15/32x1 1/2	.67	.25	1 1/2x1 1/2	.73	.25	1 1/2x1 1/2	.73	.25	1 1/2x1 1/2	.73
.5	15/32x1 1/2	.78	.5	1 1/2x1 1/2	.93	.5	1 1/2x1 1/2	.93	.5	1 1/2x1 1/2	.93
1.0	1 1/2x1 1/2	1.03	1.0	2 1/2x2 1/2	1.28	1.0	2 1/2x2 1/2	1.28	1.0	2 1/2x2 1/2	1.28
2.0	2 1/2x2 1/2	1.43									

**ATTACHABLE TERMINAL HI-VO-KAP KIT**

Kit contains 1 TV-20 Hi-Vo-Kap and a complete set of attachable terminals for TV replacement. Ideal for service calls. 500 ulf capacitor rated at 10 KV DCWV, withstands twice rated voltage. Set of terminals includes 1 each slotted-rod, short male and long male and 2 each female tap and male thread. No stripping or loose terminals. Shpg. wt., 6 oz.

Type No.	Cap Mmf	1-4	5-9	10-24	25-149	150-499
850S-252	25	2.85	2.43	2.25	2.03	1.90
850S-502	50	2.85	2.43	2.25	2.03	1.90
850S-500	50	2.65	2.43	2.25	2.03	1.90
850S-75N	75	2.65	2.43	2.25	2.03	1.90
850S-100N*	100	2.65	2.43	2.25	2.03	1.90
858S-500*	500	2.65	2.43	2.25	2.03	1.90
858S-1000*	1000	2.65	2.43	2.25	2.03	1.90

35 WVDC-40 VDC SURGE					
Type No.	mF	1-24	25-49	50-99	100-499
150D685X0015B2	6.8	3.32	1.90	1.42	1.14
150D106X0015B2	10	3.32	1.90	1.42	1.14
150D156X0015B2	15	3.32	1.90	1.42	1.14
150D226X0015B2	22	3.32	1.90	1.42	1.14
150D336X0015R2	33	5.05	2.89	2.16	1.73
150D476X0015R2	47	5.05	2.89	2.16	1.73
150D686X0015R2	68	5.05	2.89	2.16	1.73
150D107X0015S2	100	9.31	5.32	3.99	3.13
150D157X0015S2	150	9.31	5.32	3.99	3.13

35 WVDC-40 VDC SURGE					
Type No.	mF	1-24	25-49	50-99	100-499
150D472X0035A2	.0047	2.85	1.63	1.22	.98
150D682X0035A2	.0068	2.85	1.63	1.22	.98
150D103X0035A2	.01	2.85	1.63	1.22	.98
150D153X0035A2	.015	2.85	1.63	1.22	.98
150D223X0035A2	.022	2.85	1.63	1.22	.98
150D333X0035A2	.033	2.85	1.63	1.22	.98
150D473X0035A2	.047	2.85	1.63	1.22	.98
150D683X0035A2	.068	2.85	1.63	1.22	.98
150D104X0035A2	.10	2.85	1.63	1.22	.98
150D154X0035A2	.15	2.85	1.63	1.22	.98
150D224X0035A2	.22	2.85	1.63	1.22	.98
150D334X0035A2	.33	2.85	1.63	1.22	.98
150D474X0035A2	.47	2.85	1.63	1.22	.98
150D684X0035A2	.68	2.85	1.63	1.22	.98
150D105X0035A2	1.0	2.85	1.63	1.22	.98
150D155X0035B2	1.5	3.32			

# CORNELL-DUBILIER INDUSTRIAL CAPACITORS

## "SOLITAN" SOLID TANTALUM ELECTROLYTICS

TYPE TY is a completely dry and hermetically sealed tantalum capacitor encased in a tubular metal case. "SOLITAN" contains no liquid electrolyte, residue or moisture. Remarkable stability of capacity with time and temperature. Temperature range -80°C to +85°C. Tolerance ± 20%. Two sizes: a=1/8" dia., 1/4" long; b=3/16" dia., 7/16" long. Average shgp. wt., ± 25%.

C.D. No.	CAP. MFD.	SIZE	Net Each			
			1-24	25-49	50-99	100-999
<b>6 VOLTS D.C. WORKING</b>						
TY40	.25	A	2.99	1.71	1.28	1.03
TY45	.33	A	2.99	1.71	1.28	1.03
TY47	.47	A	2.99	1.71	1.28	1.03
TY41	.50	A	2.99	1.71	1.28	1.03
TY42	.68	A	2.99	1.71	1.28	1.03
TY43	1.0	A	2.99	1.71	1.28	1.03
TY44	1.5	A	2.99	1.71	1.28	1.03
TY4	2.0	A	2.99	1.71	1.28	1.03
TY48	2.2	A	2.99	1.71	1.28	1.03
TY46	3.0	A	2.99	1.71	1.28	1.03
TY35	3.3	A	2.99	1.71	1.28	1.03
TY118	4.0	A	2.99	1.71	1.28	1.03
TY120	4.7	A	2.99	1.71	1.28	1.03
TY5	5.0	A	2.99	1.71	1.28	1.03
TY49	6.0	A	2.99	1.71	1.28	1.03
TY113	6.8	B	2.99	1.71	1.28	1.03
TY83	7.0	B	2.99	1.71	1.28	1.03
TY50	8.0	B	2.99	1.71	1.28	1.03
TY85	8.2	B	2.99	1.71	1.28	1.03
TY51	9.0	B	2.99	1.71	1.28	1.03
TY6	10.0	B	3.15	1.80	1.35	1.08
TY53	12.0	B	3.15	1.80	1.35	1.08
TY86	13.0	B	3.15	1.80	1.35	1.08
TY92	15.0	B	3.15	1.80	1.35	1.08
TY7	18.0	B	3.15	1.80	1.35	1.08
TY55	20.0	B	3.15	1.80	1.35	1.08
TY96	22.0	B	3.15	1.80	1.35	1.08
TY98	24.0	B	3.15	1.80	1.35	1.08
TY102	25.0	B	3.15	1.80	1.35	1.08
TY106	27.0	B	3.15	1.80	1.35	1.08
TY108	30.0	B	3.15	1.80	1.35	1.08
TY109	33.0	B	3.15	1.80	1.35	1.08
TY121	36.0	B	3.15	1.80	1.35	1.08
TY56	40.0	B	3.15	1.80	1.35	1.08
TY9	45.0	B	3.15	1.80	1.35	1.08

C.D. No.	CAP. MFD.	SIZE	Net Each			
			1-24	25-49	50-99	100-999
<b>10 VOLTS D.C. WORKING</b>						
TY57	.25	A	2.99	1.71	1.28	1.03
TY112	.33	A	2.99	1.71	1.28	1.03
TY37	.47	A	2.99	1.71	1.28	1.03
TY58	.50	A	2.99	1.71	1.28	1.03
TY36	.68	A	2.99	1.71	1.28	1.03
TY10	1.0	A	2.99	1.71	1.28	1.03
TY59	1.5	A	2.99	1.71	1.28	1.03
TY11	2.0	A	2.99	1.71	1.28	1.03
TY61	2.2	A	2.99	1.71	1.28	1.03
TY60	3.0	A	2.99	1.71	1.28	1.03
TY68	3.3	A	2.99	1.71	1.28	1.03
TY122	4.0	A	2.99	1.71	1.28	1.03
TY123	4.7	A	2.99	1.71	1.28	1.03
TY14	5.0	A	2.99	1.71	1.28	1.03
TY62	6.0	B	3.15	1.80	1.35	1.08
TY124	6.8	B	3.15	1.80	1.35	1.08
TY125	7.0	B	3.15	1.80	1.35	1.08
TY63	8.0	B	3.15	1.80	1.35	1.08
TY126	8.2	B	3.15	1.80	1.35	1.08
TY64	9.0	B	3.15	1.80	1.35	1.08
TY15	10.0	B	3.15	1.80	1.35	1.08
TY66	12.0	B	3.15	1.80	1.35	1.08
TY127	13.0	B	3.15	1.80	1.35	1.08
TY128	15.0	B	3.15	1.80	1.35	1.08
TY67	18.0	B	3.15	1.80	1.35	1.08
TY16	20.0	B	3.15	1.80	1.35	1.08
TY129	22.0	B	3.15	1.80	1.35	1.08
TY130	24.0	B	3.15	1.80	1.35	1.08
TY131	25.0	B	3.15	1.80	1.35	1.08
TY132	27.0	B	3.15	1.80	1.35	1.08

C.D. No.	CAP. MFD.	SIZE	Net Each			
			1-24	25-49	50-99	100-999
<b>15 VOLTS D.C. WORKING</b>						
TY71	.25	A	2.99	1.71	1.28	1.03
TY70	.33	A	2.99	1.71	1.28	1.03
TY73	.47	A	2.99	1.71	1.28	1.03
TY75	.50	A	2.99	1.71	1.28	1.03
TY74	.68	A	2.99	1.71	1.28	1.03
TY17	1.0	A	2.99	1.71	1.28	1.03
TY18	1.5	A	2.99	1.71	1.28	1.03
TY19	2.0	A	2.99	1.71	1.28	1.03
TY75	2.2	A	2.99	1.71	1.28	1.03
TY20	3.0	A	2.99	1.71	1.28	1.03
TY114	3.3	A	2.99	1.71	1.28	1.03
TY136	4.0	B	3.15	1.80	1.35	1.08
TY137	4.7	B	3.15	1.80	1.35	1.08
TY76	5.0	B	3.15	1.80	1.35	1.08
TY21	6.0	B	3.15	1.80	1.35	1.08
TY138	6.8	B	3.15	1.80	1.35	1.08
TY139	7.0	B	3.15	1.80	1.35	1.08
TY78	8.0	B	3.15	1.80	1.35	1.08
TY140	8.2	B	3.15	1.80	1.35	1.08
TY79	9.0	B	3.15	1.80	1.35	1.08
TY34	10.0	B	3.15	1.80	1.35	1.08
TY22	12.0	B	3.15	1.80	1.35	1.08
TY141	13.0	B	3.15	1.80	1.35	1.08

C.D. No.	CAP. MFD.	SIZE	Net Each			
			1-24	25-49	50-99	100-999
<b>15 VOLTS D.C. WORKING</b>						
TY142	15.0	B	3.15	1.80	1.35	1.08
TY80	18.0	B	3.15	1.80	1.35	1.08
TY81	20.0	B	3.15	1.80	1.35	1.08
<b>20 VOLTS D.C. WORKING</b>						
TY143	.004	A	2.68	1.53	1.15	.92
TY144	.0047	A	2.68	1.53	1.15	.92
TY82	.005	A	2.68	1.53	1.15	.92
TY145	.0056	A	2.68	1.53	1.15	.92
TY146	.0068	A	2.68	1.53	1.15	.92
TY147	.0082	A	2.68	1.53	1.15	.92
TY115	.01	A	2.68	1.53	1.15	.92
TY148	.012	A	2.68	1.53	1.15	.92
TY116	.015	A	2.68	1.53	1.15	.92
TY149	.018	A	2.68	1.53	1.15	.92
TY150	.02	A	2.68	1.53	1.15	.92
TY151	.002	A	2.68	1.53	1.15	.92
TY117	.025	A	2.68	1.53	1.15	.92
TY152	.027	A	2.68	1.53	1.15	.92
TY153	.03	A	2.68	1.53	1.15	.92
TY154	.003	A	2.68	1.53	1.15	.92
TY155	.039	A	2.68	1.53	1.15	.92
TY156	.04	A	2.68	1.53	1.15	.92
TY157	.047	A	2.68	1.53	1.15	.92
TY119	.05	A	2.68	1.53	1.15	.92
TY158	.056	A	2.68	1.53	1.15	.92
TY159	.068	A	2.68	1.53	1.15	.92
TY160	.082	A	2.68	1.53	1.15	.92
TY33	.1	A	2.68	1.53	1.15	.92
TY161	.22	A	2.99	1.71	1.28	1.03
TY23	.25	A	2.99	1.71	1.28	1.03
TY162	.33	A	2.99	1.71	1.28	1.03
TY163	.47	A	2.99	1.71	1.28	1.03
TY24	.5	A	2.99	1.71	1.28	1.03
TY164	.68	A	2.99	1.71	1.28	1.03
TY25	1.5	A	2.99	1.71	1.28	1.03
TY26	1.0	A	2.99	1.71	1.28	1.03
TY27	2.0	A	2.99	1.71	1.28	1.03
TY165	2.2	A	2.99	1.71	1.28	1.03
TY84	3.0	B	3.15	1.80	1.35	1.08
TY166	4.0	B	3.15	1.80	1.35	1.08
TY167	4.7	B	3.15	1.80	1.35	1.08
TY87	5.0	B	3.15	1.80	1.35	1.08
TY88	6.0	B	3.15	1.80	1.35	1.08
TY168	6.8	B	3.15	1.80	1.35	1.08
TY169	7.0	B	3.15	1.80	1.35	1.08
TY29	8.0	B	3.15	1.80	1.35	1.08
TY170	8.2	B	3.15	1.80	1.35	1.08
TY90	9.0	B	3.15	1.80	1.35	1.08
TY30	10.0	B	3.15	1.80	1.35	1.08
TY	15.0	B	3.15	1.80	1.35	1.08

C.D. No.	CAP. MFD.	SIZE	Net Each			
			1-24	25-49	50-99	100-999
<b>35 VOLTS D.C. WORKING</b>						
TY171	.004	A	2.68	1.53	1.15	.92
TY172	.0047	A	2.68	1.53	1.15	.92
TY91	.005	A	2.68	1.53	1.15	.92
TY173	.0056	A	2.68	1.53	1.15	.92
TY174	.0068	A	2.68	1.53	1.15	.92
TY175	.0082	A	2.68	1.53	1.15	.92
TY93	.01	A	2.68	1.53	1.15	.92
TY176	.012	A	2.68	1.53	1.15	.92
TY94	.015	A	2.68	1.53	1.15	.92
TY177	.018	A	2.68	1.53	1.15	.92
TY178	.02	A	2.68	1.53	1.15	.92
TY179	.022	A	2.68	1.53	1.15	.92
TY95	.025	A	2.68	1.53	1.15	.92
TY180	.027	A	2.68	1.53	1.15	.92
TY181	.03	A	2.68	1.53	1.15	.92
TY182	.033	A	2.68	1.53	1.15	.92
TY183	.039	A	2.68	1.53	1.15	.92
TY184	.04	A	2.68	1.53	1.15	.92
TY185	.047	A	2.68	1.53	1.15	.92
TY97	.05	A	2.68	1.53	1.15	.92
TY186	.056	A				

# INDUSTRIAL CAPACITORS, SWITCHES AND TERMINAL CONNECTORS

## UNIMAX SNAP-ACTION SWITCHES



Precision made for industrial and laboratory use. Types marked \* are basic units less "adaptaplate". All others have actuators attached to stainless steel "adaptaplate". Rated 15 amp, 125 volt. 5 amp, 250V volt. 60 cycle non-inductive AC. Type 2HBDX-1 has DPST action. All others SPDT. Avg. shpg. wt., 3 oz.

Size (1) 2 15/32 x 1 1/4 x 1 1/16" (2) 1 15/16 x 7/8 x 1 1/16" (3) 2 25/64 x 1 1/4 x 1 1/16" (4) 2 15/32 x 1 7/32 x 1 1/16" (5) 2 35/64 x 1 1/4 x 1 1/32"

Stock No.	Unimax Type	Fig.	Actuator and Operating Force	Micro. Equiv.	Overall Size	1-9	Net Each	10-19	20-49
SW-45*	2HB-1	A	Basic Pin type, 9-13 oz.	BZ-2R	2	1.47	1.32	1.18	
SW-46	2HRL-1	B	Leaf Spring type, 2-3 oz.	BZ-2RL	2	1.62	1.45	1.29	
SW-47	2HRP-1	C	Roller type, Max. 10 oz.	BZ-2R	2	2.35	2.12	1.88	
SW-48	2HBW-1	D	Leaf Spring roller, 2-3 oz.	BZ-2RL2	1	2.11	1.79	1.69	
SW-49*	2HRM-1	E	Leaf Spring Hinged 1/2-1 1/4 oz.	BZ-2RW	2	1.85	1.68	1.49	
SW-50	2HBY-1	B	Hinged Max. 10 oz.	BZ-2R	2	1.06	1.68	1.49	
SW-51*	2HBA-1	D	Leaf Spring roller 1/2-1 1/4 oz.	BZ-2RW2	3	2.35	2.12	1.88	
SW-52	2HRM-1	E	Safety Interlock 3-7 oz.	BZ-2R	4	2.68	2.46	2.15	
SW-53	2HRITX-1	D	Dual Switch 1-2 oz.	BZ-2R	4	4.85	4.36	3.80	
SW-54	2HBQ-1	G	Plunger Small 8-10 oz.	BZ-2RS	5	1.81	1.63	1.45	
SW-55	2HRJ-1	G	Plunger Large 8-10 oz.	BZ-2RJ1	1	3.38	3.04	2.73	

## MIL-TYPE SUBMINIATURE SWITCHES

TYPE USM5. Used as basic switch in all units listed below. Can be used in temperatures up to 275°F. Meets MIL-S-6743 and military drawing MS-25085-1. All USM units. 1 15/16 x 3/4 x 1 1/16". Avg. shpg. wt., 3 oz.

Stock No.	Unimax Type	Fig.	Actuator and Operating Force	Micro. Equiv.	1-9	Net Each	10-19	20-49
SW-57	USMS	A	Basic Pin Type 5oz. Max	ISM1	1	1.42	1.27	1.14
SW-58	USMSL	B	Leaf Spring type Box. Max		1	1.37	1.41	1.36
SW-59	USMSV	C	Nylon roller type Box. Max		1	1.91	1.72	1.53

## SUBMINIATURE WITH TOGGLE SWITCH ACTUATORS

TYPE 15B1-1 2-Position Single Roll Maintained Incorporates USM5 Switch. Keying tab. Size 1 1/2 x 2 1/4"

TYPE 15B5-1 Same as 15B1-1 except assembled in corrosion-resistant steel bushing for panel mounting. Designed to meet MIL-S-3950 Size 1 5/8" x 2 5/8"

TYPE 25B5-1 Same as 15B5-1 except incorporates 2 USM5 Basic Switches Size 1 5/8" x 1 9/16" Avg. shpg. wt., 5 oz.

Stock No.	Unimax Type	Fig.	Micro. Equiv.	1-9	Net Each	10-19	20-49
SW-60	15B1-1	H	6AT2	3.67	3.31	2.94	
SW-61	15B5-1	I	6AT5	5.24	4.72	4.19	
SW-62	25B5-1	J	6AT7	6.77	6.17	5.09	

## SUBMINIATURE WITH PUSH BUTTON ACTUATORS

TYPE 15J1-1 incorporates USM5 switch assembled with an overtravel plunger, with provisions for panel mounting. Flexible insulator barriers on both sides of the switch. Keying tab. Size 1 1/32 x 3/4"

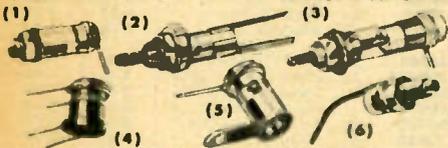
TYPE 25J3-1 Same as 15J1-1 except incorporates 2 USM5 switches for DPDT action, with push button actuator. Size 1 1/32" x 4 3/4"

TYPE 25J4-1 Same as 25J3-1 except with black anodized aluminum push button actuator. Has more overtravel than 25J3-1. Size 1 1/32" x 4 3/4". Shpg. Wt. 5 oz.

Stock No.	Unimax Type	Fig.	Operating Force	Micro. Equiv.	1-9	Net Each	10-19	20-49
SW-63	15J1-1	J	1-2 oz. Max.	1PB1	4	4.46	4.02	3.57
SW-64	25J3-1	K	1-3 lbs. approx.	2PB7	4	4.16	3.55	3.33
SW-65	25J3-2	K	Same as 25J3-1 except red button		4	4.16	3.55	3.33
SW-66	25J4-1	L	1-3 lbs. approx.		4	4.70	4.23	3.76
SW-67	25J4-2	L	Same as 25J4-1 except red button		4	4.70	4.23	3.76

## JFD PISTON CAPACITORS

Precision-engineered units for accurate alignment of critical circuits. Subminiature in size for automation and printed-circuit applications. Stable operation. Withstand severe shock and vibration. Approx. zero temperature coefficient. Special alloy plating for corrosion resistance and improved performance at high frequencies. Suitable for radar, computer, instrumentation applications. Both glass and quartz piston types for miniature or conventional circuit design. Miniature types have telescoping construction. Average Shipping Weight, 5 oz.



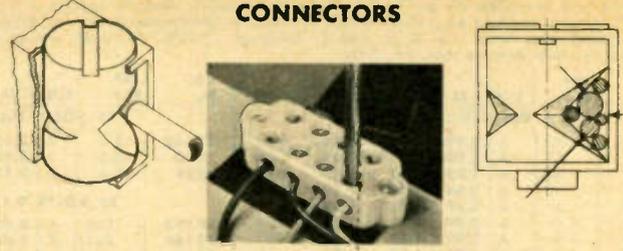
MODEL NO.	CAP. RANGE (mmfd.)	1-24	25-99	100 Up
VC-20G	0.8-8.5	2.70	2.43	2.25
VC-21G	0.8-4.5	2.70	2.43	2.25
VC-22G	0.7-12.0	3.30	2.97	2.75
VC-23C	0.8-1.5	3.45	3.10	2.88
VC-24G	1.0-30.0	3.90	3.51	3.25

MODEL NO.	PLATE-TO-BUSHING	PLATE-TO-PLATE	1-24	25-99	100 Up
PVC-10G	0.8-5.0	0.8-2.5	2.40	2.16	2.00
PVC-17G	0.6-8.5	1.1-4.5	2.70	2.43	2.25
PVC-18G	0.7-14.0	1.8-7.5	3.00	2.70	2.50
*VC-20	0.3-2.0	0.4-1.0	3.90	3.51	3.25
*VC-81	0.4-3.2	0.6-1.6	4.50	4.05	3.75
*VC-82	0.5-5.5	0.85-2.8	5.10	4.59	4.25
*VC-83	4.8-11.0	3.0-6.0	7.50	6.75	6.25

Model No.	Cap. Range (mmfd.)	1-24	25-99	100 Up	Model No.	Cap. Range (mmfd.)	1-24	25-99	100 Up
*VC-2	0.7-4.5	3.30	2.97	2.75	VC-66A	0.7-17.0	1.80	1.62	1.50
*VC-5	0.6-6.0	3.90	3.51	3.25	VC-66C	0.8-17.0	1.95	1.75	1.63
*VC-11	0.8-10.0	4.50	4.05	3.75	VC-66I	0.8-17.0	1.95	1.75	1.63
*VC-11A	1.0-10.0	4.50	4.05	3.75	VC-76	2.0-30.0	2.25	2.07	1.88
*VC-12	0.9-21.0	6.00	5.40	5.00	VC-116	0.6-14.0	2.25	2.07	1.88
VC-16	0.7-9.0	1.95	1.75	1.63	VC-116RA	0.6-14.0	2.10	1.89	1.75
VC-36	0.7-9.0	1.65	1.48	1.38	VC-116RB	0.6-14.0	1.80	1.62	1.50
VC-36I	0.7-9.0	1.65	1.48	1.38	VC-116RC	0.6-18.0	2.10	1.89	1.75
VC-46	0.8-18.0	1.95	1.75	1.63	VC-126A	1.5-7.0	1.30	1.08	1.00
VC-56	0.8-18.0	2.25	2.07	1.88	VC-306	0.8-30.0	2.40	2.16	2.00

\*Zero-temp. coeff. in quartz and invar. †Hot invar rotor. ‡Hot invar slug.

## CAMBLOCK TERMINAL BLOCK CONNECTORS



A basic new principle in electric connectors. Cuts average wiring time by 75%. Takes wire sizes from .010 to .094 dia. 1/2 turn with screwdriver connects or disconnects. Unique V-tapered cam grips wire to make every strand a conductor. Meets or exceeds MIL-T-16784A specs for temperature rise, dielectric strength and vibration, and ML-S-908 for high impact. The housing is made of modified acrylic. Dielectric strength 3000V between terminals, 4500V between terminal and base. Available from 2-20 station. All Camblocks listed are rated at 15 AMPS. A station consists of 1 in and 1 out terminal. Size 2 station block 9/16" depth 7/8" height and 1 1/7" mtg center to mtg. center. For 3-11 station dimensions add 0.38 to mtg center per station. 12 station dimensions same as 1-11 except mtg centers + 2/5 add 0.38 per station to obtain dimension 13-20. Shpg. wt. 2 stations 2 oz. add 1/4 oz for each additional station.

## TERMINAL BLOCKS TYPE CB15

Stock No.	No. of Stations	1-99	100-499	Stock No.	No. of Stations	1-99	100-499
CN-10	2	.24	.20	CN-29	2	.025	.90
CN-11	3	.36	.30	CN-30	3	.03	1.18
CN-12	4	.44	.37	CN-31	4	.035	1.43
CN-13	5	.56	.47	CN-32	5	.04	1.65
CN-14	6	.65	.54	CN-33	6	.045	1.90
CN-15	7	.74	.62	CN-34	7	.05	2.13
CN-16	8	.84	.70	CN-35	8	.06	2.38
CN-17	9	.95	.79	CN-36	9	.065	2.60
CN-18	10	1.04	.87	CN-37	10	.07	2.85
CN-19	11	1.14	.95	CN-38	11	.075	3.08

## MARKER STRIPS

Stock No.	No. of Stations	1-99	100-499	Stock No.	No. of Stations	1-99	100-499
CN-20	12	1.24	1.03	CN-39	12	.08	3.33
CN-21	13	1.34	1.12	CN-40	13	.085	3.55
CN-22	14	1.44	1.20	CN-41	14	.09	3.80
CN-23	15	1.54	1.28	CN-42	15	.095	4.03
CN-24	16	1.64	1.37	CN-43	16	.10	4.30
CN-25	17	1.74	1.45	CN-44	17	.11	4.50
CN-26	18	1.84	1.53	CN-45	18	.115	4.75
CN-27	19	1.94	1.61	CN-46	19	.12	4.98
CN-28	20	2.04	1.70	CN-47	20	.125	5.23

## QUARTZ SEAL CAPS

## PANEL AND PRINTED CIRCUIT TYPE

Model No.	Cap Range MFD.	1-24	25-99	100 up	Net Each
QS-171	0.6-1.8	5.70	5.13	4.75	
QS-173	0.6-5.5	6.15	5.53	5.13	
QS-176	0.6-5.5	7.50	6.75	6.25	
QS-179	0.6-16.0	9.30	8.37	7.75	
QS-181*	0.6-5.5	9.40	8.46	8.00	
QS-183*	0.6-5.5	5.85	5.26	4.87	
QS-186*	0.6-9.5	7.20	6.48	5.99	
QS-189*	0.8-16.0	9.00	8.10	7.50	
QS-191	0.6-1.8	5.40	4.86	4.50	
QS-193	0.6-5.5	5.85	5.26	4.87	
QS-196	0.6-9.5	7.20	6.48	5.99	
Q-199	0.8-16.0	9.00	8.10	7.50	

All Fig. 1 except \* (Fig. 5) and + (Fig. 4)

## HART AND HEGEMAN MOMENTARY PUSH BUTTON SWITCHES



Metal base push switches with laminated phenolic sections, slotted sleeve 15/32 diam, by 9/16" long except Y are 7/16". All have solder lug terminal, and plain tops except \* which have snap on buttons (specially red or black). Rated 1A-125V AC. Shpg. wt., 3 oz., buttons 1 oz.

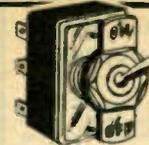
Stock No.	Mfr. No.	NORMALLY CLOSED		NORMALLY OPEN	
		Cir. Ea.	Lots 10 Ea.	Cir. Ea.	Lots 10 Ea.
SW-33	3392A*	2 Circ.	.64	.58	.52
SW-34	3392A*	2 Circ.	.81	.73	.67
SW-35	3392*	2 Circ.	.64	.58	.52
SW-36	3392AE*	2 Circ.	.81	.73	.67
SW-37	3391	SPST	.49	.44	.40
SW-38	3391CJ*	SPST	.67	.60	.54
SW-39	3391E	SPST	.49	.44	.40
SW-40	3391GL*	SPST	.67	.60	.54
SW-41	3391-194R	Red snap-on button for all switches			.13
SW-42	3391-194B	Black snap-on button for all switches			.13

# SAVE MORE THAN 50% ON Lafayette SWITCH VALUES!



**SINGLE POLE SINGLE THROW TOGGLE SWITCH**  
22¢ • BALL HANDLE

Ball handle S.P.S.T. toggle switch in molded bakelite case. Rated 3A-125 Volts. Supplied with chrome metal on-off indicator plate and two mounting nuts. Body size 1 1/8" x 3/4" x 1/2" behind panel. Bushing 7/16" diam., 7/16" long. Ball handle 1/2" long. Shpg. wt., 4 oz.  
SW-21 SPST Toggle Switch. Net .22  
In lots of 10, Each .19



**HEAVY DUTY 6 AMP DPDT SWITCH**  
32¢ A TERRIFIC BUY!

Heavy duty ball handle toggle switch in enclosed bakelite case — Ideal for hundreds of applications. Rated 250V-3 amps or 125V-6 amps. Six solder lug terminals. Comes with chrome metal on-off indicator plate and mounting nuts. Switch body 1 1/2" x 3/2" x 7/8" behind panel, including terminals. Bushing 15/32" dia., 7/16" long. Ball handle 1/2" long. Shpg. wt., 6 oz.  
SW-22 DPDT Toggle Switch. Net .32  
In lots of 10, Each .29



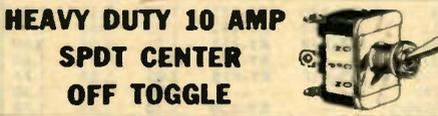
**HEAVY DUTY 6 AMP DPDT CENTER OFF TOGGLE SWITCH**  
LAFAYETTE 49¢ SPECIAL!

Heavy duty double-pole double-throw for control of lighting circuits, high power p.o. horns, electrical appliances and motors. Rated at 6 amps 125 volts AC or 3 amps 250 v. AC. Metal on-off indicator plate and mounting nuts. Switch body 1-5/16" x 3/4" x 1" behind panel, including terminals. 7/16" bushing, 7/16" diam. 3/8" ball handle. Shpg. wt., 8 oz.  
SW-19. Net .49 In lots of 10, Ea. .45

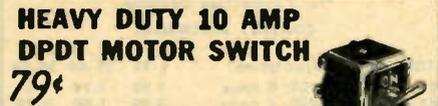


**Miniature PUSH BUTTON SWITCH**  
19¢

Momentary contact push button switch ideal for all miniaturized applications. Single pole two circuit push-to-make type. Beryllium copper leaf contacts. Overall diameter 1/2", overall depth 11/16", protrudes 3/8" behind panel. Bushing 1/4" dia., 3/16" long. Supplied with washer and mounting nut. Shpg. wt., 3 oz.  
MS-449 Miniature Push Button Switch. .19



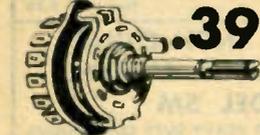
**HEAVY DUTY 10 AMP SPDT CENTER OFF TOGGLE**



**HEAVY DUTY 10 AMP DPDT MOTOR SWITCH**  
79¢

Workmanship on this switch is of the best quality. Terminals are oversized, flow-free solder type which makes for neat, no-arc connections. Rated 10 Amps at 125 Volts, contacts easily take the current surges of motor starting. Size 1 3/4" x 3/4" x 1". Bushing 7/16" dia., 3/8" long, ball handle 3/4" long. Shpg. wt., 6 oz.  
SW-26 DPDT Toggle Switch. Net .79  
In lots of 10, Each .75

This heavy duty switch is ideal for small size equipment. Heavy silvered lugs for low-loss connections. Rated 10 amps at 125 volts. Body size 1 1/2" x 9/16" x 3/8" depth behind panel. Bushing 3/8" dia., 7/16" long. Ball handle 1/2" long. Shpg. wt., 4 oz.  
SW-27 SPDT Toggle Switch. Net .39  
In lots of 10, Each .35



**.39 4PDT ROTARY SWITCHES**

New three-position rotary selector switch can be used in hi-fi preamps and stereo applications. 1/2" diameter, and 1 1/4" shaft length. Quality construction with positive action. Shpg. wt., 6 oz.  
SW-30. Net .39

## CENTRALAB LEVER-ACTION SWITCHES

Low capacity, space saving switches for mounting singly or in groups. Cadmium plated front and lever. Rated 2 amps of 15V. DC, or 150 ma. at 110 V.A.C. Index: P-positive, SR-Spring Return, PSR-positive-Spring return, \*1475 replacement for tube testers. 1 1/2" x 1/2" x 1 1/2". Mtg. centers, 1 1/2". With mtg. screws and knob. Av. Shpg. wt., 3 oz.

Shorting	Non-Shorting	Ind.	Poles	Pos.	1-9	10-24	25-49
1452	1454	P	2	3	1.03	.93	.86
1453	1455	SR	2	3	1.03	.93	.86
1466	1467	PSR	2	3	1.03	.93	.86
1456	1457	P	4	2	1.18	1.06	.98
1459	1458	P	4	2	1.18	1.06	.98
—	1475*	P	1	3	1.03	.93	.86

**MOUNTING PLATES** — For mounting 1 to 4 switches. Black wrinkle finish. Shpg. wt., 4 oz. All are 2 1/2" high.

Type	Switches	Length	1-9	10-24	25-49
P-1755	1	1 1/2"	.29	.26	.26
P-1756	2	3/4"	.29	.26	.24
P-1757	3	2 1/4"	.32	.29	.27
P-1758	4	3"	.41	.37	.34

## 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.

**SPDT KNIFE SWITCH**  
Overall size 1 1/2" x 2 3/8". Shpg. wt., 6 oz.  
SW-23. Net .12 ea. — 10 for .99

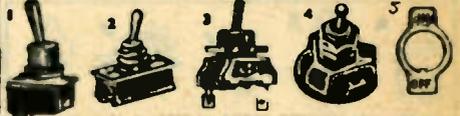
**DPDT KNIFE SWITCH**  
Overall size 1 1/2" x 2 3/8". Shpg. wt., 4 oz.  
SW-24. Net .19 Ea. — 10 for 1.75

## NEW! RUGGED TELEPHONE TYPE 4PDT LEVER SWITCH



**ANOTHER LAFAYETTE BUY!**  
Reg. Value 1.00  
69¢ EA.

Small 3-position lever action telephone type switch of rugged non-inductive construction, perfect for large intercom switching panels, test equipment, model railroads, communication systems, etc. Has 4 sets of single-pole, double-throw contacts. Chrome-plated actuating cam has 3 locking positions. Heavy insulated rollers at end of cam actuate switch contacts. Mounts to panel with 2 screws (furnished), 15/16" mounting centers. Size 2 1/2" long behind panel, 1/2" wide, 1-5/16" high. Shpg. wt., 6 oz.  
SW-20 3-Position Telephone Type Switch. Net .69 Ea.  
Lots of 10, .65 Ea.



**CUTLER-HAMMER NEW DESIGN SWITCHES**  
Approved type with nickel-plated metal parts. Fast action — excellent for appliances, radio receivers, etc. Underwriters Approved. Stem length, fig. 1 and 2, 1 1/2"/22"; fig. 3 and 4, 1 1/2"/22. Avg. shpg. wt., 1/2 oz.

Type	Fig.	Circuit	Amps @ 125v.	Each	10 Each	100 Each
8280K16	1	SPST	6	.48	.41	.34
8282K14	1	SPDT	3	.58	.52	.43
8363K7	1	DPDT	6	.93	.84	.70
8360K7	1	DPST	6	.81	.73	.61
7321K3	2	SPST	12	.86	.77	.65
7320K3	2	DPST	10	.86	.77	.65
6097K3	3	SPST	3	.37	.33	.28
7140K6	4	SPDT	1	.39	.35	.29

\*Midget Rated AC  
†With Dead Center Position.  
Fig. 5. On-off switch plate for lever. Net .84.  
827-228F3—Each .03  
10 for .27  
100 for .25

**CUTLER-HAMMER HEAVY DUTY SWITCHES**  
Fig. 2. Underwriters approved. Nickel-plated metal parts. Fast action handles motor rated 1 hp. at 125/250v. Stem 15/22" Avg. shpg. wt., 7oz.

C.H. No.	Circ.	125v.	250v.	Amps. Each	10 Each	100 Each
7361K5	RPST	15	10	1.50	1.35	1.13
7360K5	DPST	15	10	1.50	1.35	1.13

## MALLORY ROTARY SWITCHES MULTI-GANG SWITCHES

Used in servicing and industrial applications. One fixed and one adjustable stop. Silver plated contacts, solid silver contact slugs. 3 and 4 gang spaced 1", others 1 1/2" 2" notched shaft. 7/16" mtg. hole. Comes with mounting hardware and bar knobs. Shpg. wt., 8 oz.

\*Have "off" position, preceding others, as additional position.

Shorting Type No.	Non Shorting Cat. No.	Gangs	TOTAL POLES	Positions Per Pole	NET EACH
1211L	1311L	1	11	1	1.71
1215L	1315L	1	2	5	1.71
1213L	1313L	1	3	3	1.71
1212L	1312L	1	4	2	1.71
1221L	1321L	2	2	11	2.12
1225L	1325L	2	4	5	2.12
1223L	1323L	2	4	3	2.12
1222L	1322L	2	4	2	2.12
1231L	1331L	3	3	11	2.65
1235L	1335L	3	6	5	2.65
1241L	1341L	4	4	11	3.12
1245L	1345L	4	4	5	3.12
1251L	1351L	5	5	11	3.38
1256L	1356L	5	10	6	3.70
1261L	1361L	6	6	11	3.86
1266L	1366L	6	12	6	4.50

## MALLORY SINGLE GANG SWITCHES

Small, enclosed low voltage switches 2" notched shaft. Threaded bushing 3/8" dia. 3/8" long. Types with 3" have adjustable stops. Complete with bar knob and nut. Shpg. wt., 4 oz.

Shorting Type Cat. No.	Non Shorting Type Cat. No.	Poles	Positions	Diameter Base	List Price
3115J	3215J	1	5	1 1/2"	.82
3112J	3212J	1	12	1 1/2"	.82
3122J	3222J	2	2	1 1/2"	.82
3123J	3223J	2	3	1 1/2"	.82
3126J	3226J	2	6	1 1/2"	.82
3134J	3234J	3	4	1 1/2"	.85
3162J	3262J	4	2	1 1/2"	.85
3143J	3243J	4	3	1 1/2"	.85
3117J*	3217J*	1	2 to 17	1 1/2" 16"	1.27
3129J*	3229J*	2	2 to 9	1-11/16"	1.27
3136J*	3236J*	3	2 to 6	1-11/16"	1.35
3163J*	3263J*	6	2 to 3	1-11/16"	1.35

**SLIDE SWITCHES AT LOW PRICES!**  
Compact slide switches in eudium steel housings. All rated 125 v. AC, 1 1/2" mtg. extra. 4 oz. Lots 10

No.	Circuit	1 Ea.	10 Ea.
SW-14	SPST	.09	.08
SW-15	SPDT	.10	.09
SW-16	DPST	.20	.18
SW-17	DPDT	.22	.20

## MALLORY DIAL PLATES

10" spacing. Used with series all 1200L and 1300L, and single gang having 1 1/4" base. 7/16" hole. Shpg. Wt., 2 oz.

TYPE	MARKING	TYPE	MARKING	TYPE	MARKING
372	1 to 2	378	1 to 8	384	off 1 to 4
373	1 to 4	379	1 to 9	385	off 1 to 5
374	1 to 4	380	1 to 10	386	off 1 to 6
375	1 to 5	381	1 to 11	387	off 1 to 7
376	1 to 6	382	1 to 12	388	off 1 to 8
377	1 to 7	383	off 1 to 13	389	off 1 to 9

NET .12

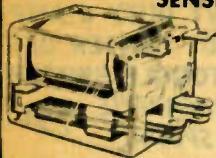
20" spacing for 1-1/16 base switches

TYPE	MARKING	TYPE	MARKING	TYPE	MARKING
453	1 to 3	461	1 to 11	478	off 1 to 8
454	1 to 4	462	1 to 12	479	off 1 to 9
455	1 to 5	467	1 to 17	480	off 1 to 10
456	1 to 6	473	off 1 to 3	481	off 1 to 11
457	1 to 7	474	off 1 to 4	482	off 1 to 12
458	1 to 8	475	off 1 to 5	483	off 1 to 13
459	1 to 9	476	off 1 to 6	484	off 1 to 14
460	1 to 10	477	off 1 to 7	486	off 1 to 16

NET .12

# RELAYS - SYNCHRONOUS MOTORS - MINIATURE SWITCHES

## SENSITIVE MINIATURE



ONLY  
**\$2.95 ea.**  
WHILE THEY LAST



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 1-1/16" x 11/16" x 1/4". Ideal for model control, photocell relay, carrier-current control and dozens of other miniature applications. Shpg. wt., 4 oz.

**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 1/2 oz. 1/4" x 1 1/4" x 1 1/4". Shpg. wt., 4 oz.

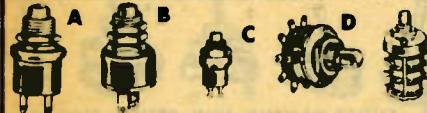
**F-333—4P-DT Miniature Relay** Net 3.95

## SIGMA 4F

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 5/32". Shpg. Wt. 8 oz.



**RY-400 Sigma 4F** Net 6.00



**GRAYHILL MINIATURE SWITCHES Fig. (A)**  
Momentary contact push button switches. Non-snap, SPST. 115 V.A.C. (resistive). Life expectancy approx. 800,000 operations at 1/2 amp., approx. 100,000 at 1 amp. 3/8" solder terminals. Body 5/64" diam., threaded bushing 1/4" long. Molded phenolic body and button. Shpg. wt., 4 oz.

**GRAYHILL 4001** Normally open ..... .69  
**GRAYHILL 4002** Normally closed ..... .69

## HEAVY DUTY TYPE Fig. (B)

Similar to above but rated 10 amp 115 V.A.C. (resistive). Snap action type. Approx. 50,000 operations. 3/4" diam. body.

**GRAYHILL 2201** Normally open ..... 1.81  
**GRAYHILL 2202** Normally closed ..... 1.81

## MINIATURE TYPE Fig. (C)

Designed for miniaturization. As above but non-snap. 1/4 amp. 115 V.A.C. (resistive). Body diam. 1/8", bushing 1/4" long. Rated life approx. 500,000 operations.

**GRAYHILL 23-1** Normally open ..... .83

## SUB MINIATURE TYPE Fig. (C)

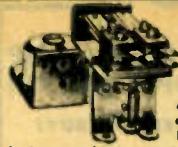
Ideal for computer and instrument application. Similar to 23-1 but rated 100 milliamperes 1 5V AC (resistive) body diam. 3/16", bushing 1/4" long. Rated life approx. 300,000 operations.

**GRAYHILL 30-1** Normally open ..... .93  
**GRAYHILL 30-2** Normally closed ..... .93

## MINIATURE ROTARY TAP SWITCHES Fig. (D)

Rated to break 1 amp. 115 V.A.C. resistive or carry 5 amps as selector. All non-shorting. Internal stops at all positions except "which is continuous. Mc'amine housing; Silver plated contacts and rotor. Single deck size 1-1/32" Diam. x 15/32", 2 deck size 1 1/4" Diam. x 1 1/4". Shaft diam. 1/8" Bushing 1/4" long 3/32 thread. Positions are shown per deck. Available up to 6 decks on order. Shpg. wt., 5 oz.

No.	Decks	Pos.	Net	No.	Decks	Pos.	Net
5001-2	1	2	1.27	5001-7	1	7	1.52
5001-3	1	3	1.32	5001-8	1	8	1.57
5001-4	1	4	1.37	5001-10*	1	10	1.67
5001-5	1	5	1.42	5002-2	2	2	2.94
5001-6	1	6	1.47	5002-10	2	10	3.72



## GUARDIAN SERIES 200 (UNIVERSAL)

Assorted coils, contact assemblies and contact parts sets for assembling over 70 different relays. Contact assemblies come either in standard or midjet sizes. Both sizes can be used with standard coils. Contacts are rated at 115 volts, 60 cycle AC, with non-inductive load. Use parts sets for adding additional poles to standard contacts. Size: standard relay 2 1/4" x 1 1/4" x 1 1/4", midjet relay 2 1/16" x 1 1/4" x 1 1/4". Av. shpg. wt. 4 oz.

### RELAY COILS

VOLTS	STOCK NO.		NET EACH		
	ACT TYPE	DC TYPE	1-24	25-49	50-99
6	RY-410	RY-411	1.75	1.58	1.49
12	RY-412	RY-413	1.75	1.58	1.49
24	RY-414	RY-415	1.75	1.58	1.49
32	—	RY-416	1.90	1.71	1.62
110-115	RY-417	RY-418	2.05	1.85	1.74
230	RY-419	—	2.70	2.43	2.30
5000Ω*	—	RY-420	2.20	1.89	1.78

\*For Current Type Operation

### CONTACT ASSEMBLIES

STOCK NO.	Description	NET EACH		
		1-24	25-49	50-99
RY-421	Std. SPDT, 8 Amps	1.50	1.35	1.28
RY-422	Std. DPDT, 8 Amps	2.00	1.80	1.70
RY-423	Std. DPDT, 12.5 Amps	2.25	2.03	1.91
RY-424	Std. SPDT, 8 Amps	3.50	3.15	2.98
RY-425	Midjet SPDT, 8 Amps	1.40	1.26	1.19
RY-426	Midjet DPDT, 8 Amps	1.75	1.58	1.49
RY-427	Midjet 4PDT, 8 Amps	2.85	2.57	2.42
RY-428	Std. Parts set for 200-1 and 200-2	1.50	1.35	1.28
RY-429	Midjet Parts set for 200-M1 and 200-M2	1.50	1.35	1.28



## CRL MINIATURE PHENOLIC SWITCHES

PA-1000 Series. Phenolic-insulated switches for limited space applications. 30 indexing, adjustable stop. 1 1/4" x 1-5/16" dia. Shaft, 1 1/8" long. Rated 2 amps @ 15V DC, 150 ma. @ 110V AC. Shpg. wt., 5 oz.

Short- ing Type	Non- ing Type	Sec. Tions	Total Poles	Pole Pos.	NET EACH			
					1-9	10-24	25-49 50-99	
1000	1001	1	1	2-11	1.47	1.32	1.22	1.19
1002	1003	1	2	2-5	1.47	1.32	1.22	1.19
1004	1005	2	2	2-11	2.12	1.90	1.76	1.71
1006	1007	1	3	2-3	1.47	1.32	1.22	1.19
1008	1009	3	3	2-11	2.65	2.38	2.20	2.14
1010	1011	1	4	2	1.47	1.32	1.22	1.19
1012	1013	2	4	2-5	2.12	1.90	1.76	1.71
1014	1015	4	4	2-11	3.12	2.80	2.59	2.52
1016	1017	5	5	2-11	3.64	3.28	3.03	2.94
1018	1019	2	6	2-3	2.12	1.90	1.76	1.71
1020	1021	3	6	2-5	2.65	2.38	2.20	2.14
1024	1025	2	8	2	2.12	1.90	1.76	1.71
1026	1027	4	8	2-5	3.12	2.80	2.59	2.52
1028	1029	3	12	2	2.65	2.38	2.20	2.14

## CRL MINIATURE STEATITE SWITCHES

PA-2000 Series. Precision Constructed Rotary Switches Provide excellent RF characteristics. Rated 2 amps @ 15 v. DC, 150 ma. @ 110 v. AC +1 off, up to 9 progressively shorting positions. Switch 1 1/4" x 1-5/16" dia. Shaft 1 1/8" long. Ave. Shpg. wt., 4 oz. per section.

Short- ing Type	Non- ing Type	Sec. Tions	Total Poles	Pole Pos.	NET EACH			
					1-9	10-24	25-49 50-99	
2042*	1	1	2-10	1.76	1.59	1.47	1.43	
2000	2001	1	1	2-12	1.94	1.74	1.62	1.57
2002	2003	1	2	2-6	1.94	1.74	1.62	1.57
2004	2005	2	2	2-12	2.76	2.49	2.30	2.23
2006	2007	1	3	2-5	1.94	1.74	1.62	1.57
2008	2009	3	3	2-12	3.53	3.18	2.94	2.85
2010	2011	2	4	2-6	2.76	2.49	2.30	2.23
2012	2013	4	4	2-12	4.23	3.81	3.53	3.42
2014	2015	1	5	2-3	1.94	1.74	1.62	1.57
2016	2017	5	5	2-12	5.06	4.55	4.21	4.08
2018	2019	1	6	2	1.94	1.74	1.62	1.57
2020	2021	2	6	2-5	2.76	2.49	2.30	2.23
2022	2023	3	6	2-6	3.53	3.18	2.94	2.85
2024	2025	6	6	2-12	5.88	5.29	4.90	4.75
2026	2027	4	8	2-6	4.23	3.81	3.53	3.42
2028	2029	3	9	2-5	3.53	3.18	2.94	2.85
2030	2031	2	10	2-3	2.76	2.49	2.30	2.23
2034	2035	2	12	2	2.76	2.49	2.30	2.23
2038	2039	3	15	2-3	3.82	3.44	3.18	3.09
2040	2041	3	18	2	3.82	3.44	3.18	3.09

## AMPERITE THERMOSTATIC DELAY RELAYS



Heater-actuated time-delay relays. Operate on AC, DC or pulsating current. Hermetically sealed in glass envelope with actol 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 mfrs. no. and our stock no. **RY-440** Net each 2.35

DELAY SEC.	NORMALLY OPEN		NORMALLY CLOSED	
	6.3V AC-DC	115V AC-DC	6.3V AC-DC	115V AC-DC
2	6NO2	115NO2	6C2	115C2
5	6NO5	115NO5	6C5	115C5
10	6NO10	115NO10	6C10	115C10
15	6NO15	115NO15	6C15	115C15
20	6NO20	115NO20	6C20	115C20
30	6NO30	115NO30	6C30	115C30
45	6NO45	115NO45	6C45	115C45
60	6NO60	115NO60	6C60	115C60
75	6NO75	115NO75	6C75	115C75
90	6NO90	115NO90	6C90	115C90
120	6NO120	115NO120	6C120	115C120
150	6NO150	—	6C150	—
180	6NO180	—	6C180	—

MINIATURE RELAYS. All above types available in miniature sizes. 9-pin, 3/4" x 2 1/4" x 2 1/4". When ordering, specify type no., adding letter "T" following type number. Example: 6NO2T and our Stock No. Shpg. wt., 3 oz. **RY-441** Net each 2.35

## HURST 40 INCH-OUNCE SYNCHRONOUS MOTORS MODEL SM



- FOR HEAVY DUTY CONTINUOUS TIMING
- SHOCK AND VIBRATION RESISTANT
- COMPACT • INSTANT STARTING

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. Start instantly at full torque (40 inch-ounces at 1 rpm). Will not overheat during continuous operation nor in a stall position. Gear trains withstand loads more than 3 times rated capacity. Rotate right facing shaft. Size 2 1/2" dia. x 1 1/2" deep; shaft 1 1/8" long. Power requirements 95-130 V 60 cycle AC; 7 watts. Shpg. wt., 1 lb.

STOCK NO.	OUTPUT SPEED	NET EACH			
		1-17	18-35	36-71	72-107
SS-10	1 RPM	6.75	6.40	6.07	5.40
SS-11	4 RPM				
SS-12	6 RPM				
SS-13	10 RPM				
SS-14	30 RPM				
SS-15	60 RPM	(May be assorted for quantity prices)			



## FEDERAL ANTI-CAPACITY SWITCHES

Positive action switches for specialized applications. These lever switches are of the cam-roller type, with graphite impregnated bearing. Silver-plated phosphor bronze blades with pure silver contacts. Molded bakelite insulation and chrome faceplate. All are normally open. 2 1/2" x 5" x 3/8". Av. Shpg. wt. 5 oz.

Type	Contacts	Net Each
1427	DPST	2.53
1425	DPDT	2.53
1424	4PDT	2.84
12494	8PDT	6.20



## 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 shell available in red or black. Suitable for low level circuits only. Threaded 1/8" bushing. 11/16" long, requires 3/8" behind panel. Shpg wt. 3 oz.

Block Type	Red Type	Contacts	Net
961	951	SPST, Normally open	.53
962	952	SPST, Normally closed	.53
963	953	SPDT	.59

# TIMERS for HOME OFFICE & INDUSTRY



T101



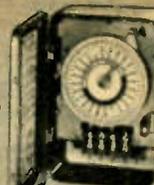
T185



T171



T109



T965

## 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. Has convenient mounting holes and knockouts. Large numbers — easy to read — easy to set. Gray steel case with knockouts — hinged door — can be locked or sealed. UL approved. Operates on 110 volt 60 cycle AC only. Size 7 $\frac{1}{2}$ " L x 5" W x 3" D. Shpg. wt., 4 lbs. MS-82 Net **7.77**

P101. Similar to T101 except case is equipped with 6 ft. cord set for plug-in and receptacle. Capacity 1250 watts MS-360 Shpg. wt., 6 lbs. **9.07**

## TYPE T185 5-to-60 MINUTE TIME SWITCH

- UP TO 14 COMPLETE "ON-OFF" CYCLES.
- EACH CYCLE INDIVIDUALLY ADJUSTABLE FOR 5 TO 60 MINUTE OPERATION.
- 4000 WATT CAPACITY.

Here is an unusually versatile timer that has distinguished itself in the home, on the farm and in industry, in 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 placed on the same dial at the same time. Minimum interval between start of each cycle, 1 $\frac{1}{2}$  hrs. Large, silver, snap-action contacts rated 35 amps. 125 volts, AC. 4000 watt capacity. High-torque slow-speed dependable precise timing motor. Gray steel case, 7 $\frac{1}{2}$ " x 5" x 3". Supplied with 3 trippers (for 3 "on-off" cycles). For 110-125 volts, 60 cycles, AC. Shpg. wt., 4 lbs.

MS-143 Net **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. Snap action contacts rated at 35 amps at 125 volts. Min. on or off time 1 hour, maximum 23 hours. Size 7 $\frac{1}{2}$ " x 5" x 3". Shpg. wt., 4 lbs. For 110-120V. 60 cycle AC operation. S.P.S.T. — Skips "ON" Operation.

MS-130 Net **11.67**

Type T175—Single Pole Double Throw. Opens one circuit and closes another. Skips either "ON" or "OFF" operation.

MS-146 Shpg. wt., 4 lbs. Net **12.97**

Type P171 — Portable Plug-In version of Type T171. Switch SPST. Capacity 1250 watts (contacts 10 amps)

MS-361 Shpg. wt., 6 lbs. Net **12.97**

## TYPE T109 POULTRY TIME SWITCH

- MORE LIGHT, MORE EGGS, MORE PROFIT, HEALTHY HENS!

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 $\frac{1}{2}$ " x 5" x 3". For 110 to 125 volts, 60 cycle, AC. Shpg. wt., 4 lbs.

MS-145 Net **8.42**

## SWITCH ACCESSORIES

EXTRA TRIPPERS — Set of ON and OFF Trippers (one each)—to add additional operations to Types T101, T171 P101 and P171 time switches.

MS-83 per set Shpg. wt., 4 oz. Net **.26**

SKIPPING SCREWS — For "Skipper" types only.

MS-133 Shpg. wt., 4 oz. Net **.04**

CUT-OUT TRIPPER — For "Skipper" types only.

MS-134 Shpg. wt., 4 oz. Net **.18**

## TYPE T965 TIME SWITCH

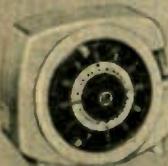
- FOR 1 TO 96 ON-OFF OPERATIONS EVERY 24 HOURS.

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 durations 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, program timing, 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 clamp. 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 $\frac{1}{2}$ " x 5" x 3". Shpg. wt., 4 lbs.

MS-362 — For 105-125V, 60 cycle AC. Net **24.38**

Type P961 — Portable Plug-in version of Type T965. Contacts rated 10 amps at 125 volts—60 cycle AC.

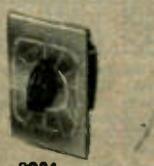
MS-363 Shpg. wt., 6 lbs. Net **25.68**



A211



A401



9024



2130



2090



78174

## INTERMATIC TIMERS

### MODEL A211 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. 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" x 4" x 2 $\frac{1}{2}$ ". Shpg. wt., 2 lbs.

MS-81 Net **7.97**

MODEL A221 TIME-ALL Similar to A211 except has capacity of 875 watts.

MS-359 Shpg. wt., 2 lbs. **6.64**

### MODEL A401 CLOCK TIMER

Not only tells time, but turns appliances both on and off automatically for periods of 15 minutes to 3 $\frac{1}{2}$  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. Plaston case 4 $\frac{1}{2}$ " H x 4 $\frac{1}{2}$ " W x 2 $\frac{1}{4}$ " D. 6 ft. cord. For 110V 60 cycle AC. Guaranteed for 1 year. Shpg. Wt., 3 lbs. Price includes excise tax.

MS-104 Net **9.38**

## 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 $\frac{1}{2}$ " H x 3" W; switch 2 $\frac{1}{2}$ " H x 1 $\frac{1}{2}$ " W x 1 $\frac{1}{4}$ " D. Fits any standard rectangular wall box. Shpg. wt., 3 lbs.

MODEL 9024 — time range up to 1 hour

MS-135 Net **4.86**

MODEL 9015 — time range up to 12 hours Shpg. wt., 3 lbs.

MS-136 Net **5.62**

## 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. 4" x 2 $\frac{1}{2}$ ". Shpg. wt., 2 lbs.

MS-294 Net **4.68**

## 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 $\frac{1}{2}$ " x 3" x 1 $\frac{1}{2}$ ". Shpg. wt., 1 $\frac{1}{4}$  lbs.

MS-295 Net **2.95**

## 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 **6.72**

ALL PRICES IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

# POTTER AND BRUMFIELD RELAYS

## POWER TYPE RELAYS

## GENERAL PURPOSE RELAYS



**MR SERIES**—Medium duty relays for small motors, transmitters, etc. Silver contacts rated at 8 amps except normally open contacts rated at 10 amps. Mtg. 2-5/32" diam. on 2 1/2" centers for SP and 3P, and 2 1/2" center for DP. Size: 2-21/32 x 1-5/16 x 1 1/4" (SP), 2-31/32 x 2-5/32 x 1-11/16" (DP). AC coils draw 4-5VA; DC 1.5 watts. Av. Shpg. wt., 8 oz.



**PR SERIES**—For heavy duty industrial control use. Silver contacts rated at 15 amps, except 1" of 20 amps. Power .7 to 10 v.a. — contacts normally open. A.C. coils for 60 cps. Mtg. 2-3/16" diam. on 1 1/2" centers. Size, 2 1/2 x 2 1/2 x 3 3/4". Av. Shpg. wt., 12 oz.



**KRP SERIES**—Versatile multi-contact relays. Enclosed in polystyrene dust cover. Std. octal-type plug 8 pin for KRP5's and KRP11's, 11 pin for KRP14's. Silver contacts rated at 10 amps. Size, 2 x 1-13/32 x 1-13/32". Shpg. wt., 5 oz.

STOCK #	COIL VOLTS	TYPE MR3A AND MR3D SPST*			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-10	6VAC	3.65	3.47	3.28	2.92
RY-11	24VAC	3.65	3.47	3.28	2.92
RY-12	115VAC	3.65	3.47	3.28	2.92
RY-13	6VDC	3.35	3.18	3.02	2.69
RY-14	12VDC	3.35	3.18	3.02	2.69
RY-15	24VDC	3.35	3.18	3.02	2.69
TYPE MR5A AND MR5D SPDT					
RY-16	6VAC	3.30	3.13	2.97	2.64
RY-17	24VAC	3.30	3.13	2.97	2.64
RY-18	115VAC	3.30	3.13	2.97	2.64
RY-19	230VAC	3.70	3.52	3.33	2.96
RY-20	6VDC	3.05	2.89	2.74	2.44
RY-21	12VDC	3.05	2.89	2.74	2.44
RY-22	24VDC	3.05	2.89	2.74	2.44
TYPE MR11A AND MR11D DPDT					
RY-23	6VAC	4.60	4.37	4.14	3.69
RY-24	24VAC	4.60	4.37	4.14	3.69
RY-25	115VAC	4.60	4.37	4.14	3.69
RY-26	230VAC	5.00	4.75	4.50	4.00
RY-27	6VDC	4.40	4.18	3.96	3.53
RY-28	12VDC	4.40	4.18	3.96	3.53
RY-29	24VDC	4.40	4.18	3.96	3.53
TYPE MR14A AND MR14D 3PDT					
RY-30	6VAC	5.55	5.28	4.99	4.43
RY-31	24VAC	5.55	5.28	4.99	4.43
RY-32	115VAC	5.55	5.28	4.99	4.43
RY-33	230VAC	5.95	5.65	5.35	4.76
RY-34	6VDC	5.20	4.94	4.68	4.16
RY-35	14VDC	5.20	4.94	4.68	4.16
RY-36	24VDC	5.20	4.94	4.68	4.16



**MP SERIES**—Snap action SPDT relays. Ideal for starting split phase o.c. motors. Silver contacts rated at 15 amps. AC coils are for 60 cps. Mtg. 4-No. 6-32 topped holes, 1/2 x 3/8" on center. Size, 1 1/4 x 2-5/16". Av. Shpg. wt., 4 oz.

STOCK #	COIL VOLTS	TYPE MP5A AND MP5D			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-57	6VAC	5.70	5.42	5.13	4.56
RY-58	24VAC	5.70	5.42	5.13	4.56
RY-59	115VAC	5.70	5.42	5.13	4.56
RY-60	230VAC	5.95	5.65	5.35	4.76
RY-61	110VDC	6.50	6.18	5.85	5.20



**P5 SERIES**—Extremely compact long life power relays. Solder type terminals. DPDT silver contacts rated at 10 amps. Mtg. 4-No. 6-32 topped holes on 1/2" x 1-5/16" centers. Shpg. wt., 8 oz.

STOCK #	COIL VOLTS	TYPE PS11A AND PS11D			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-62	6VAC	7.60	7.22	6.84	6.08
RY-63	24VAC	7.60	7.22	6.84	6.08
RY-64	115VAC	7.60	7.22	6.84	6.08
RY-65	230VAC	8.00	7.60	7.20	6.40
RY-66	110VDC	6.95	6.60	6.25	5.56



**ABC SERIES**—For small motors, industrial controls and other medium power uses. DPDT silver contacts rated at 10 amps. With dust cover, snap on and screw connectors. Mtg. 2-No. 8-32 stands 3/8" long. Size: 1-13/32 x 3 x 2-3/32". Shpg. wt., 12 oz.

STOCK #	COIL VOLTS	TYPE ABC11AY AND ABC11D			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-67	6VAC	6.10	5.80	5.50	4.90
RY-68	24VAC	6.10	5.80	5.50	4.90
RY-69	115VAC	6.10	5.80	5.50	4.90
RY-70	230VAC	6.50	6.17	5.85	5.20
RY-71	110VDC	6.50	6.17	5.85	5.20

STOCK #	COIL VOLTS	TYPE PR3AY AND PR3D +SPST*			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-37	6VAC	3.95	3.75	3.55	3.16
RY-38	24VAC	3.95	3.75	3.55	3.16
RY-39	115VAC	3.95	3.75	3.55	3.16
RY-40	230VAC	4.30	4.08	3.86	3.43
RY-41	110VDC	4.55	4.32	4.09	3.64
TYPE PR5AY AND PR5D SPDT					
RY-42	6VAC	4.15	3.94	3.73	3.32
RY-43	24VAC	4.15	3.94	3.73	3.32
RY-44	115VAC	4.15	3.94	3.73	3.32
RY-45	230VAC	4.55	4.32	4.09	3.64
RY-46	110VDC	4.75	4.51	4.27	3.80
TYPE PR7AY AND PR7D DPST					
RY-47	6VAC	4.65	4.42	4.19	3.72
RY-48	24VAC	4.65	4.42	4.19	3.72
RY-49	115VAC	4.65	4.42	4.19	3.72
RY-50	230VAC	5.05	4.79	4.54	4.04
RY-51	110VDC	5.25	4.98	4.72	4.20
TYPE PR11AY AND PR11D DPDT					
RY-52	6VAC	6.15	5.84	5.53	4.92
RY-53	24VAC	6.15	5.84	5.53	4.92
RY-54	115VAC	6.15	5.84	5.53	4.92
RY-55	230VAC	6.55	6.22	5.89	5.24
RY-56	110VDC	6.75	6.41	6.07	5.40



**Type CA3A**—Small size, high power relays. Solder terminals. SPST, normally open, double break contacts, rated at 10 amps. Mtg. 2-3/16" diam. holes on 2-7/32" centers. Size, 1-11/16 x 1 1/4 x 2 3/8". Shpg. wt., 3 oz.



**Type SP11A**—Medium duty shock proof relays, with balanced armature for all angle mounting. DPDT silver contacts rated at 5 amps, 115 v. AC. AC coils for 60 cps. Mtg. 2-No. 6-32 topped holes on 13/16" centers. Size 1-23/32 x 1 1/2 x 2-7/16". Shpg. wt., 10 oz.

STOCK #	COIL VOLTS	TYPE AB11AY AND AB11D			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-75	6VAC	6.50	6.17	5.85	5.20
RY-76	24VAC	6.50	6.17	5.85	5.20
RY-77	115VAC	6.50	6.17	5.85	5.20



**AB SERIES**—For appliance and general purpose operations. Rugged and quiet DPDT silver contacts, rated at 10 amps. Mtg. 2-No. 8-32 topped holes on 1 1/2" centers. Size, 1-29/32 x 1 1/2 x 3". Av. Shpg. wt., 8 oz.

STOCK #	COIL VOLTS	TYPE MB3D			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-78	6VAC	5.05	4.80	4.55	4.05
RY-79	24VAC	5.05	4.80	4.55	4.05
RY-80	115VAC	5.05	4.80	4.55	4.05
RY-81	230VAC	5.45	5.17	4.90	4.36
RY-82	110VDC	5.45	5.17	4.90	4.36



**Type MB3D**—Miniature dc contactors. Silver contacts rated at 60 amps; solder terminals. Mtg. 4-No. 3-48 holes on 3/8 x 3/8" centers. Size, 1-13/32 x 27/32 x 1-21/32". Shpg. wt., 10 oz.

STOCK #	COIL VOLTS	TYPE GA11A AND GA11D DPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-83	6VDC	5.15	4.89	4.79	4.13
RY-84	12VDC	5.25	4.99	4.72	4.19
RY-85	24VDC	5.25	4.99	4.72	4.19
RY-86	110VDC	5.65	5.37	5.09	4.52

STOCK #	COIL VOLTS	TYPE KRP5AG AND KRP5DG SPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-87	6VAC	5.30	5.03	4.77	4.24
RY-88	24VAC	5.30	5.03	4.77	4.24
RY-89	115VAC	5.30	5.03	4.77	4.24
RY-90	6VDC	5.25	4.99	4.73	4.21
RY-91	12VDC	5.25	4.99	4.73	4.21
RY-92	24VDC	5.25	4.99	4.73	4.21

STOCK #	COIL VOLTS	TYPE KRP11AG AND KRP11DG DPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-93	6VAC	5.95	5.66	5.36	4.75
RY-94	24VAC	5.95	5.66	5.36	4.75
RY-95	115VAC	5.95	5.66	5.36	4.75
RY-96	6VDC	5.90	5.61	5.31	4.70
RY-97	12VDC	5.90	5.61	5.31	4.70
RY-98	24VDC	5.90	5.61	5.31	4.70

STOCK #	COIL VOLTS	TYPE KRP14AG AND KRP14DG 3PDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-99	6VAC	7.45	7.08	6.71	5.95
RY-100	24VAC	7.45	7.08	6.71	5.95
RY-101	115VAC	7.45	7.08	6.71	5.95
RY-102	6VDC	7.40	7.03	6.66	5.90
RY-103	12VDC	7.40	7.03	6.66	5.90
RY-104	24VDC	7.40	7.03	6.66	5.90

Amphenol 146-103 Sockets. For KRP relays except KRP14's. Barrier type octal sockets. Meets N.E.M.A. and UL requirements. Mtg. centers 1-11/16". Shpg. wt., 5 oz. Net 96c

Amphenol 77M1P11 Sockets. 11 pin socket for KRP14 relays. With retainer ring. Requires 1/8" hole. Net 13c Shpg. wt., 2 oz.



**KA SERIES**—For 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 1/2 x 1-1/16 x 1-27/32". Shpg. wt., 6 oz.

STOCK #	COIL VOLTS	TYPE KASAY AND KASD SPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-105	6VAC	3.05	2.90	2.75	2.45
RY-106	24VAC	3.05	2.90	2.75	2.45
RY-107	115VAC	3.05	2.90	2.75	2.45
RY-108	6VDC	2.90	2.76	2.61	2.32
RY-109	12VDC	2.90	2.76	2.61	2.32
RY-110	24VDC	2.90	2.76	2.61	2.32

STOCK #	COIL VOLTS	TYPE KA11AY AND KA11D DPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-111	6VAC	3.65	3.47	3.28	2.92
RY-112	24VAC	3.65	3.47	3.28	2.92
RY-113	115VAC	3.65	3.47	3.28	2.92
RY-114	6VDC	3.25	3.09	2.92	2.60
RY-115	12VDC	3.25	3.09	2.92	2.60
RY-116	24VDC	3.25	3.09	2.92	2.60

STOCK #	COIL VOLTS	TYPE KA14AY AND KA14D 3PDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-117	6VAC	4.05	3.85	3.65	3.25
RY-118	24VAC	4.05	3.85	3.65	3.25
RY-119	115VAC	4.05	3.85	3.65	3.25
RY-120	6VDC	3.65	3.47	3.28	2.92
RY-121	12VDC	3.65	3.47	3.28	2.92
RY-122	24VDC	3.65	3.47	3.28	2.92



**GA SERIES**—Multiple leaf, all purpose relays, permitting a wide range of contact combinations. Moisture and shock resistant. Silver plated contacts rated at 5 amps. AC coils for 60 cps. Mtg. No. 8-32 topped core with locating bars. Size: 25/32 x 1 x 1-11/16". Shpg. wt., 10 oz.

STOCK #	COIL VOLTS	TYPE GA11A AND GA11D DPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-123	6VAC	3.20	3.04	2.87	2.56
RY-124	24VAC	3.20	3.04	2.87	2.56
RY-125	115VAC	3.20	3.04	2.87	2.56
RY-126	6VDC	3.20	3.04	2.87	2.56
RY-127	12VDC	3.20	3.04	2.87	2.56
RY-128	24VDC	3.20	3.04	2.87	2.56

STOCK #	COIL VOLTS	TYPE GA17A AND GA17D 4PDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-129	6VAC	4.60	4.37	4.13	3.70
RY-130	24VAC	4.60	4.37	4.13	3.70
RY-131	115VAC	4.60	4.37	4.13	3.70
RY-132	6VDC	4.60	4.37	4.13	3.70
RY-133	12VDC	4.60	4.37	4.13	3.70
RY-134	24VDC	4.60	4.37		

# 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 KCP14's 11 pins. Size, 2 x 1 13/32 x 1 13/32". Shpg. wt., 5 oz. Specify coil.



STOCK NO.	COIL OHMS	TYPE KCP5 SPDT				
		COIL MA.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-135	2500	7.2	5.60	5.32	5.04	4.48
RY-136	5000	5.0	5.70	5.45	5.13	4.56
RY-137	10000	3.0	6.10	5.79	5.48	4.86

STOCK NO.	COIL OHMS	TYPE KCP11 DPDT				
		COIL MA.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-138	2500	10.0	6.00	5.70	5.40	4.80
RY-139	5000	7.2	6.10	5.80	5.49	4.88
RY-140	10000	5.0	6.50	6.18	5.85	5.20

STOCK NO.	COIL OHMS	TYPE KCP14 SPDT				
		COIL MA.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-141	2500	12.3	7.40	7.03	6.66	5.92
RY-142	5000	8.7	7.50	7.13	6.75	6.00
RY-143	10000	6.1	7.90	7.51	7.11	6.32

**Amphenol 146-103 sockets.** For KCP relays except KCP14's. Bainer type octal sockets. Meets N.E.M.S. and U.I. requirements. Mtg. centers 1 11/16". Shpg. wt., 5 oz. Net 9¢

**Amphenol 77M1P11 sockets.** 11 pin socket for KCP14's. With retainer ring. Requires 1 1/8" hole. Shpg. wt., 2 oz. Net 13¢

**TYPE LBS.** Low cost, fast-acting units. Break-down 500 V. rms min. SPDT silver contacts rated at 5 amps. Mtg. 2-3/16" dia. on 2 7/32" centers. Size 1 3/8 x 1 1/4 x 2 21/32". For DC only. Shpg. wt., 5 oz.

STOCK NO.	COIL OHMS	TYPE LBS			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-144	2500	2.35	2.23	2.11	1.88
RY-145	5000	2.55	2.42	2.29	2.04
RY-146	10000	2.70	2.57	2.43	2.16

**LM SERIES.** High quality plate circuit relays with sensitivity of 100 mw. for single pole. Adjustable pull-in. Silver contacts rated at 5 amps, 115 v., 60 cps. Actions: LMS's are SPDT; LM11's, DPDT. Mtg. 2-no. 6-32 tapped holes on 1 13/16" centers. Size, 2 9/16 x 2 1/4 x 2 3/16". Shpg. wt., 9 oz.

STOCK NO.	COIL OHMS	TYPE LMS SPDT				
		COIL MA.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-147	2500	6.3	3.70	3.52	3.33	2.96
RY-148	5000	4.5	3.90	3.70	3.50	3.11
RY-149	10000	3.2	4.20	3.99	3.78	3.36

STOCK NO.	COIL OHMS	TYPE LM11 DPDT				
		COIL MA.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-150	2500	9.0	5.30	5.02	4.76	4.14
RY-151	5000	6.3	5.60	5.32	5.04	4.48
RY-152	10000	4.5	6.05	5.76	5.53	4.83

## SPECIAL PURPOSE RELAYS

**KM SERIES.** Sub-Miniature Relays. Tiny 3-pole relays weighing only 7/8 oz. For multiple switching. Solder lug terminals. Mtg. no. 2-56 tapped case and locating bars. Size, 53/64 x 35/64 x 1 1/8". Shpg. wt., 1 oz.

STOCK NO.	COIL VOLTS	TYPE KMS0 SPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-185	6VDC	3.20	3.04	2.88	2.56
RY-186	12VDC	3.20	3.04	2.88	2.56
RY-187	24VDC	3.20	3.04	2.88	2.56

STOCK NO.	COIL VOLTS	TYPE KM11D DPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-188	6VDC	3.50	3.32	3.15	2.80
RY-189	12VDC	3.50	3.32	3.15	2.80
RY-190	24VDC	3.50	3.32	3.15	2.80

STOCK NO.	COIL VOLTS	TYPE KM14D SPDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-191	6VDC	4.05	3.84	3.64	3.24
RY-192	12VDC	4.05	3.84	3.64	3.24
RY-193	24VDC	4.05	3.84	3.64	3.24

**TYPE KB17AG & KB14DG, 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. 2-5/32" holes on 1 1/8" centers. Size, 2 3/32 x 1 25/32 x 2 15/16". Shpg. wt., 10 oz. \*60 cycle.

STOCK NO.	COIL VOLTS	TYPE KB17AG				TYPE KB14DG			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-167	115VAC	10.10	9.60	9.09	8.08	10.10	9.60	9.09	8.08
RY-168	24VAC	10.10	9.60	9.09	8.08	10.10	9.60	9.09	8.08
RY-169	6VAC	10.10	9.60	9.09	8.08	10.10	9.60	9.09	8.08
RY-170	110VDC	10.40	9.88	9.36	8.32	10.40	9.88	9.36	8.32
RY-171	24VDC	9.20	8.74	8.28	7.36	9.20	8.74	8.28	7.36
RY-172	6VDC	9.20	8.74	8.28	7.36	9.20	8.74	8.28	7.36

**PW SERIES.** Precision light weight hermetically sealed DC relays for aircraft and missile use. Sensitivity: 40 mw for current actuated units, 175 m.w. 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 1/2 dia. x 1 11/16". Plate circuit type. Av. shpg. wt., 2 oz.



STOCK NO.	COIL V. or Ma.	TYPE PWS05				
		COIL OHMS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-153	6V	202	10.25	9.78	9.23	8.21
RY-154	12V	810	10.25	9.75	9.23	8.21
RY-155	24V	3240	10.25	9.75	9.23	8.21

STOCK NO.	COIL V. or Ma.	TYPE PWS15*				
		COIL OHMS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-156	2.8MA	5000	10.60	10.07	9.54	8.48
RY-157	2MA	10000	11.00	10.45	9.90	8.80

**TYPE RSSD.** Low cost, light weight, sensitive relays for radiotele, light dimmer and model uses. 60 mw sensitivity. SPDT bar palladium contacts rated at 2 amps, 115 v ac or 28 v dc. Mtg. 2-4-40 screws. Size, 29/32 x 1 x 1 5/32". Av. shpg. wt., 3 oz.

STOCK NO.	COIL V. or Ma.	TYPE RSSD				
		COIL OHMS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-158	6V	335	2.50	2.38	2.25	2.00
RY-159	5.0MA	2500	2.70	2.57	2.43	2.16
RY-160	3.5MA	5000	3.00	2.85	2.70	2.40
RY-161	2.5MA	10000	3.45	3.29	3.10	2.76

**SM SERIES.** Midsize, sensitive, hermetically sealed relays, for computers, model airplanes and similar uses. SPDT silver-rhodium contacts rated at 1/2 amp. Extremely long life. Mtg. std 7-pin miniature tube socket. Size, 1/2 dia x 1 11/16". \*Current-actuated, plate circuit type. Av. shpg. wt., 3 oz.

STOCK NO.	COIL V. or Ma.	TYPE SMDS5				
		COIL OHMS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-162	6VDC	80	6.25	5.94	5.62	5.00
RY-163	24VDC	900	6.25	5.94	5.62	5.00

**TYPE SMSL5\***

STOCK NO.	COIL V. or Ma.	TYPE SMSL5*				
		COIL OHMS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-164	3.8MA	5000	6.55	6.22	5.89	5.24
RY-165	2.7MA	1000	7.00	6.65	6.30	5.60

**TYPE SSSD.** 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. Mtg. 2-no. 6-32 tapped holes on 23/32" centers. Size, 1 11/16 x 1 5/16 x 1 1/4". Shpg. wt., 8 oz.

STOCK NO.	COIL V. or Ma.	TYPE SSSD				
		COIL OHMS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-166	1-24, EA	12.00	25-50, EA	11.40		
	51-74, EA	10.80	75-99, EA	9.60		

**LK SERIES.** Hermetically sealed latching relays. 4PDT silver contacts rated at 5 amps. With solder terminal headers. Mtg. 3-no. 8-32 studs on 2 1/8" x 1/8" centers. Shpg. wt., 8 1/2 ozs.

STOCK NO.	P & B TYPE	COIL VOLTS	TYPE LK			
			1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-198	LK17AH	115V	19.00	18.05	17.10	15.20
RY-199	LK17DH	24V	18.50	17.57	16.65	14.80

**KE SERIES.** Subminiature Latching Relays. Mechanical latch, electrical release. Operates on momentary impulse to either coil. For intermittent duty only. Silver contacts rated at 2 amps. Mtg. 2-5/32" dia holes on 1 1/16" centers. \*Hermetically sealed, Mtg. requires 3-no. 6-32 studs. Size, 1 5/16 x 1 1/8 x 1 1/8". Shpg. wt., 4 oz. (open); 6 oz. (sealed).

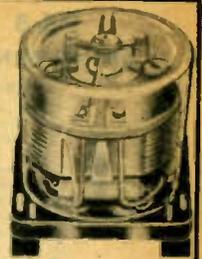
STOCK NO.	COIL VOLTS	TYPE KE17D AND KE17 DM*				TYPE 4PDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-173	6VDC	9.00	8.55	8.10	7.20	9.00	8.55	8.10	7.20
RY-174	12VDC	9.00	8.55	8.10	7.20	9.00	8.55	8.10	7.20
RY-175	24VDC	9.00	8.55	8.10	7.20	9.00	8.55	8.10	7.20
RY-176	6VDC*	19.50	18.52	17.55	15.60	19.50	18.52	17.55	15.60
RY-177	12VDC*	19.50	18.52	17.55	15.60	19.50	18.52	17.55	15.60
RY-178	24VDC*	19.50	18.52	17.55	15.60	19.50	18.52	17.55	15.60

STOCK NO.	COIL VOLTS	TYPE KE23D AND KE23DM* 6PDT			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-179	6VDC	11.50	10.92	10.35	9.20
RY-180	12VDC	11.50	10.92	10.35	9.20
RY-181	14VDC	11.50	10.92	10.35	9.20
RY-182	6VDC*	25.00	23.75	22.50	20.00
RY-183	12VDC*	25.00	23.75	22.50	20.00
RY-184	24VDC*	25.00	23.75	22.50	20.00

## LAFAYETTE SPECIAL!

### HIGH SENSITIVITY METER RELAY

- METER MOVEMENT
- CLOSURES 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 milliamperes. Internal resistance 1500 ohms. 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 1/4 x 1 1/8 x 1 1/4". Shpg. wt., 8 ozs. F-482 Net 3.95

**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 experimental work. Silver contacts. AC coils for 60 cps. Size of assembled relay, 25/32 x 1 x 1-11/16". Av. Shpg. wt., 4 oz.

STOCK NO.	COIL VOLTS	TYPE GPA AND GPD			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-208	6VAC	1.55	1.47	1.39	1.24
RY-209	24VAC	1.55	1.47	1.39	1.24
RY-210	115VAC	1.55	1.47	1.39	1.24
RY-211	230VAC	2.00	1.90	1.80	1.60
RY-212	6VDC	2.00	1.90	1.80	1.60
RY-213	12VDC	2.00	1.90	1.80	1.60
RY-214	24VDC	2.00	1.90	1.80	1.60
RY-215	110VDC	3.00	2.85	2.70	2.40
RY-216	2500 ohms	1.45	1.37	1.30	1.16
RY-217	10K ohms	2.00	1.90	1.80	1.60

STOCK NO.	P & B TYPE	SWITCHES			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-218	GP11-DPDT	1.60	1.52	1.44	1.28
RY-219	GP17-4DPDT	2.80	2.66	2.52	2.24

**KL SERIES—**Compact, versatile multiple contact relays. Varied contact combinations and high dielectric phenolic insulation. 4PDT silver contacts rated at 5 amps, 115 volts, 60 cps. Mtg. 2-No. 6-32 tapped holes on 1-7/16" centers. Size, 1-15/16 x 1-23/32 x 2-1/32". Shpg. wt., 4 oz.

STOCK NO.	COIL VOLTS	TYPE KL17A AND KL17D			
		1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-221	24VAC	6.00	5.70	5.40	4.80
RY-222	115VAC	6.00	5.70	5.40	4.80
RY-223	24VDC	5			

# POTTER AND BRUMFIELD - KURMAN RELAYS

## P & B RELAYS

### MICRO-MINIATURE RELAYS



**SC SERIES.** Micro-miniature hermetically sealed permanent magnet relays, weighing only 3/4 oz. Single coil action. DPDT gold-plated palladium contacts rated at 1 amp. Coil voltage 24 v; coil resistance 550 ohms. Withstands 100g shock, 30g vibration to 2000 cps. Temp. range, -65° to +125° C. Size, 1 1/32 x 3/4 x 25/32". Shpg. wt., 3 oz. Type SC11D for plug-in to printed circuits. Type SC11DA for 2-3/32 x 3/4" holes on 1 1/16 centers. Type SC11DB for 4 1/4" dia holes on 1 2/32 x 9/32" centers.

STOCK NO.	P & B TYPE NO.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-228	SC11D	15.75	14.96	14.17	12.60
RY-229	SC11DA	15.75	14.96	14.17	12.60
RY-230	SC11DB	15.75	14.96	14.17	12.60



**SL SERIES.** Dual coil, hermetically sealed, micro miniature magnetic latching relays, weighing 3/4 oz. For low power, high shock/vibration uses. Coils may be connected in series for polar operation. DPDT gold-plated palladium contacts rated at 1 amp. Coil voltage 24 v; coil resistance 550 ohms. Withstands 100g shock, 30g vibration to 2000 cps. Temp. range, -65° to +125° C. Size, 1 1/32 x 3/4 x 25/32". Shpg. wt., 3 oz. Type SL11D for plug-in to printed circuits. Type SL11DA for 2-3/32 x 3/4" holes on 1 1/16 centers. Type SL11DB for 4 1/4" dia holes on 1-2/32 x 9/32" centers.

STOCK NO.	P & B TYPE NO.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-231	SL11D	17.25	16.39	15.52	13.80
RY-232	SL11DA	17.25	16.39	15.52	13.80
RY-233	SL11DB	17.25	16.39	15.52	13.80



**MG SERIES.** Subminiature telephone type relay for aircraft, computer, and other applications requiring good shock and/or vibration characteristics. Silver contacts rated at 2 amps. All are enclosed types. Mfg. 4 tapped No. 3-48 holes on 3/8" x 3/8" centers. Size: 1 7/32 x 1 1/16 x 1 3/32". Shpg. wt., 6 oz.

#### TYPE MG11D DPDT

STOCK NO.	COIL VOLTS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-245	6VDC	4.95	4.70	4.45	3.96
RY-246	12VDC	4.95	4.70	4.45	3.96
RY-247	24VDC	4.95	4.70	4.45	3.96
RY-248	110VDC	5.13	4.95	4.59	4.32

#### TYPE MG17D 4PDT

STOCK NO.	COIL VOLTS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-249	6VDC	6.60	6.27	5.94	5.28
RY-250	12VDC	6.60	6.27	5.94	5.28
RY-251	24VDC	6.60	6.27	5.94	5.28
RY-252	110VDC	7.05	6.69	6.34	5.64

#### TYPE MG17D 4PDT

STOCK NO.	COIL VOLTS	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-253	6VDC	11.00	10.45	9.90	8.80
RY-254	12VDC	11.00	10.45	9.90	8.80
RY-255	24VDC	11.00	10.45	9.90	8.80
RY-256	110VDC	11.60	11.02	10.44	9.28



**MH SERIES.** Miniature type. Silver contacts rated at 2 amps. All 4PDT except 4PDT Sealed. Mfg. MH11L—No. 6-32 tapped stud plus locating bore; all other models, 4-No. 3-48 holes on 3/8" x 3/8" ctrs. 1-9/16 x 25/32 x 1 1/8" (open); 2 1/2 x 1-1/32 x 1-11/16" (sealed). 5 oz. (open) & 6 oz. (sealed). MH17 Series 4.5MA

#### TYPE MH17A AND MH17D

STOCK NO.	COIL V or MA	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-234	6VAC	6.75	6.41	6.08	5.40
RY-235	24VAC	6.75	6.41	6.08	5.40
RY-236	115VAC	6.75	6.41	6.08	5.40
RY-237	6VDC	5.75	5.46	5.18	4.60
RY-238	24VDC	5.75	5.46	5.18	4.60

#### TYPE MH17A and MH17D

STOCK NO.	COIL V or MA	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-239	24VAC	25.00	23.75	22.50	20.00
RY-240	115VAC	19.00	18.09	17.10	15.20
RY-241	6VDC	11.60	11.02	10.44	9.28
RY-242	24VDC	11.60	11.02	10.44	9.28

STOCK NO.	P & B TYPE NO.	1-24 Each	25-50 Each	51-74 Each	75-99 Each
RY-243	MH11L	9.75	9.46	9.18	8.40
RY-244	MH11L*	9.70	9.21	8.73	7.76

## KURMAN RELAYS



**SERIES T002 - SUB-MINIATURE.** Highest quality sensitive relay meeting both military and commercial DC requirements. Sensitivity 4-40 milli-watts—DPDT. Mounting 2 4-40 screws on 1/2" centers. Size: 9.75 x 1 1/4". Shpg. wt., 9 oz.

STOCK NO.	Coil Resistance	Operating Current	1-10 Each	11-24 Each	25-50 Each	51-74 Each
RY-343	200Ω	4.5MA	15.10	14.35	13.69	12.84
RY-344	500Ω	2.8MA	16.25	15.44	14.63	13.81
RY-345	800Ω	2.2MA	16.75	15.91	15.08	14.24



**SERIES 51C-MIDGET.** Smallest lightest plate circuit relay offering self wiping contacts. DC only. Standard adjustment—10 Milliwatts. 51CB44 Factory adjusted at 5 Milliwatts. Adjustable 2 amp except 1 amp. SPDT Screw Contacts Mounting 2 6-32 tapped holes on 0.437" centers. Operating Current: 51CA43D 1.2MA, 44D-.06MA. Size: 1 1/32 x 1 3/8 x 15/16". Shpg. wt., 6 oz.

STOCK NO.	Kurman Type	Coil Resistance	1-10 Each	11-24 Each	25-50 Each	51-74 Each
RY-346	51CA43D	1000 ohms	5.50	5.22	4.95	4.67
RY-347	51CB44	1000 ohms	5.95	5.63	5.35	5.06



**SERIES 5D1C.** All standard operating characteristics of Series 51C enclosed in Polystyrene plug-in unit. Relay easily removable for adjustments. 8 pin octal plug-in. All 2 amps except 1 Amp. Operating current: 5D1CA37D 4.5MA, 40-2.3MA, 42D-1.4MA, 43D-1.2MA, 44D-.06MA. Size: 1 1/2" x 2 1/16". Shpg. wt., 9 oz.

STOCK NO.	Kurman Type	Coil Resistance	1-10 Each	11-24 Each	25-50 Each	51-74 Each
RY-348	5D1CA37D	500 ohms	5.95	5.65	5.35	5.06
RY-349	5D1CA40D	2000 ohms	5.95	5.65	5.35	5.06
RY-350	5D1CA42D	5000 ohms	6.50	6.17	5.85	5.53
RY-351	5D1CA43D	10000 ohms	6.50	6.17	5.85	5.53
RY-352	5D1CA44D	10000 ohms	6.95	6.60	6.25	5.71



**SERIES 23D-DUST COVERED MIDGET.** Light weight (1 1/2 oz.) sensitive relay, ideal for all circuits where space, economy and current drain are critical. SPDT. AC or DC operation. Adjustments screw contacts and spring tension. Mounting: 2 6-32 tapped holes on 0.437" centers. Enclosed in clear polystyrene case. Mounting: 8 in. octal plug-in. Size: 1 1/2" x 2 1/16". Shpg. wt., 9 oz.

#### TYPE 23D3B DC

Operating Current	23DR37-6.2 MA	40-3.0 MA	44-2.19 MA			
STOCK NO.	Kurman Type	Coil Resistance	1-10 Each	11-24 Each	25-50 Each	51-74 Each
RY-353	23DR37	350 ohms	5.55	5.27	4.99	4.72
RY-354	23DR40	1500 ohms	5.55	5.27	4.99	4.72
RY-355	23DR42	4000 ohms	6.00	5.70	5.40	5.10
RY-356	23DR44	10000 ohms	6.15	5.85	5.56	5.27

#### TYPE 23D3C AC

STOCK NO.	Kurman Type	Operating Voltage	1-10 Each	11-24 Each	25-50 Each	51-74 Each
RY-357	23DR37	6	5.85	5.56	5.27	4.98
RY-358	23DR40	12	5.85	5.56	5.27	4.98
RY-359	23DR42	24	5.85	5.56	5.27	4.98



**SERIES 262C-263C-MEDIUM POWER.** The DPDT and 3PDT relays features self-wiping contacts, which will continuously handle 20 amp loads. Can be wired for double make or break operation. AC or DC coils. This high speed relay will handle the majority of all power applications. Standard operating power: 1 watt—DPDT; 1 1/2 watts—3PDT. Mounting: 4 6-32 tapped holes on 13/16" x 1 3/16" centers. Shpg. wt., 6 ozs.

#### TYPE 262C DPDT

VOLTS AC	STOCK NO.	DC	1-10 Each	11-24 Each	25-50 Each	51-74 Each
12	RY-360	RY-361	6.45	6.13	5.81	5.48
24	RY-362	RY-363	6.45	6.13	5.81	5.48
115	RY-364	RY-365	6.45	6.13	5.81	5.48
230	RY-366	RY-368	6.45	6.13	5.81	5.48
115	RY-367	-	7.00	6.65	6.30	5.95
230	RY-368	-	7.00	6.65	6.30	5.95

#### TYPE 263C 3PDT

VOLTS AC	STOCK NO.	DC	1-10 Each	11-24 Each	25-50 Each	51-74 Each
12	RY-369	RY-370	6.05	6.60	6.25	5.71
24	RY-371	RY-372	6.05	6.60	6.25	5.71
115	RY-373	RY-374	6.95	6.60	6.25	5.71
230	RY-375	RY-376	7.50	7.32	7.03	6.38
115	RY-376	-	6.45	6.13	5.81	5.48
230	RY-377	-	7.50	7.32	7.03	6.38

VOLTS AC	STOCK NO.	DC	1-10 Each	11-24 Each	25-50 Each	51-74 Each
6	RY-316	RY-317	5.45	5.18	4.91	4.63
12	RY-318	RY-319	5.45	5.18	4.91	4.63
24	RY-320	RY-321	5.45	5.18	4.91	4.63
110	RY-322	-	6.45	6.13	5.81	5.48
115	RY-323	-	5.45	5.18	4.91	4.63
230	RY-324	-	6.15	5.85	5.54	5.23

VOLTS AC	STOCK NO.	DC	1-10 Each	11-24 Each	25-50 Each	51-74 Each
6	RY-325	RY-326	6.45	6.13	5.81	5.48
12	RY-327	RY-328	6.45	6.13	5.81	5.48
24	RY-329	RY-330	6.45	6.13	5.81	5.48
110	RY-331	-	7.00	6.65	6.30	5.95
115	RY-332	-	6.45	6.13	5.81	5.48
230	RY-333	-	8.00	7.60	7.20	6.80

VOLTS AC	STOCK NO.	DC	1-10 Each	11-24 Each	25-50 Each	51-74 Each
6	RY-334	RY-335	7.95	7.55	7.16	6.76
12	RY-336	RY-337	7.95	7.55	7.16	6.76
24	RY-338	RY-339	7.95	7.55	7.16	6.76
110	RY-340	-	8.50	8.07	7.65	7.23
115	RY-341	-	7.95	7.55	7.16	6.76
230	RY-342	-	8.50	8.07	7.65	7.23



**SERIES KX1-MICRO MINIATURE.** Equipped with special DPDT 2 amp contacts rated to carry any load from dry circuit to full ratings. 1/10" grid space header. Nominal operating power 250 milliwatts. All solder conn. except plug in. Withstands 20G, 2000 cycle vibration and 50G shock immunity. Frictionless bearing assures long life. Case O plug in type. Case D flange mt. middle of case. Case C stud M rear of case. Case E flange mt. front of case. Size: .875 x .80 x .40. Shpg. wt., 4 oz.

STOCK NO.	COIL VOLTS	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-304	6VDC	15.95	15.15	14.36	13.55
RY-305	12VDC	15.95	15.15	14.36	13.55
RY-306	24VDC	15.95	15.15	14.36	13.55

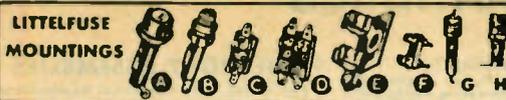
STOCK NO.	COIL VOLTS	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-307	6VDC	18.20	15.38	14.68	13.77
RY-308	12VDC	18.20	15.38	14.68	13.77
RY-309	24VDC	18.20	15.38	14.68	13.77

STOCK NO.	COIL VOLTS	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-310	6VDC	18.20	15.38	14.68	13.77
RY-311	12VDC	18.20	15.38	14.68	13.77
RY-312	24VDC	18.20	15.38	14.68	13.77

STOCK NO.	COIL VOLTS	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-313	6VDC	16.20	15.38	14.68	13.77
RY-314	12VDC	16.20	15.38	14.68	13.77
RY-315	24VDC	16.20	15.38	14.68	13.77

### HERMETICALLY SEALED

# LITTELFUSE AND BUSS FUSES AND MOUNTS



## LITTELFUSE MOUNTINGS

Quick action for low time-lag substitution such as amplifier, auto radios. 1 1/2" approved. 1/2" L x 3/4" diam. All rated 250 volt except 8 amp is 125V. Littelfuse 212000 series. For Buiss, specify AGC up to 3 amps, above specify MTH. 5 fuses per pkg. Shpg. wt., 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
312.062	1/16			312001			
312.125	1/8			31201.5	1 1/4	.25	3.92
312.150	.15	.59	9.80	312002			
312.175	.175						
312.187	3/16			312003		.22	1.44
312.250	1/4			312004			
312.300	3/10	.39	6.37	312005		.29	4.90
312.375	3/8			312006			
312.500	1/2						
312.750		.39	6.37	312008		.45	7.36

## TYPE 3AG SLOW BLOW FUSES

High time-lag to withstand heavy surges, blows quickly on shorts. Units through 5 amp are rated 125 volts and are 1/4" UL approved, above 5 amp rated 32 volt. Littelfuse 31300 series. For Buiss, specify MDL. 5 fuses per pkg. 1 1/4" L x 3/4" diam. Shpg. wt., 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
313.010	1/100	1.07	17.64	313001	1	.79	13.24
313.032	1/32			3131.25	1 1/4		
313.062	1/16			31301.5	1 1/4	.73	12.26
313.100	1/10	.79	13.24	31301.6	1 6/10		
313.125	1/8			313002	2		
313.150	15/100			31302.5	2 1/2		
313.175	.175			31303	3	2/10	.59
313.187	3/16	.79	13.24	313003	3		
313.200	2/10			31303.2	4		
313.250	1/4			313005	5		
313.300	3/10			3136.25	6 1/4		
313.375	3/8	.79	13.24	313008	8	.59	9.80
313.400	4/10			313010	10		
313.500	1/2			313015	15		
313.600	6/10						
313.700	7/10	.79	13.24	313020	20		
313.750	3/4			313025	25	.59	9.80
313.800	8/10			313030	30		

## 32 VOLT AUTO FUSES

Medium acting fuses designed for auto use. Sizes to ABE specifications, length according to current rating to guard against over-fusing. Littelfuse 307000 series except 7 1/2 amp is type 7AG 30800.5 used in new 12V cars. For Buiss, specify SFE. All 3/4" diam. 5 fuses per pkg. wt., 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
307004	4	.16	2.69	307014	14	.14	2.19
307006	6	.16	2.69	307020	20	.14	2.19
307007.5	7.5	.15	2.45	307030	30	.18	2.94
307009	9	.15	2.45				

## 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.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
362.125	1/4	.46	7.37	362001	1	.25	3.92
362.250	1/2	.28	4.42	36201.5	1 1/2	.28	3.92
362.375	3/4	.28	4.42	362002	2	.25	3.92
362.500	5	.28	4.42	362003	3	.25	3.92
362.750	7.5	.28	4.42	362005	5	.16	2.69

## FUSETRON TYPE T DUAL-ELEMENT FUSES

Contain 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.

Buss	Rating	Per Pkg.	Buss	Rating	Per Pkg.
T-20	20	27	T-25	25 amp	27
T-15	15 amp	27	T-30	30	27

## 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 lag 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

## 16. FUSED PLUG. Uses 3AG fuse in each side to protect line. Fuses easily replaced. Supplied loss fuses.

EL-32. Shpg. wt., 3 oz. Net .34 ea.



PLUG FUSES. UL approved. 5 per box. EL-18 - 10 amperes. EL-19 - 15 amperes. EL-20 - 20 amperes. EL-21 - 30 amperes. Box of 3, either of above... wt., 6 oz. .24



## BUSS FUSE MOUNTINGS

Designed for high-speed action to protect delicate electrical equipment. Littelfuse 361000 series - Buss AGN series. All Littelfuses rated at 250 volts, except 5 amp rated 32 volt. Buiss rated at 250 volt through 6 amp, above 6 amp rated 125 volt. 5 fuses per pkg. 1 1/4" L x 3/4" diam. 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
361.002	1/100	3.53	58.80	361.500	1/2	.39	6.37
361.005	1/200	1.48	24.50	361.750	3/4		
361.010	1/100	1.34	22.06				
361.031	1/32	1.19	19.60	361001	1		
361.062	1/16	.79	13.24	36101.5	1 1/2		
361.125	1/8	.59	9.80	361002	2	.29	4.90
361.250	1/4	.39	6.37	361003	3		
361.375	3/8			361005	5		

## 3AG SLOW BLOW PIGTAIL FUSES

Widely used in TV receivers. Designed to withstand heavy surges and instantaneous peaks yet quick setting under short circuit. Littelfuse 315000 series. For Buiss, specify MDV. All rated 125 Volt. UL approved through 3.2 amp. 1 1/4" L x 3/4" diam., pigtail 1/8" #20 tinned copper wire. 5 fuses per pkg. Shpg. wt., 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
315.010	1/100	1.33	22.85	315.750	3/4		
315.032	1/32			315.800	8/10	.99	16.66
315.062	1/16			315001	1		
315.100	1/10			3151.25	1 1/4		
315.150	15/100	.99	16.66	31501.6	1 6/10	.96	15.68
315.187	3/16			315002	2		
315.200	2/10						
315.250	1/4			31502.5	2 1/2		
315.300	3/10	.99	16.66	315003	3	2/10	.79
315.375	3/8			31503.2	4	.79	13.24
315.400	4/10			315004	4		
315.500	1/2			315005	5		
315.600	6/10						

## LIMITED CURRENT FUSES

Exact TV replacements. Fuses match holders for specific size ranges. Littelfuse series 332000. For Buiss, specify Type C. Rated 250 volt through 6 amps and 125 volt above 7 amps. 5 fuses per pkg. Shpg. wt., 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.	
332.032	1/32	1.25	20.58	3321.75	1 1/4			
332.062	1/16	.63	10.29	332002	2	.27	4.41	
332.125	1/8			332003	3			
332.187	3/16			332005	5	.35	5.88	
332.250	1/4			332006	6			
332.300	3/10	.48	7.84	332007	7			
332.375	3/8			332008	8	.49	8.23	
332.500	1/2			332010	10	.54	8.72	
332.750	3/4							
332001	1	1/4	.27	4.41	332008	8	.49	8.23
3321.25	1 1/4			332010	10	.54	8.72	

## SNAP-ON 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

## NEW! MINIATURE FUSE EXTRACTOR POST

Shortest 3AG fuse post. Test Prod. hole in knurled knob. Terminals designed for easy soldering. Shortest behind Panel length 1-11/32". Rated at 15 Amps 250 Volts. LITTELFUSE NO. 342012 Shpg. wt., 3 oz. Net .29

## EUROPEAN EQUIPMENT FUSES

Used in European instruments. Tape recorders, Radios, Hi-Fi equipment and Hi-tech test equipment. 25/32" L x 3/16" Dia. 5 fuses per Package. Shpg. wt., 6 oz.

Littelfuse #	Amps	Per Package	Per C.
271.500	1/2	.89	14.70
27101.5	1 1/2	.75	12.28

## TYPE 3AG FUSES

Stearite enclosure, 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" L x 1/4" Dia. Littelfuse series 314000. 5 fuses per pkg. Shpg. wt., 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
314001	1			314010	10		
314002	2			314012	12	.80	8.33
314003	3	.50	8.33	314015	15		
314005	5			314020	20		
314008	8			314030	30	.59	9.80

## PHOSPHOR BRONZE FUSE CLIPS

Bright nickel plate with fuse stop ears. 10 clips per package. Shpg. wt., 4 oz.

Littelfuse #	For Fuse Types	Per Pkg.	Per C.
101001	SFE, 3AG, 3AB, 3AG	.18	1.22
103001	4AG, 4AR	.20	2.45
105001	5AG HI Volt - Midget	.35	2.94
107001	N.E.C. - 30 Fuses	.47	3.92
109001	Standard HI-Voltage	1.29	10.78

## 3AG STANDARD PIGTAIL FUSES

Designed for use in TV receivers and other applications where absolute economy in spare is necessary. Littelfuse 318000 series. For Buiss, specify GIV. Rated at 250V. UL approved through 3 amps. 1 1/4" L x 3/4" diam., pigtail 1/8" #20 tinned copper wire. 5 fuses per pkg. 6 oz.

Littelfuse #	Amps	Per Pkg.	Per C.	Littelfuse #	Amps	Per Pkg.	Per C.
318.062	1/16	.75	12.25	31801.5	1 1/4		
318.125	1/8			318002	2	.45	7.35
318.250	1/4			318003	3		
318.375	3/8	.59	9.80				
318.500	1/2			318004	4		
318.750	3/4			318005	5	.48	7.84
318001	1	.45	7.35	318006	6		

## LITTELFUSE MOUNTINGS AND EXTRACTOR POSTS

Mounts and fuse holders for every application. \*Includes Fuse. Avg. shpg. wt., 3 oz.

Type	File	For Fuses	Description	Net Ea.
341001	A	3AG, 3AB	Panel mount, screw slot	.29
342001	B	3AG, 3AB	Panel mount, finger knob	.29
371001	B	3AG	Panel mount, screw slot	.29
372001	B	3AG	Panel mount, finger knob	.29
357001	C	3AG, 3AB	Single fuse, lug terminal	.12
387001	C	3AG	Single fuse, lug terminal	.12
356001	C	3AG, 3AB	Single fuse, screw term.	.25
387001	D	3AG, 3AB	Double fuse, lug term.	.24
387002	D	3AG	Double fuse, lug term.	.24
383002	E	3AG	Meter-back mtg.	.21
383001	F	3AG	Hi-low panel mtg.	.35
353001	P	3AG, 3AB	Below panel mtg.	.29
155009	G	SFE (3A)	Auto inline fuse retainer	.35
155014	G	SFE (11A)	Auto inline fuse retainer	.29
155020	G	SFE (20A)	Auto inline fuse retainer	.24
342003	H	3AG	Mini. fuse extractor post	.29

## BUSS FUSE MOUNTINGS

Convenient methods for mounting fuses on equipment, radio, TV, instruments, etc. Fuses easily replaced. 6 oz.

Buss	For Fuses	Net Ea.	MIM	For Fuses	Net Ea.
HPC	1/2" x 1 1/2"				

# Dialco Pilot Light Assemblies

## NEON INDICATOR LIGHTS

Now also available with new High Brightness NE-51H Neon Glow Lamp. New Patented Built-in Resistor.



**Two Types Available:**  
Series 95408 enclosed neon indicator light has 56,000-ohm, 1/2-watt resistor built in for use with the regular NE-51 neon lamp on 105-125 volt circuit. Series 95408H has 18,000 ohms for use with new NE-51H high brightness neon lamp on 105-125 v. AC circuits or DC circuits of 160 volts. Rugged design; resistor fully insulated in molded bakelite. Plastic head gives 180° light spread. Lens holder and mounting bushing are white nickel plated. Comes with steel hex nut, and internal tooth lockwasher with Iridite protective coating over cadmium plate. Solder terminals. Size, 2 1/4" long, 1 1/2" O.D.; mounts in 1 1/2" hole in panels up to 3/4" thick. U/L and CSA listed. Shpg. Wt., 3 oz. Less lamp. For High Brightness version, add suffix H to stock number. (Example: 95408H-931).  
Dialco No. 95408-931—Red. **97c**  
Dialco No. 95408-933—Amber. Net. **97c**  
Dialco No. 95408-935—White. Net. **97c**  
Dialco No. 95408-937—Clear. Net. **97c**

In lots of 10—ass't. Net Each 87c  
Replacement Jewel Cap for 95408  
Dialco No. 95—Specify color. Net Ea. 52c  
10 or More, Each 13c

## DIALCO NEON SERIES 31914

Enclosed assemblies for use with NE-45 neon glow lamps with candelabra screw base for 105-125 volt circuits. Replaceable from front of panel. Convex lens in choice of colors has friction-fit lens holder of polished chrome finish. Nickel plated mounting bushing. Iridite coated, cadmium plated steel hex mounting nut and split lockwasher. Binding screw terminals. Size, 2 1/4" long, 1 1/2" O.D.; mounts in 1" hole. U/L and CSA listed. Shpg. Wt., 4 oz. Less lamp.  
Dialco No. 31914-111—Red. Net. **\$1.03**  
Dialco No. 31914-113—Amber. Net. **\$1.03**  
Dialco No. 31914-115—Opal. Net. **\$1.03**  
Dialco No. 31914-117—Clear. Net. **1.03**

In lots of 10—ass't. Net Each 93c  
Replacement Jewel Cap for 31914  
Dialco No. 31—Specify color. Net Ea. 23c  
10 or More, Each 38c

## DIALCO HALF-INCH SERIES 81410

For use with T-3 1/2 bulb, miniature bayonet base incandescent, for 2-55 volt circuits. Replaceable from front of panel. Aviation type assembly with socket shell encased in molded bakelite. Smooth face jewels in 1/2" brass lens holder. Holder and mounting bushing are white nickel plated. Iridite coated, cadmium plated steel hex nut and internal-tooth lockwasher supplied. Solder terminals. Size, 2 1/4" long, 1 1/2" O.D.; mounts in 1/2" hole in panels up to 3/4" thick. U/L and CSA listed. Shpg. Wt., 3 oz. Less lamp. Uses types 44, 47 lamps.  
Dialco No. 81410-111—Red. Net. **97c**  
Dialco No. 81410-112—Green. Net. **97c**  
Dialco No. 81410-113—Amber. Net. **97c**  
Dialco No. 81410-115—White. Net. **97c**

In lots of 10—ass't. Net Each 87c  
Replacement Jewel Cap for 81410  
Dialco No. 81—Specify color. Net Ea. 52c  
10 or More, Each 14c

## HALF INCH OPEN SERIES 857B

Open type assembly for miniature base open neon lamps, 1/2" faceted jewel. Requires 1 1/16" mounting hole, 2" long; for panels up to 1/4" thick. Tinned solder lug. With mounting washer, lens lamp. Shpg. wt., 3 oz.  
Dialco No. 857B-431—Red. Net. **44c**  
Dialco No. 857B-433—Amber. Net. **44c**  
Dialco No. 857B-435—Blue. Net. **44c**  
Dialco No. 857B-437—Green. Net. **44c**

In lots of 10—ass't. Net Each 40c

You will find the complete listing of bulbs and lamps to fit these assemblies on another page of this catalog. See Index.

## NEW SUBMINIATURE SERIES

Extra compact assemblies for use with T-1 1/4 bulbs for 1.3-28 volts. Caps unscrew for bulb replacement from front of panel. Military grade phenolic assures permanent insulation from ground; all connections, lamp and socket fully insulated from bushing and panel. Rugged brass structure finished in black nickel. Lockwasher and nut supplied. Size, 1 1/2" long, 3/4" O.D. Shpg. Wt., 2 oz. avg. Less lamp.



**Series 101-5030 Front Mounting**  
**Series 101-3830 Back Mounting**  
**TWO-TERM. PLASTIC DOME TYPES**  
Series 101-5030 Front Mount and Series 101-3830 Back Mount; Front mounting units mount in 1/2" hole; back mounting units, in 15/32 hole. Solder terminals. Uses types 327, 328 lamps.

Front Mtg. No.	Color	Back Mtg. No.
101-5030-951	Red	101-3830-951
101-5030-952	Green	101-3830-952
101-5030-973	Amber	101-3830-973
101-5030-975	White	101-3830-975

Any Model—Net Each **\$1.24**  
In lots of 10—ass't. Net Each 1.12

## DIALCO TWO-TERMINAL NON-DIMMING SERIES 111-3830

Rugged, general purpose with glass lens in metal holders; unscrew for easy lamp replacement. Frosted lens except as otherwise noted. Internal tooth lockwasher and nut; solder terminals. Size, 1 1/2" long, 1 1/2" O.D.; mounts in 1/2" hole. Shpg. Wt., 1 1/2 oz. Less lamp. Uses types 327, 328 lamps.

Dialco No.	Lens Color	Net Each
111-3830-111	Red	\$1.58
111-3830-112	Green	1.58
111-3830-113	Amber	1.58
111-3830-115	White*	1.58
111-3830-117	Clear	1.58

\*Translucent unfrosted lens. In lots of 10—ass't. Net Each 1.40

## DIALCO 1-TERMINAL NON-DIMMING TYPES

With Binding Screw or Solder Terminal. For grounded circuits; meet applicable MIL specs. Frosted lens unless otherwise noted. Size, 1 1/4" long, 3/4" O.D.; mounts in 1/2" hole. Shpg. Wt., 1 1/4 oz. Less Lamp. Uses types 327, 328 lamps.

Binding Screw	Color	Solder Term.
8-1830-111	Red	8-1830-111
8-1830-112	Green	8-1830-112
8-1830-113	Amber	8-1830-113
8-1830-115	White*	8-1830-115
8-1830-117	Clear	8-1830-117

\*Translucent unfrosted lens.

## DIALCO 1-TERMINAL LIGHT SHIELD UNITS

For Dials, Instruments. For grounded circuits. Size opening 3/4" x 1/2" for light on panels. Size, 1 1/2" long, 1 1/2" O.D.; mounts in 1/2" hole. Shpg. Wt., 1 1/2 oz. Less lamp. Uses types 327, 328 lamps.  
Dialco No. 4-1830—Solder Terminal. Net Each **\$1.50**  
Dialco No. 4-1930—Solder Terminal. Net Each **1.59**

In lots of 10—ass't. Net Each 1.40

## TT-61 and TT-62 FOR PLASTIC PLATE 800E-LIGHTING

Subminiature units for MIL-P-7788 plastic plate panels on qualified products list QPL-7806 per mil. drawing M252010-1A to 8A. Size, 1 1/2" long, 1 1/2" O.D.; mounts in 1/2" hole. Shpg. Wt., 2 oz. Less lamp. Net Each **57c**  
In lots of 10—ass't. Net Each 60c

Solder Terminal No.	Filter	Solder Terminal No.
TT-61	Red	TT-62
TT-61-B7	Red*	TT-62-B7
TT-61-R1	Red*	TT-62-R1
TT-61-G1	Clear*	TT-62-G1

\*With light-emitting top.

## DIALCO DATALITES®

Ultra-Miniature Indicator Lights for Computers, Data Processing Equipment, Automation, etc. Mount in 3/8" hole. "Datalites" are made in two basic styles: With Dialco's lamp cartridges, which are replaceable, and with built-in neon lamps which are permanent, not replaceable.

**SINGLE LAMP HOLDER**  
No. 7538 Lamp Holder  
Use with Dialco's lamp cartridge, removable from front. Size, 1 1/4" long, 3/8" O.D. Less cartridge; mounts in 3/8" hole. Two insulated terminals offset for correct polarity when replacing cartridges in DC circuits. Conform to applicable MIL specs. Collar, flange ring and mounting bushing are of aluminum with black anodized finish. Comes complete with mounting hardware, less cartridge. Shpg. Wt., 2 oz.

**Complete Dialco DATALITE**  
No. 7538 Lamp Holder—**\$2.40**  
Net Each  
20 or more—Net Each **\$1.60**

## NEON LAMP CARTRIDGES

For use with No. 7538 Lamp Holder. Consists of NE-2E neon bulb, 1/25 watt, with starting 65 v. AC and 90 v. DC; mounted in aluminum sleeve, capped with plastic stoppage lens. Requires 3/4 watt ballast resistor. Size, 1 1/4" long, 3/8" O.D. Shpg. Wt., 1 oz. Lens is translucent.

Dialco No.	Lens Color	Net Each
38-931	Red	\$1.40 \$0.80
38-933	Yellow	1.40 .80
38-935	White	1.40 .80
38-937	Clear	1.40 .80

## INCANDESCENT LAMP CARTRIDGES

Uses T-1 1/2 incandescent bulb mounted in aluminum sleeve and capped with short cylindrical lens. Specify Voltage: Numbers listed are for standard 6 v. cartridges; for other voltages change -6 to -14 or -28. Size, 1 1/4" long, 1 1/4" O.D. Shpg. Wt., 1 oz. Lens is translucent.

V.	A.	Mrs.	Net Each
6	20	500	75c
12	0W	750	1.00
28	0A	1000	1.40

## HOT STAMPED LEGENDS

Cylindrical lenses can be hot-stamped with 1 or 2 digits or letters in black. Net Stamping—Net Each **9c**  
20 or more, Net Each **6c**

## DATALITES WITH PERMANENT LAMPS

Neon Glow Lamp Built-in, Not Replaceable. Built-in, rugged NE-2E neon lamp requires ballast resistor, also available built-in. Lightweight aluminum design; plastic stoppage lens. With mtg. hardware, and built-in lamp; two fully insulated terminals offset for applicable MIL specs. Mounts in 3/8" hole. **WITHOUT BUILT-IN RESISTOR**  
1 1/4" long, 3/8" O.D.;  
1 1/2" long, 3/8" O.D.;

Dialco Number	Lens Color	Net Each
245-7840-931	Red	\$1.75 \$1.14
245-7840-933	Yellow	1.75 1.14
245-7840-935	White	1.75 1.14
245-7840-937	Clear	1.75 1.14

## WITH BUILT-IN 100K OHMS RESISTOR

Dialco Number	Lens Color	Net Each
245-7841-931	Red	\$2.18 \$1.44
245-7841-933	Yellow	2.18 1.44
245-7841-935	White	2.18 1.44
245-7841-937	Clear	2.18 1.44

## RECEPTACLES FOR NEON AND ARGON LAMPS

NO.	FIG.	Description	Net ea. of 10
EL-62	A	Candelabra Screw—Clear Mt.	.30 .09
EL-63	B	Candelabra Screw—Received Mt.	.43 .39
EL-64	C	Double Contact—Bay. Cand.	.30 .27
EL-65	D	Double Contact—Bay. Cand.	.75 .68
EL-66	D	Single Contact—Bay. Cand.	.69 .62

## OIL-TIGHT ASSEMBLIES

For Heavy Duty Industrial Applications



**1" SERIES**  
Enclosed rugged design gasketed with oilproof gaskets impervious to oil, water and dust. Rugged binding screw terminals. Caps unscrew from face of panel. One-piece, solid brass mounting bushing; rolled brass knurled lens holder; chrome finish. Glass lens gives omnidirectional (180°) light spread. High impact phenolic insulation. Size, 1 1/2" long, 1 1/2" O.D. Mounts in 1" clearance hole. Shpg. Wt., 3 oz. average. Less lamp.

## FOR 656 INCANDESCENT LAMPS

For Screw Base	Lens	For Bayonet Base
103-3101-1331	Red	103-3502-1331
103-3101-1332	Green	103-3502-1332
103-3101-1333	Amber	103-3502-1333
103-3101-1334	Blue	103-3502-1334
103-3101-1335	White*	103-3502-1335
103-3101-1336	Yellow	103-3502-1336
103-3101-1337	Clear	103-3502-1337

## DOME TYPE LENS (PROSTED BACK)

Dialco No.	Lens Color	Net Each
103-3101-1211	Red	103-3502-1211
103-3101-1212	Green	103-3502-1212
103-3101-1213	Amber	103-3502-1213
103-3101-1214	Blue	103-3502-1214
103-3101-1216	White*	103-3502-1216
103-3101-1218	Yellow	103-3502-1218
103-3101-1217	Clear	103-3502-1217

\*Translucent unfrosted.

## FOR NEON GLOW LAMPS

For use with NE-45 candelabra screw base lamps. Resistor built into lamp base. Size, 2 1/4" long, 1 1/2" O.D. Fits 1" clearance hole. Shpg. Wt., 3 oz. Less lamp.

Dialco Number	Lens Color	Net Each
103-3116-1211	Red	103-3114-1213
103-3116-1212	Green	103-3114-1214
103-3116-1213	Amber	103-3114-1217
103-3116-1214	Blue	103-3114-1217
103-3116-1217	Clear*	

\*Frosted back. Any Model—Net Each **\$2.20**  
In lots of 10—ass't. Net Each 1.90

## MODEL 1316-L ADAPTER SET

Gasketed reducer for adapting any 1" Dialco pilot light assembly to 1 1/2" hole. Impervious to oil, water, and dust. Weight, 2 oz.  
Dialco No. 1316-L—Net Each **73c**  
In lots of 10 Net Each 66c

## OIL TIGHT 1 1/16" SERIES

Stovepipe Lens Fluted or Plain. With built-in resistor. Size, 2 1/4" long, 1 1/2" O.D. Mounts in 1 1/2" hole. Shpg. Wt., 2 oz. Less lamp.  
Any Model—Net Each **\$1.04**  
In lots of 10 Net Each 1.75

## FOR NE-51 NEON GLOW LAMP

Fluted Lens	Color	Plain Lens
125-400-1191	Red	125-400-1131
125-400-1193	Amber	125-400-1133
125-400-1196	Yellow	125-400-1136
125-400-1197	Clear	125-400-1137
		125-400-1117

## FOR LOW-VOLTAGE T-3 1/2-MINIATURE BAYONET BASE LAMP

Fluted Lens	Color	Frosted Back
125-416-1151	Red	125-416-1111
125-416-1192	Green	125-416-1112
125-416-1193	Amber	125-416-1113
125-416-1194	Blue	125-416-1114
125-416-1195	White	125-416-1115*
125-416-1196	Yellow	125-416-1116*
125-416-1197	Clear	125-416-1117

\*Translucent unfrosted.

## OPEN SOCKET ASSEMBLIES

### DIALCO ONE-INCH SERIES 75 DETACHABLE LAMP SOCKET

Candelabra base, 115 volt pilot light assembly with faceted jewel in highly polished chrome plated brass holder. For standard bulbs of 1-inch diameter for mounting. Easily adjusted to panel thickness. Less bulb. Shipping Weight, 5 oz.

Dialco No. 75C-431—Red, Net Ea. 83c  
Dialco No. 75C-432—Green, Net Ea. 83c  
Dialco No. 75C-433—Amber, Net Ea. 83c  
In lots of 10—ass't. Net Each 75c  
Replacement Jewel Cap for 75  
Dialco No. 31-43—Specify color. Net Ea. 35c  
10 or More, Each 31c

### DIALCO SERIES 31-18-16 ONE-INCH REMOVABLE JEWEL

Candelabra base, 115 volt pilot light assembly with faceted jewel in highly polished chrome plated brass holder. Requires hole in mounting hole. Solder terminals. Easily adjusted to panel. Secured to panel by separate bushings into which the lens holders are a friction fit, permitting removal for lamp replacement. Requires 1/2" mounting hole. Shipping Weight, 2 oz. Net Each 75c

### DIALCO SERIES 910 ONE INCH OPEN TYPE

Popular series for electronic equipment. Lamp replaced from front. 1" mtg. hole. 1-1/2" long. Less lamp. Shpg. wt., 3 oz.

COLOR	MIN BAY	MIN SCREW	CAND
RED	910B-431	910M-431	910C-431
GREEN	910B-432	910M-432	910C-432
AMBER	910B-433	910M-433	910C-433

Dialco 910 Series Net Ea. 62c  
In lots of 10 Each 56c

### DIALCO SERIES 810 HALF-INCH REMOVABLE JEWEL

For operation with low volt. miniature bayonet and miniature screw base. Incandescent lamps. Burnished nickel finish. Requires 1/2" in mounting hole. Either convex or faceted lens will be supplied. Solder terminals. Effective lens diameter 1/4". All brackets are insulated from the live terminals. Unit secured by separate bushings from which caps may be removed easily for access to the lamps. Less bulb. Shpg. wt., 2 oz.

**MINIATURE BAYONET BASE**  
Dialco No. 810B-431—Red. Net Each 32c  
Dialco No. 810B-432—Green, Net Each 32c  
Dialco No. 810B-433—Amber, Net Each 32c

**MINIATURE SCREW BASE**  
Dialco No. 810M-431—Red. Net Each 32c  
Dialco No. 810M-432—Green, Net Each 32c  
Dialco No. 810M-433—Amber, Net Each 32c  
In lots of 10 Net Each 29c

### 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. Shipping Weight, 2 oz.  
Dialco No. L-78—Net Each 26c

The assemblies listed are only a few of the more popular types. Dialco manufactures every type of assembly for any purpose and we can supply the complete line. Write for information on any types not listed.

### DIALCO SERIES 510-610-710 ANGLE BRACKET ASSEMBLY

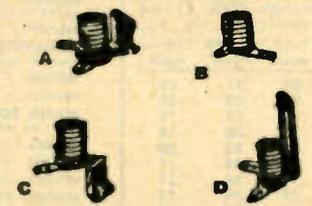
Economical space saver. For low volt operation of incandescent miniature lamps. With solder terminals. White nickel finish. Mounting hole 1/4" diameter. Effective lens diameter 1/4". Angle bracket units are secured to the panel by the threaded shank of the lens holder and lamps are accessible only from back of panel. Convex lens. Less bulb. Shpg. wt., 2 oz.

**SERIES 510 MINIATURE SCREW**  
Dialco No. 510-121—Red. Net Each 21c  
Dialco No. 510-122—Green, Net Each 21c  
Dialco No. 510-123—Amber, Net Each 21c  
In lots of 10—ass't. Net Each 19c

**SERIES 610 CANDELABRA**  
Dialco No. 610-121—Red. Net Each 21c  
Dialco No. 610-122—Green. Net Each 21c  
Dialco No. 610-123—Amber. Net Each 21c  
Lots of 10—ass't. Net Each 19c

**SERIES 710 MINIATURE BAYONET**  
Dialco No. 710-121—Red. Net Each 21c  
Dialco No. 710-122—Green, Net Each 21c  
Dialco No. 710-123—Amber, Net Each 21c  
Lots of 10—ass't. Net Each 19c

### BRACKET MOUNTED SOCKETS



Cadmium plated brackets with tin-plated brass lens. Bayonet type furnished with roll spring construction for positive contact. Highest grade insulated washers. Available for miniature screw or bayonet types and for candelabra base. Average Shipping Weight, 2 oz.

**MINIATURE SCREW TYPE**

Dialco No.	Type	Net Each	10 For	100 For
561	A	7c	65c	\$5.75
567	B	7c	65c	\$5.75
564	C	7c	65c	\$5.75
565	D	7c	65c	\$5.75

**MINIATURE BAYONET TYPE**

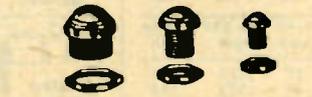
Dialco No.	Type	Net Each	10 For	100 For
761	A	9c	74c	\$6.60
767	B	9c	74c	\$6.60
764	C	9c	74c	\$6.60
765	D	9c	74c	\$6.60

**CANDELABRA TYPE, 115 VOLT**

Dialco No.	Type	Net Each	10 For	100 For
661	A	12c	\$1.00	\$9.10
667	B	12c	1.00	9.10
664	C	12c	1.00	9.10
665	D	12c	1.00	9.10

### LENSES IN THREADED HOLDERS FOR PANEL MOUNTING

For use with separately mounted lamp sockets. All-purpose smooth jewels in polished nickel-plated brass holders for up to 9/32" panels. 1/4", 1/2" and 3/4" diameters requiring 1/4", 1/2" and 3/4" holes, respectively, for mounting. Shpg. Wt., 2 oz.



Dialco No.	Size in.	Color	Net Singly	Each Lot of 10
25006-111	3/4	Red	39c	35c
10006-621	1/2	Red	14c	13c
5006-621	1 1/32	Red	20c	18c
25006-112	3/4	Green	39c	35c
10006-622	1/2	Green	14c	13c
5006-622	1 1/32	Green	20c	18c
25006-113	3/4	Amber	39c	35c
10006-623	1/2	Amber	14c	13c
5006-623	1 1/32	Amber	20c	18c

## LAFAYETTE SPECIAL NEON ASSEMBLY

39



For operation on 110 volts AC. Requires 100  $\Omega$  resistor in series. When used with 220 v. use 250  $\Omega$  resistor in series. AC starting voltage .60 v. Servicing life, 5000 to 10,000 operating hours. Available in 3 colors, red, yellow and amber; specify when ordering. Shpg. wt., 2 oz.  
MS-478 Net .39  
In lots of 10 .35

## INCLUDED ASSEMBLIES DIALCO ONE-INCH SERIES 314001

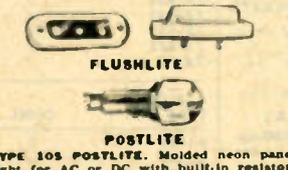
Series for use with 8-6 incandescent bulbs with candelabra screw base for 0-125 volt circuits. Lamp replaceable from front of panel. Faceted lens in choice of colors with friction-fit lens holder of polished chrome; white nickel plated mounting bushing. Iridite coated, cadmium plated steel hex nut and split lockwasher. Solder terminals. Size, 2 1/2" long, 1 1/4" O.D.; mounts in 1" hole. U.L. and CSA listed. Shpg. Wt., 4 oz. Less lamp. \$1.03  
Dialco No. 314001-431—Red, Net .39  
Dialco No. 314001-432—Green, Net .39  
Dialco No. 314001-433—Amber, Net .39  
Dialco No. 314001-437—Clear, Net 1.03

In lots of 10 Net Each 93c  
Replacement Jewel Cap for 314001  
Dialco No. 31-43—Specify color. Net Ea. 35c  
10 or More, Each 31c

## 1 INCH ENCLOSED TYPE SERIES 312901 WITH LEADS

U.L. approved brass assembly with 6-wire leads for candelabra lamps. Chrome, friction-fit cap. 1" mtg. hole. Less lamp. Shpg. wt., 5 oz.  
Dialco No. 312901-111—Red Net Each 1.13  
Dialco No. 312901-112—Green Net 1.13  
Dialco No. 312901-113—Amber Net 1.13  
Dialco No. 312901-117—Clear Net 1.13  
Lots of 10—ass't. Net Ea. 1.02  
Replacement Jewel Caps for 312901  
Dialco No. 31-11—Specify color. Net Ea. 35c  
10 or More, Each 31c

## DRAKE NEON INDICATOR LIGHTS



**FLUSHLITE**  
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. 2 oz. EACH \$1.10, EACH \$1.10  
**TYPE 110 FLUSHLITE**. Translucent unit with built-in neon lamp and resistor. For 110-125 v AC-DC. 1/2" x 1 1/4" x 9/16" with 1 1/4" mtg. centers. UL approved. 2 oz. EACH .41-10, EACH .37.

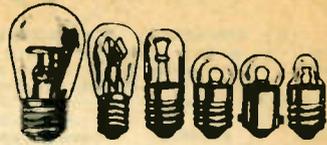
## E. F. JOHNSON PANEL LIGHT

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 T3 1/2 or G3 1/2 bulbs. Shpg. wt., 2 oz.  
No. 147-329—Miniature bayonet base. Net Each .69  
No. 147-330—Miniature screw base. Net Each .69

## DASH LAMP ASSEMBLY

For dashboard, panel, etc. mounting. Simple contact miniature bayonet sockets. Mounts in 1/2" hole. With 12" lead, nut and washer. Easy installation. Less lamp and switch. Shpg. wt., 2 oz. Accepts No. 51 or 55 bulb. Net 31c  
MS-314

## GENERAL PURPOSE MINIATURE LAMPS



For radio and television pilot lights, panels, flash lights, appliances, coin machines, etc. ABBREVIATIONS: C.P. means candle power; Base Types—(A) single contact Flanged, (B) Screw, (C) Bayonet, (D) Special, (E) Slug Contact Midget Flanged. Shpg. wt., 1 lamp 2 oz.; box of 10, 5 oz. When ordering 100 or more lamps of one type, deduct 10% from the "10 For" price column.

TYPE	VOLTS	AMPS	BASE TYPE	NET EACH	10 FOR
PR2	2.4	0.50	A	.20	1.33
PR3	3.6	0.50	A	.20	1.33
PR4	2.3	0.27	A	.20	1.33
PR6	2.5	0.30	A	.20	1.33
PR12	5.95	0.50	A	.20	1.33
PR13	4.75	0.50	A	.20	1.33
13	3.7	0.30	B	.17	1.14
14	2.5	0.30	B	.17	1.14
17	4.9	0.30	B	.17	1.14
40	6.3	0.15	B	.17	1.14
41	2.5	0.50	B	.15	1.00
42	3.2	0.35	B	.20	1.33
43	2.5	0.50	B	.15	1.00
44	6.3	0.25	C	.15	1.00
45	3.2	0.35	C	.15	1.00
46	6.3	0.25	B	.15	1.00
47	6.3	0.15	C	.15	1.00
48	2.0	0.06	C	.15	1.00
49	2.0	0.06	C	.15	1.00
50	6.3	1 cp	B	.15	1.00
51	6.3	1 cp	C	.15	1.00
53	14.4	0.12	C	.15	1.00
55	8.5	2 cp	C	.15	1.00
112	1.2	0.22	B	.17	1.14
123	1.25	0.30	B	.17	1.14
222	2.2	0.25	B	.17	1.14
224	2.15	0.22	D	.17	1.14
233	2.2	0.27	B	.17	1.14
291	2.9	0.17	C	.49	3.33
292	2.9	0.17	B	.49	3.33
313	28.0	0.17	C	.25	2.33
327	28.0	0.04	E	.90	6.00
328	6.0	0.20	E	.70	4.67
502	5.1	0.15	B	.17	1.14
1458	20.0	0.25	C	.17	1.14
1815	12-16	0.20	C	.20	1.33
1891	14.0	0.23	C	.15	1.00
1892	14.0	0.12	C	.20	1.33

## AC-DC PILOT LIGHTS

Rated at 105-125 v. 1500 hours average use. Base types: A—Candelabra Screw; B—Double contact Bayonet Candelabra. Shpg. wt., 3 oz. each. Std. pkg. has 12 per pkg. except \* has 10.

Type	Shape	Watt	Volts	Base Type	Net Each Sing. In. Pkg.
384	Globe	3	A	.36	.31*
656	Globe	6	A	.22	.20
656DC	Globe	6	B	.30	.27*
7C7-Clear	Cone	7	A	.22	.20
7C7-White	Cone	7	A	.22	.20
10CT-DC	Cone	10	B	.28	.25*
M6313	Tube	4	A	.39	.35*

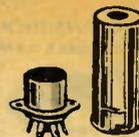
## NEON GLOW LAMPS

For 105-125 v AC operation except \* for 210-230 v AC. Screw types base resistor in base for 105-125 v; others require external resistor. AC starting voltages shown; DC starting voltage 40% higher. Base Types: A—Wire Terminals; B—Single Contact Bay. Min.; C—Bayonet; D—Screw; E—Skirted Bay. Min.; F—Skirted Bay. Min.; G—Skirted Double Contact Bay. Min.; H—Single Contact Bay. Min. Shpg. wt., 2 oz.

TYPE	WATTS	VOLTS	BASE TYPE	NET EACH	10 OR MORE EACH
NE-2	1/25	65	A	.10	.08
NE-2M	1/4	—	A	.12	.10
NE-7	1/4	55	D	.72	.66
NE-17	1/4	55	D	.85	.71
NE-21	1/4	55	M	.93	.71
NE-30	1	60	E	1.18	.93
NE-31	1	60	F	2.92	2.62
NE-32	1	60	D	1.18	.93
NE-34	2	60	E	1.81	1.53
NE-36	2	60	C	2.38	1.89
NE-40	3	60	E	2.65	2.04
NE-42	3	60	C	2.60	2.04
NE-45	1/4	65	C	.83	.66
NE-48	1/4	65	C	.60	.44
NE-51	1/25	65	B	.21	.17
NE-51M	1/4	—	B	.23	.19
NE-56	1	60	E	1.22	.96
NE-57	1/4	60	C	.97	.76
NE-58	1/2	65	C	.93	.71



# PLUGS, SOCKETS, CONNECTORS



## (A) AMPHENOL "MIP" SOCKETS

Molded high dielectric block bakelite, with molded-in plate for 1 1/2" mounting centers. Firmly held—won't rattle or work loose. 1 3/32" mounting hole except \* 1/8" mtg. hole, † 1/32" mtg. hole. Avg. shgp. wt., 5 oz.

TYPE	PRONGS	1-99 each	100-249 each	250-up each
77-MIP-4	4	.09	.078	.07
77-MIP-5	5	.10	.086	.077
77-MIP-6	6	.11	.099	.087
77-MIP-7†	7 large	.12	.106	.094
77-MIP-7‡	7 small	.12	.107	.096
77-MIP-8	Octal	.10	.085	.077
88-8*	Octal	.11	.095	.085
88-8X*	Locketal	.14	.118	.106
77-MIP-9	9	.12	.10	.09
77-MIP11	11	.13	.11	.099

## (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. shgp. wt., 5 oz.

78-R54	4	.11	.098	.088
78-R55	5	.12	.105	.095
78-R56	6	.13	.113	.101
78-R57L	7 large	.18	.155	.14
78-R57S	7 small	.14	.118	.106
78-R58	Octal	.13	.11	.099
78-R58L	Locketal	.17	.148	.133
78-R59	9	.13	.115	.104
78-R511	11	.16	.14	.126

## (C) AMPHENOL "S" SOCKETS

For new work. Single hole mounting, 1 1/4" dia except 78S7L which requires 1 1/4". Firmly held by tempered steel retainer ring. 9 and 11 prong sockets for Amphenol connectors. 78-S7L fits small and large base tubes. Molded high dielectric bakelite. † mounts in standard 1 1/4" socket hole. Has miniature socket in center. Avg. wt., 5 oz.

78-S4	4	.08	.07	.063
78-S5	5	.09	.078	.07
78-S6	6	.10	.085	.077
78-S7L	7 large	.14	.123	.11
78-S7S	7 small	.10	.09	.081
78-S8	Octal	.10	.085	.077
78-S8L	Locketal	.14	.118	.106
78-S9	9	.11	.098	.088
78-S11	11	.13	.11	.099
78-A7P	7 for miniatures	.22	.185	.167
78-A9P	9 for miniatures	.27	.225	.203



## 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., 1/8" screw holes. 59-series mounts in 3/4" hole with 1 1/8" mtg. ctrs., .095" rivet holes.

\*Stearlite. †Black Bakelite. ‡Mica-filled bakelite. Avg. 5 oz.

## BOTTOM MOUNTING TYPE — FIG. (A)

TYPE	No. CONTACTS	1-99 each	100-249 each	250-up each
147-500†	7	.15	.125	.113
147-501†	7	.24	.185	.205
147-505†	7	.15	.125	.113
59-409†	9	.20	.17	.153
59-410†	9	.20	.17	.153

## TOP MOUNTING TYPE — FIG. (B)

Socket with tube shield base to fit shields listed below.

147-905†	7	.21	.18	.162
147-925*	7	.26	.225	.203
147-913†	7	.22	.188	.169
59-407†	9	.27	.24	.216
59-406†	9	.24	.21	.189

## TUBE SHIELDS — FIG. (C)

For 7-Contact Bases.				
5-401	1 3/8"	.08	.074	.066
5-402	1 3/8"	.09	.078	.069
For 9-Contact Bases.				
5-405	1 1/2"	.09	.075	.068
5-408	1 1/2"	.10	.09	.081
5-409	2 3/8"	.11	.099	.089

## ETHYLON-A HIGH "Q" SOCKETS

7- and 9-pin miniatures of low-loss, resilient Ethylon-A. Max. ambient temperature 125°C. \*requires 2 3/32" hole; † 1 3/16" hole. Avg. shgp. wt., 5 oz.

## BOTTOM MOUNTING — LESS TUBE SHIELD BASE (D)

59-357	7	.15	.125	.113
59-359	9	.20	.17	.153

## TOP MOUNTING — WITH TUBE SHIELD BASE (E)

59-367	7	.21	.18	.162
59-369	9	.26	.225	.203

## ELCO JAN 5-28A-3 MINIATURE SOCKETS AND SHIELDS

An outstanding line of 7- and 9-pin miniature tube sockets and shields made in accordance with JAN 5-28A and JAN 5-28A-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. shgp. wt., 4 oz.

STOCK NO.	JAN 5-28A	JAN 5-28A-1	DESCRIPTION	1-9 each	10-49 each	50-99 each	100-up each
MS-495	TSE71101	TS102P01	Socket, mica filled, 7-pin shield base	.20	.18	.17	.14
MS-496	TSE91101	TS103P01	Socket, mica filled, 9-pin shield base	.22	.20	.18	.15
MS-497	TSE81101	TS101P01	Socket, mica filled, saddle a/cial	.26	.24	.22	.19
MS-498	TSF01101	TS102U01	Tube shield, 7-pin, 1 3/8"	.12	.11	.10	.08
MS-499	TSF01102	TS102U02	Tube shield, 7-pin, 1 3/8"	.12	.11	.10	.08
MS-500	TSF01103	TS102U03	Tube shield, 7-pin, 2 1/4"	.14	.13	.12	.10
MS-501	TSF01104	TS103U01	Tube shield, 9-pin, 1 1/2"	.14	.13	.12	.10
MS-502	TSF01105	TS103U02	Tube shield, 9-pin, 1 1/2"	.14	.13	.12	.10
MS-503	TSF01106	TS103U03	Tube shield, 9-pin, 2 3/4"	.18	.16	.15	.13



## AMPHENOL MINIATURE SHIELDED CONNECTORS

Miniature shielded cable-type and chassis connectors; molded bakelite in cad. plated brass shells; for cables up to 1/4" diam. Male and female cable types (FIGS. A and B) 1 1/8" diam; last letter in type no. shows length: "1" is 1 3/8", "5" is 1 3/16". Last numeral in type no. is no. of contacts. PCG-series chassis connectors (FIG. C) are female only, take 7/8" hole, 1 1/4" centers. Shgp. wt., 2 oz.

TYPE NO.	FIG.	1-49 each	50-149 each	150-up each
91-MPM3L	A	.24	.21	.19
91-MPM3S	A	.23	.20	.18
91-MPM4L	A	.24	.21	.19
91-MPM4S	A	.23	.20	.18
91-MPM5L	A	.26	.23	.20
91-MPM6L	A	.27	.24	.21
91-MPF3L	B	.27	.24	.21
91-MPF3S	B	.27	.24	.21
91-MPF4L	B	.29	.24	.23
91-MPF4S	B	.27	.24	.21
78-PCG3	C	.16	.135	.122
78-PCG4	C	.16	.135	.122
78-PCG5	C	.18	.155	.14
78-PCG6	C	.19	.16	.144

## MINIATURE PLUGS & SOCKETS

Usable with 91-MPM, 91-MPF and 78-PCG miniature connectors. Supplied with push-on retainer rings. Excellent for speaker connections. Need 3/8" hole. Avg. shgp. wt., 4 oz.

SOCKET TYPE NO.	CONT.	1-99 each	100-249 each	250-up each
78-535	3	.07	.063	.056
78-545	4	.07	.063	.056
78-555	5	.10	.09	.81
78-565	6	.11	.095	.086
78-7P	7	.14	.12	.108

PLUG TYPE NO.	CONT.	1-99 each	100-249 each	250-up each
71-35	3	.065	.055	.05
71-45	4	.08	.07	.063
71-55	5	.09	.075	.068
71-65	6	.10	.085	.077

## CABLE CONNECTORS

Shielded cap and rubber grommet-end opening. Consist of "S" type tube sockets and "CP" plugs with hoods.

FEMALE TYPE NO.	Avg. shgp. wt., 6 oz.	1-99 each	100-249 each	250-up each
78-PF4	4	.17	.145	.13
78-PF5	5	.18	.153	.137
78-PF6	6	.19	.16	.144
78-PF75	75	.20	.165	.149
78-PF8	8	.19	.16	.144
78-PF9	9	.21	.173	.155
78-PF11	11	.22	.185	.167

MALE TYPE NO.	CONT.	1-99 each	100-249 each	250-up each
86-PM4	4	.21	.175	.158
86-PM5	5	.21	.175	.158
86-PM6	6	.22	.185	.167
86-PM75	75	.23	.19	.171
86-PM8	8	.22	.185	.162
86-PM9	9	.22	.185	.167
86-PM11	11	.23	.195	.176

AMPHENOL TYPE 79-CC4. Cable-clamp used with above connectors to relieve strain an soldered connections.

Type 79-CC4	Lots of 150, each	.036
	Lots of 50, each	.04
	Singly, each	.05

## PRINTED CIRCUIT SOCKETS



TRANSISTOR SOCKET (A). 5 contact. For use 3 contact in line types: CK-722, 2N107 etc. 1 3/32" x 17/64" x 1/2".

MS-149.....Net .22

MINIATURE TUBE SOCKET (B). General purpose phenolic socket. Rapid mount. Snap action contacts.

MS-150 7 pin.....Net .13

MS-151 9 pin.....Net .20

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

MOLDED 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). Wafer 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 (Tetradec).

Made of mica filled phenolic. Contacts are beryllium copper, gold flashed over silver plate. Complete with mounting ring.

MS-395 Shgp. wt., 5 oz. Net ea. .25

Net ea. in lots of 10. .22

## TRANSISTOR SOCKETS



## A LIFESAVER FOR YOUR TRANSISTORS!

Transistors may be damaged by the heat of soldering. The utilization of these specially developed transistor sockets prolongs the life of your transistor. Molded from mica filled low loss bakelite. Silver plated beryllium copper contacts. \*For printed circuits. Size is overall.

Stock No. Avg. shgp. wt., 4 oz.

Stock No.	Type	Cont.	Size	Net
MS-275	A	3	15/32" x 11/32" x 7/32"	.19
MS-253	A	5	15/32" x 11/32" x 7/32"	.19
MS-252	C	5	1/4" x 3/16" x 3/8"	.22
MS-149*	B	5	1/4" x 3/16" x 3/8"	.22



## SUBMINIATURE SOCKETS

Used in all subminiature radios, hearing aids and electronic devices that require subminiature tubes. Mica-filled low-loss bakelite. Silver-plated beryllium copper contacts. Shgp. wt. 2 oz. Size is overall.

Stock No.	Type	Cont.	Size	Net
MS-283	A	5	15/32" x 11/32" x 7/32"	.19
MS-254	A	6	15/32" x 11/32" x 7/32"	.19
MS-255	A	7	31/64" x 27/32" x 5/32"	.22
MS-256	B	8	13/32" x 7/16"	.39

# Amphenol-CONNECTORS & TERMINAL STRIPS-Cinch-Jones

## CINCH-JONES PLUGS & SOCKETS

Multiple contact "400" series heavy duty 15 ampere, 1100 volts, rms and "300" series standard duty 10 ampere, 730 volts, rms types. Cable types have clamps. Chassis types have brackets - heavy duty type of ends, standard type at sides. Avg. shpg. wt., 8 oz.



Conn.	No.	1-24 each	25-99 each	100-up each
2	P-302-CCT	.43	.39	.37
3	P-303-CCT	.44	.41	.395
4	P-304-CCT	.51	.43	.43
6	P-306-CCT	.56	.50	.475
8	P-308-CCT	.62	.56	.525
10	P-310-CCT	.69	.62	.585
12	P-312-CCT	.75	.68	.64

### Standard Duty PLUGS FIG. (A)

Conn.	No.	1-24 each	25-99 each	100-up each
2	S-302-CCT	.44	.40	.375
3	S-303-CCT	.45	.41	.395
4	S-304-CCT	.51	.46	.435
6	S-306-CCT	.59	.53	.50
8	S-308-CCT	.67	.62	.58
10	S-310-CCT	.76	.69	.65
12	S-312-CCT	.83	.78	.745

### SOCKETS FIG. (B)

Conn.	No.	1-24 each	25-99 each	100-up each
2	P-402-AB	.19	.17	.16
3	P-403-AB	.20	.22	.20
4	P-404-AB	.23	.22	.22
6	P-406-AB	.31	.28	.27
8	P-408-AB	.37	.34	.32
10	P-410-AB	.42	.38	.365
12	P-412-AB	.48	.45	.435

### CHASSIS TYPE PLUGS FIG. (C)

Conn.	No.	1-24 each	25-99 each	100-up each
2	P-402-CT	.46	.41	.395
3	P-403-CT	.49	.46	.435
4	P-404-CT	.57	.51	.485
6	P-406-CT	.69	.62	.58
8	P-408-CT	.78	.71	.665
10	P-410-CT	.89	.80	.755
12	P-412-CT	.99	.88	.835

### CHASSIS SOCKETS FIG. (D)

Conn.	No.	1-24 each	25-99 each	100-up each
2	S-402-AB	.21	.19	.175
3	S-403-AB	.24	.23	.21
4	S-404-AB	.27	.24	.235
6	S-406-AB	.34	.31	.29
8	S-408-AB	.43	.39	.365
10	S-410-AB	.51	.46	.43
12	S-412-AB	.59	.53	.50

### Heavy Duty PLUGS FIG. (A)

Conn.	No.	1-24 each	25-99 each	100-up each
2	P-402-CT	.73	.66	.62
3	P-403-CT	.79	.70	.655
4	P-404-CT	1.04	.94	.885
6	P-406-CT	1.19	1.07	1.01
8	P-408-CT	1.34	1.21	1.14
10	P-410-CT	1.49	1.34	1.27

### SOCKETS FIG. (B)

Conn.	No.	1-24 each	25-99 each	100-up each
2	S-402-CT	.78	.71	.67
3	S-403-CT	.89	.81	.76
4	S-404-CT	1.20	1.08	1.03
6	S-406-CT	1.40	1.26	1.20
8	S-408-CT	1.62	1.43	1.38
10	S-410-CT	1.81	1.63	1.55

### CHASSIS TYPE PLUG FIG. (C)

Conn.	No.	1-24 each	25-99 each	100-up each
2	P-402-AB	.46	.41	.395
3	P-403-AB	.51	.46	.435
4	P-404-AB	.57	.51	.485
6	P-406-AB	.69	.62	.58
8	P-408-AB	.78	.71	.665
10	P-410-AB	.89	.80	.755
12	P-412-AB	.99	.88	.835

### CHASSIS SOCKET FIG. (D)

Conn.	No.	1-24 each	25-99 each	100-up each
2	S-402-AB	.52	.47	.445
3	S-403-AB	.59	.54	.51
4	S-404-AB	.63	.54	.515
6	S-406-AB	.78	.71	.685
8	S-408-AB	.96	.88	.835
10	S-410-AB	1.13	1.03	.975
12	S-412-AB	1.33	1.17	1.10

## AMPHENOL 126-SERIES MINIATURE HEXAGON CONNECTORS



For interconnection of miniature electronic equipment. Have superior Amphenol diallyl phthalate dielectric; rated at 2000 volts rms 60 cps, 7 1/2 amps. For # 20 or # 22 wire connections. Silver plated, gold finished contacts. Hex nut type (Fig. A) has threaded body for direct panel mounting; locking-clip type (Fig. B) has same body but provides locking connection. Hood and cable-clamp type (Fig. C) also mates with the other types. Overall diam. hex nut type 3/8". Avg. shpg. wt., 4 oz.

### FIG. (A) HEX NUT TYPES

Conn.	Type	No.	Description	1-9 each	10-49 each
5	126-010	Male		.76	.58
5	126-011	Female		1.20	.95
7	126-011	Male		1.14	.85
7	126-012	Female		1.71	1.28
9	126-019	Male		.98	.73
9	126-013	Female		2.07	1.55

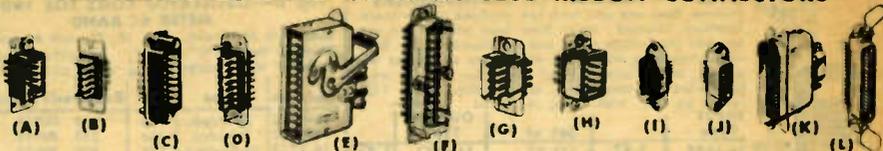
### FIG. (B) LOCKING-CLIP TYPES

Conn.	Type	No.	Description	1-9 each	10-49 each
4	126-214	Male		.96	.62
5	126-216	Female		.82	.62
5	126-218	Female		.96	.95
7	126-197	Female		.98	.73
7	126-198	Female		1.26	1.30
9	126-199	Female		1.73	1.59
9	126-219	Male		1.04	.78
9	126-221	Female		2.12	1.59

### FIG. (C) HOOD & CABLE-CLAMP TYPES

Conn.	Type	No.	Description	1-9 each	10-49 each
4	126-215	Female		1.57	1.18
5	126-217	Male		1.38	1.04
5	126-222	Female		1.79	1.34
7	126-195	Male		1.52	1.15
7	126-196	Female		2.29	1.72
9	126-220	Male		1.59	1.20
9	126-222	Female		2.65	1.99

## AMPHENOL 26- AND 57-SERIES BLUE RIBBON CONNECTORS



Precision heavy-duty self-polarizing connectors originally developed for military applications. Provides long ribbon spring wiping contacts with no possibility of mis-mating, bent springs or contacts. Excellent for use in "blind" areas, on rack-panel installations, etc. Silver-plated and gold-finished contacts provide extremely low resistance and will accommodate up to #16 stranded conductors. Rated at 5 amps, 700-800 volts D.C., the 57-Series Micro-Ribbon connectors are smaller in size than the 26-Series and provide up to 50 contacts. 26-4300 Series have end cable opening; 26-4500 Series have side cable opening. Avg. shpg. wt., 8 oz.

### 26-SERIES. BARRIER POLARIZATION, WITHOUT SHELLS

Conn.	(A) Male	1-9	10-49	(B) Female	1-9	10-49
Types	Types	each	each	Types	each	each
8	1100	1.03	.75	123	1.64	1.22
8	4100-8P	.96	.72	4200-85	1.57	1.18
16	4100-16P	1.78	1.34	4200-165	2.25	1.70
24	4100-24P	2.13	1.60	4200-245	2.71	2.04
32	4100-32P	2.51	1.88	4200-325	3.20	2.40

### 26-SERIES. BARRIER POLARIZATION WITH LATCH-TYPE KEYED SHELLS

("P" types have male inserts; "S" female)

Conn.	(E) Male	1-9	10-49	(F) Mating	1-9	10-49
Types	Types	each	each	Types	each	each
8	4301-8S	3.44	2.59	4401-8P	2.92	2.19
8	4301-8P	4.83	3.63	4401-8S	3.53	2.65
16	4301-16S	6.53	4.90	4401-16P	3.86	2.89
16	4301-16P	6.06	4.55	4401-16S	4.33	3.25
24	4301-24S	7.38	5.54	4401-24P	4.31	3.23
24	4301-24P	6.79	5.10	4401-24S	4.90	3.67
32	4301-32S	8.26	6.19	4401-32P	4.79	3.60
32	4301-32P	7.55	5.66	4401-32S	5.49	4.12

## AMPHENOL 126-SERIES PLUGS & SOCKETS

11, 15 and 20 gold-plated contact connectors for use on rack and panel mountings or, with shells, as cable connectors. Eyeslets are inserted in the mounting holes for added strength. Holes are provided for wiring on the male contacts; interlocking barriers to prevent accidental shorting. Rated at 900 volts. \*insert only - all others with shell. Avg. shpg. wt., 10 oz.

Total	No. 16	No. 20	Mir's	Type	Descrip.	1-9	10-49
					Flon	each	each
11	2	9	126-805*	Female		.82	.62
11	2	9	126-804*	Male		1.04	.78
11	2	9	126-808	Female		1.41	1.06
15	3	12	126-809	Male		1.65	1.23
15	3	12	126-150*	Female		.87	.66
15	3	12	126-151*	Male		1.26	.95
15	3	12	126-153	Female		1.52	1.15
15	3	12	126-152	Male		1.47	1.11
20	4	16	126-807*	Female		1.79	1.34
20	4	16	126-812*	Female		1.47	1.11
20	20		126-813*	Male		2.62	1.96
20	4	16	126-811	Female		2.23	1.68
20	4	16	126-810	Male		2.56	1.92

### CINCH-JONES BARRIER STRIPS

Molded bakelite terminals, with raised barriers between terminals to prevent arc-over and shorts. Mounting holes at ends. Avg. shpg. wt., 5 oz.

TYPE 140. 3/8" wide, 1 1/2" high. Terminals on 3/8" ctrs.; 1/2" metal-to-metal spacing over bakelite body.				TYPE 141. 1 1/8" wide, 1 1/2" high. Terminals on 3/8" ctrs.; 1/2" metal-to-metal spacing over bakelite.			
Ter.	1-24	25-99	Up	Ter.	1-24	25-99	Up
3-140	2	12	12	8-140	8	48	39
4-140	3	20	18	9-140	9	51	42
4-140	4	24	23	10-140	10	54	48
5-140	5	30	28	11-140	11	61	52
6-140	6	36	31	12-140	12	66	56
7-140	7	40	36				
TYPE 142. 1 1/2" wide, 1 1/2" high. Terminals mounted on 3/8" ctrs.; 1/2" metal-to-metal spacing over bakelite.				TYPE 143. 1 1/2" wide, 1 1/2" high. Terminals mounted on 3/8" ctrs.; 1/2" metal-to-metal spacing over bakelite.			
Ter.	1-24	25-99	Up	Ter.	1-24	25-99	Up
3-142	3	22	19	8-142	8	58	50
3-142	3	22	21	9-142	9	66	57
4-142	4	28	27	10-142	10	73	61
4-142	4	28	23	11-142	11	78	66
6-142	6	40	38	12-142	12	84	72
7-142	7	57	47				

### 26-SERIES. PIN POLARIZATION, WITHOUT SHELLS

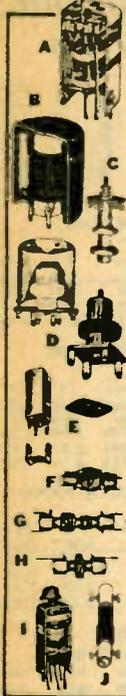
Conn.	(A) Male	1-9	10-49	(B) Female	1-9	10-49
Types	Types	each	each	Types	each	each
15	150-16	1.94	1.46	190-16	2.42	1.81
24	150-24	2.33	1.74	190-24	2.92	2.19
32	150-32	2.74	2.06	190-32	3.44	2.58

### 26-SERIES. BARRIER POLARIZATION, KEYED SHELLS

Conn.	(G) Male	1-9	10-49	(H) Female	1-9	10-49
Types	Types	each	each	Types	each	each
8	4101-8P	1.88	1.41	4201-85	2.16	1.62
16	4101-16P	2.82	2.12	4201-165	2.94	2.20
24	4101-24P	3.25	2.45	4201-245	3.51	2.63
32	4101-32P	3.74	2.81	42		

# MEISSNER AND NATIONAL COILS

## MEISSNER COILS



**Fig. A—"PLASTIC" I.F. TRANSFORMERS**  
 Trimmer base and coil form are moulded in one piece. Trimmers "float" 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.

INPUT Type	Set at	OUTPUT Type	Price	
16-6649	1.47	175 KC	16-6651	1.76
16-6652	1.76	262 KC	16-6654	1.76
16-6658	1.76	456 KC	16-6660	1.76

HI-O IRON CORE "PLASTIC" I.F.'s

**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 1/8" in diameter, 2 1/2" high. Shpg. wt., 4 oz.

**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.

**Fig. D—OSCILLATOR COILS FOR 190-550 METER BC BAND**  
 Used with 365 mmfd. cond. IF, RF, and Antenna coils. Shielded type. 1 1/4" x 1 1/2". All without padders except \* with padder. Shpg. wt., 4 oz.

Meissner Type	Type	Freq. KC	Required Padder	Price
14-4242	Shielded	175	900 mmfd.	1.06
14-4243	Shielded	456	350 mmfd.	1.41
14-3732	Unshielded	175	900 mmfd.	1.15
14-4034	Unshielded	456	350 mmfd.	1.38
*14-1033	Unshielded	456	350 mmfd.	1.18

**Fig. E—3/8" PERMEABILITY TUNED I.F. COILS**  
 Tuned top and bottom, powdered iron cores. Silvered mica condensers, molded plastic bases, etched aluminum cans. 3/8" x 3/8" x 2". With mounting clip and plate. \*Saddle bolt mtg. with leads. Shpg. wt., 4 oz.

Meissner Type	Function	Each
16-6758	455 KC Input and Output	1.47
16-6770	455 KC Output, with diode filter condenser	1.53
16-6752	262 KC Input for auto receivers	1.76
16-6754	262 KC Output for auto receivers, diode condenser	1.76
16-3487	10.7 MC FM Input and Output	1.91
16-6678*	455 KC AC-DC type Input or Output	2.06

**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.

**Fig. G—MINIATURE BROADCAST ANTENNA AND R.F. COILS**

The small physical size, 1 1/2" by 1/2" and the feature of having adjustable inductance makes 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 mmfd.

**Fig. H—MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL**

With 100 mmfd. Capacity Interwinding. For use with 6SA7, 12SA7, 6BE6, 12BE6, 707, and 14Q7 tubes in receivers having 455 KC Intermediate Frequency and with effective gang condenser capacities of 108 to 180 mmfd. in unpaired circuits, and 365 to 420 mmfd. in paired circuits. Adjustable iron core permits accurate adjustment for proper tracking and calibration. Its small size of 1" by 3/8" permits its use in the most compact circuits.

**Fig. I—PHONE OSCILLATOR COIL FOR WIRELESS RECORD PLAYERS**

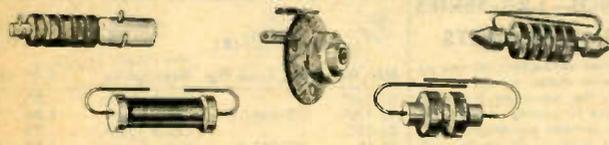
Knob adjustment for selection of clear frequency in BC band. Meissner Type 17-9373—1 1/2" sq. x 3 1/2" high. 2.22 BFO COIL

**Fig. J—"MINIATURE" ADJUSTABLE VIDEO PEAKING COILS**

Supplies beat note for CW reception. Range 290-650 KC. Peaked at 456 KC. 1 1/4" sq. x 3 1/2" high. Meissner Type 17-6753. Shpg. wt. 8 oz. 3.23

Type	Inductance Range	Net
19-1920	65 — 115 uh	.88
19-1921	115 — 195 uh	.88
19-1922	195 — 325 uh	.88
19-1923	325 — 500 uh	.88

## POPULAR R.F. CHOKES FOR EVERY PURPOSE



Long-standing favorites with the amateur, the engineer and the serviceman, these National and Meissner R. F. chokes offer exceptional service in transmitters, receivers, test equipment, etc. National R-38 chokes are 2-section, R-50 chokes are 3 and 4 section. National R-178 is especially satisfactory in transmitters with plate supply up to 3,000 volts modulated or 4,000 volts unmodulated. "U" following National type number indicates removable standoff insulator at one end. Meissner chokes are wound on specially treated dowels. National chokes use isolantite forms. Average shpg. wt., 2 oz.

## NATIONAL RF CHOKES

Type	Mh+	Ma	Ohms	Net	Type	Mh+	Ma	Ohms	Net
R-100	2.5	125	50	.39	R-300ST	2.5	300	10	.45
R-100	5	125	50	.39	R-33	10*	75	1.0	.39
R-100	10	125	50	.39	R-33	50*	75	4.0	.39
R-300	1	300	10	.43	R-33	100*	75	5.5	.39
R-100U	2.5	125	50	.47	R-33	1*	850	.06	.39
R-100U	5	125	50	.47	R-33	750*	75	17	.39
R-100U	10	150	50	.47	R-50	2.5	50	41.5	.39
R-300U	1	300	10	.47	R-50	.5	100	16.2	.39
R-100S	2.5	125	50	.47	R-50	1	100	22	.39
R-100S	5	125	50	.47	R-50-1	10	100	30	.60
R-100S	10	125	50	.47	R-60	2*	500	.39	.39
R-300S	1	300	10	.47	R-154	1	600	6	1.97
R-100ST	2.5	125	50	.45	R-154U	1	600	6	1.58
R-100ST	10	125	50	.45	R-175A	.225	800	6	3.49

\*Microhenries + Millihenries

## MEISSNER RF CHOKES

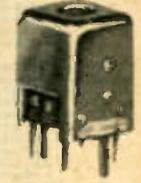
Type	Mh+	Ma	Ohms	Net	Type	Mh+	Ma	Ohms	Net
19-5584**	5.5	20	62	1.18	19-2330	30.0	20	160	.88
19-5588**	8.0	30	77	1.18	19-3247	60.0	20	258	1.18
19-5592**	30.0	20	165	1.18	19-2709	80.0	16	372	1.18
19-5594**	60.0	16	318	1.76	19-6834++	2.5	20	22	.88
19-5596**	80.0	16	342	1.76	19-6840++	10.0	20	50	1.03
19-1994	2.5	20	40	.88	19-6842++	30.0	20	114	1.18
19-4551	5.5	20	58	.88	19-6844++	60.0	12.5	247.5	1.47
19-2078	8.0	20	75	.88	19-6846++	80.0	15	258	1.76
19-8770	10.0	20	83	1.18	19-6848++	125.0	75	330	1.91
19-1995	16.0	20	108	.88					

++ Iron core type \*\*Shielded + Millihenries

## MEISSNER IF TRANSFORMERS

Permeability tuned, lug mounted miniature IF transformers. All have 455 KC intermediate frequency, except \* 262 KC. All units 1/2" square and 5/8" high, except \* 3/4" high. Shpg. wt., 4 oz.

TYPE	IMPEDANCE		APPLICATION	NET
	PRI	SEC		
16-9001*†	20000	600	AJS	3.53
16-9002†	25000	600	AJS	2.06
16-9003	10000	500	AJ	3.23
16-9004	10000	1500	S	3.23
16-9007	80000	25	A	3.23
16-9008	30000	25	J	3.23
16-9009	30000	1000	S	3.23
16-9012	25000	250	A	3.23
16-9013	20000	150	J	3.53
16-9014	20000	1000	S	2.06



**APPLICATIONS:**  
 A—INPUT  
 J—INTERSTAGE  
 S—OUTPUT

## MEISSNER FERRITE ANTENNA COILS



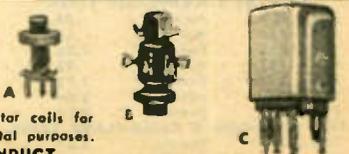
Ferrite antenna coils for broadcast frequencies, having high Q for maximum signal pickup and energy transfer to transistor. Type 14-9015 is adjustable. wt., 4 oz.

TYPE	FIG.	TUNING		SIZE	NET
		CAP. uuF	INDUCT. uH		
14-9001	FF	98	880	5/32" x 3/4" x 2-5/8"	1.77
14-9003	FR	365	240	1/2" dia. x 7" L	1.77
14-9005	FF	123	667	5/32" x 3/4" x 3-1/8"	1.62
14-9009	FR	165	506	3/8" dia. x 7" L	2.94
14-9011	FR	73	1125	3/8" dia. x 5" L	2.35
14-9013	FR	123	667	3/8" dia. x 5" L	1.76
14-9015	IF	100-365	200-900	3/8" dia. x 2" L	1.29

## MEISSNER OSCILLATOR COILS

Popular broadcast frequency oscillator coils for replacement, hobby and experimental purposes. Shpg. wt., 4 oz.

TYPE	FIG.	TUNING		SIZE	NET
		CAP. uuF	INDUCT. uH		
14-9004	B	365	140	1 1/16" dia. x 7/8" h	1.62
14-9006	C	78	248	1/2" x 1/2" x 5/8" h	3.23
14-9010	B	82	262	9/16" dia. x 1-1/8" h	1.47
14-9012	A	59	346	1/2" dia. x 3/4" h	1.76
14-9014	B	98	207	1 1/16" dia. x 7/8" h	1.47



# Coils-Coil Forms and Trimmers



**Fig. A—VIDEO PEAKING—FILAMENT CHOKE COILS**

Video peaking coils designed to provide proper bandwidth and wave shape for video signals. Coils without shunt wound on plastic forms; shunt type wound over resistor forms. No. 6175 is filament choke, isolates filament to reduce feedback, stray coupling, etc. 9/32 x 1/2" long. Peaking coils 3/16 x 3/8" long. Avg. shgp. wt., 2 oz.

Type	Uh	Shunt	Net	Type	Uh	Shunt	Net
6175	0.8	None	.50	6179	180	39K	.50
6152	20	None	.50	6180	180	None	.50
6176	36	None	.50	6154	200	None	.50
6172	73	None	.50	6173	250	22K	.50
6177	93	None	.50	6181	250	None	.50
6178	120	22K	.50	6155	300	None	.50
6153	120	None	.50	6174	300	None	.50

**Fig. B—44 MC 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. Adaptor plate furnished for use with tube socket hole. No. 6233 and 6234 have trap windings. 3/4 x 2". Avg. shgp. wt., 5 oz.

Type	Item	Net
6230	Converter I.F.	1.62
6231	44 MC 1st I.F.	1.62
6232	42.5 MC 2nd I.F.	1.41
6233	45.5 MC 3rd I.F.	1.71
6234	44 MC 4th I.F.	1.32

**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. Discriminator is Foster-Sealey type. 6190 and 6191 are 7/8 x 7/8 x 2 1/4". 6192 and 6184 are 1 1/4 x 1 1/4 x 2 1/2". Avg. shgp. wt., 5 oz.

Type	Item	Net
6190	1st Sound I.F.	1.62
6191	2nd Sound I.F.	1.62
6192	Discriminator	1.94
6184	Ratio Detector	2.26

**Fig. D—SYNC. STABILIZER COIL (Rimago Coil)**  
Wound on a 2" long bakelite form and unshielded. Mfg. clip fits a 7/16" hole. Adjustable within a range containing the horizontal sweep frequency. May be used as stabilizer in a multi-vibrator circuit. Overall 3/4 x 2 1/4". No. 6210. 16-42 MM. Shgp. wt., 2 oz. Eo. 1.47

**Fig. E—WIDTH LINEARITY CONTROL with A.G.C. WINDING**

For use in width circuit where it is desired to add A.G.C. Width coil 5-40 MH. A.G.C. winding 2.5-7MM. 3/4 x 2 1/4". 6316 Shgp. wt., 5 oz. Net 1.62

**Fig. F—4.5 MC INTERCARRIER SOUND I.F. COMPONENTS**

For the popular intercarrier sound TV receivers. Iron core tuning and Hi-Q no drift capacitors are used throughout. Aluminum shields. Top and bottom tuning. Mounting by 6/32 spade bolts. 1469 and 1470 are unshielded. Discriminator is Foster-Sealey type. 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 where a 4.5 MC signal must be attenuated. Av. shgp. wt., 5 oz.

Type	Item	Net
1466	Input or Interstage Discriminator	1.76
1467	Ratio Detector	2.06
1468	Sound Pick-Off	2.20
1469	Sound Trap	.88
1470	Sound Trap Shielded 3/4" x 2"	.88
1470-A	Sound Trap Shielded 1/4" x 2"	1.12

Similar to above but only 3/4" square by 2" high. With mounting clip and adaptor plate for use in standard tube socket hole.

Type	Item	Net
6203	Input or Interstage Discriminator	1.94
6204	Ratio Detector	2.20
6205	Ratio Detector	2.20

**Fig. G—HORIZONTAL OSC. AND SYNC. CONTROL COILS**

Permeability tuned—for use in horizontal osc. and A.F.C. circuits. Encased in aluminum. 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. 6182 is the same as 6182 except it has additional winding for sync. stabilization. Av. shgp. wt., 5 oz.

**Fig. H—"4D MC" TV PICTURE I.F.'S**

Currently used in RCA models having picture I.F. carrier 45.75 MC, sound I.F. carrier at 41.25 and intercarrier I.F. at 4.5 MC. All are in aluminum shields except 6219 which is unshielded. For use in subsequent stages. Range 41.75 to 45.75 MC. No. 6216, 6217 and 6218 have trap windings. 7/8 x 3/4 x 2 1/4", except 6219 1/2" O.O. x 1 1/4". Avg. shgp. wt., 5 oz.

Type	Item	Net
6215	Converter I.F.	1.62
6216	1st Pix I.F. Grid	1.94
6217	1st Pix I.F. Plate	1.94
6218	2nd Pix I.F. Grid	1.82
6219	3rd, 4th and 5th Pix I.F.	.88

**Fig. I—HORIZONTAL LINEARITY AND WIDTH CONTROLS**

Iron core variable inductance coils for linearity and width adjustment. Wound on a bakelite form 3/4" in diameter. Mfg. clip fits 5/16" hole. 6300's—phenolic form. Av. shgp. wt., 4 oz.

Type	Millihenries	Net
6195	.185 — 1.000	.88
6196	.054 — 0.245	.73
6196-A	.054 — .50 Tapped	.85
6197	.350 — 2.300 Tapped	.85
6198	.170 — 0.610	.73
6199-A	1.300 — 4.100 Tapped	.91
6199-B	.500 — 1.700	.88
6313	.50 — 5.0	1.18
6314	2.0 — 18	1.12
6315	4.0 — 30	1.18
6316	4.0 — 30 With AGE	1.61
6317	3.2 — 9.0 With AGE	1.47
6318	.20 — 3.0	1.00
6319	15 — 60	1.47
6320	.20 — 3.0 Tapped	1.03
6321	1.0 — 5.0 Tapped	1.18
6322	1.5 — 10	1.03
6323	.50 — 5.0 Tapped	1.47
6324	60 — 130 Tapped	1.03

**Fig. J—2D MC RANGE TV PICTURE I.F.'S**

Unshielded except for types 6231 and 6252. Types 6245 to 6248 are single wound. 6249 to 6254 are bifilar wound. Mfg. clip to fit 5/16" chassis hole. 3/4" O.D. x 2 1/2" long. Av. shgp. wt., 5 oz.

Type	I.F. Mc	Trap Mc	Net
6245	25.5 1st I.F.	27.25	1.67
6246	22.0 2nd I.F.	21.2	1.67
6247	21.25		1.03
6248	24.5		1.03
6249	21-25		1.03
6250	25-29		1.03
6251	21-25 Shielded		1.47
6252	25-29 Shielded		1.47
6253	21-30	20-23	1.91
6254	22-32	24-29	1.91

**Fig. K—CONVERTER AND PICTURE CHANNEL I.F. TRANSFORMERS**

Permeability tuned. Used to couple plate of mixer to first video I.F. stage and for video I.F. interstage coupling. Have slug-tuned traps for response curve shaping and sound or adjacent channel rejection. Type 6185 has top on trap for sound take-off to sound I.F. channel at 21.25mc. 3/4 x 2 1/4" high. Shgp. wt. 5 oz.

Type	I.F. Mc	Trap Mc	Net
6185	21.8	21.25	1.82
6186	25.3	27.25	1.82
6187	22.3	19.75	1.47

**MILLER TRANSISTOR I.F. TRANSFORMERS**  
These transformers have been designed for use with the 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. 25 K Sec. 600. Size: 1/2" sq. x 3/4" high. Shgp. wt., 5 oz. Net 2.06

**MILLER TRANSISTOR LOOP ANTENNA**  
A fixed inductance loop with a large pickup field 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 a variable capacitor having a maximum capacity of 365 mmd. Size: 1 1/4" x 9/16". Shgp. wt., 3 oz. No. 2000 Loop Antenna Net 1.76

**MILLER TRANSISTOR OSCILLATOR COIL**  
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 mmd. Intermediate frequency 455 kc. Broadcast band 540-1650 kc. Padder .0004 mmd. Mounting clip fits into a 5/16" diameter hole. Size: 1/2" x 1 1/4" high. Shgp. wt., 3 oz. No. 2020 Net 1.47

**CAMBRIDGE THERMIONIC CORPORATION SLUG-TUNED COILS**  
For TV traps, broadband RF amplifiers, general MF circuits, etc. Coil bodies of LSM, LS3 and LS4 are MF paper base phenolic; LS5 and LS6 are ceramic. LS3 has larger slug and breather bandpass. LS4 for larger inductance and Q. Slugs tunable from either end. Locking feature. Sizes: LSM, 27/32 x 1/4" dia.; LS3, 1 1/4 x 3/4" dia.; LS4, 2 x 1/2" dia.; LS5, 1-1/16" x 3/8" dia.; LS6, 27/32 x 1/4" dia. Wt., 4 oz.

Type	Description	Net Each
LS3	Coil Form	.48
LS3	1 1/2 Mc Coil	.74
LS3	5 Mc Coil	.70
LS3	10 Mc Coil	.67
LS3	30 Mc Coil	.66
LS3	60 Mc Coil	.66
LSM	Coil Form	.48
LSM	1 Mc Coil	.74
LSM	5 Mc Coil	.70
LSM	10 Mc Coil	.67
LSM	30 Mc Coil	.66
LSM	60 Mc Coil	.66
LS4	Coil Form	.64
LS5	Coil Form	.57
LS6	Coil Form	.52

**MICA TRIMMERS AND PADDERS**  
Base of low-loss ceramic. 1-7/32" x 3/4" x 3/8" in size. 1-7/32" mfg. ctrs. Capacity ranges derived from 3 turns open to tight setting. Av. shgp. wt., 2 oz.

STOCK NO.	M.M.F.	EACH 1-2	EACH 10-49	EACH 50-99
C-731	2-30	.24	.21	.18
C-732	1-80	.26	.23	.20
C-733	9-180	.29	.26	.23
C-734	25-240	.32	.29	.26
C-735	45-360	.35	.31	.28
C-736	70-480	.38	.34	.31
C-737	100-500	.44	.40	.36

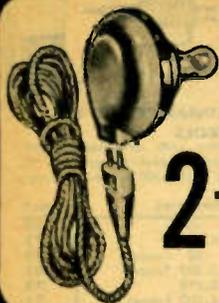
**CAMBRIDGE THERMIONIC PRINTED CIRCUIT COIL FORMS**  
An internally threaded phenolic tube with collars and solder lugs, with powdered iron core that is adjustable from either end of the form. A simple vertical mounting by punching two to four holes in board. Winding area on form is 1 1/16" long. Types SPC1 have 5/16" core. Types SPC2 have 3/8" core. Avg. shgp. wt., 2 oz.

TYPE NO.	TUBE DIAM.	O.D.	NUMBER OF LUGS	NET
SPC1-A-2L	.219"	.356"	2	.21
SPC1-A-3L	.219"	.356"	3	.21
SPC1-A-4L	.219"	.356"	4	.21
SPC2-B-2L	.285"	.426"	2	.21
SPC2-B-3L	.285"	.426"	3	.21
SPC2-B-4L	.285"	.426"	4	.21

**AMPHENOL COIL FORMS**  
High quality coil forms for the amateur, experimenter and builder. Outstanding performance in receivers and low power transmitters in the RF and UHF range. All plug in type except type 24 which mounts by 6-32 screw mtg. hole in base. Shgp. wt., 1 oz.

Type	Description	Size	NET EACH	100 EACH	250 EACH
24-4P	4-Prong Std.	2 1/4 x 1 1/2"	.24	.20	.18
24-5P	5-Prong Std.	2 1/4 x 1 1/2"	.24	.20	.18
24-6P	6-Prong Std.	2 1/4 x 1 1/2"	.24	.20	.18
24-4SH	5-Prong Min.	1-9/16 x 3/4"	.24	.20	.18
24-6H	6-Prong Min.	1-9/16 x 3/4"	.24	.20	.18
24 Form only	No Prongs	1-9/16 x 3/4"	.09	.075	.07

# MINIATURE EARPHONES AND ACCESSORIES



## NEW! SUPER POWER DYNAMIC EARPHONE FOR TRANSISTOR CIRCUITS

2.95

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.

MS-260

Net 2.95

*Argonne*

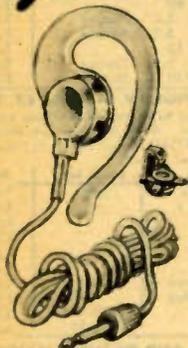
## DYNAMIC EARPHONE

1.59

- 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.

- 6 ohm impedance with phone tip plug. Net 1.59  
AR-51  
3000 ohm impedance with phone tip plug. Net 1.59  
AR-50  
6 ohm impedance with subminiature phone plug and matching phone jack. Net 1.79  
AR-47  
3000 ohm impedance with subminiature plug and matching phone jack. Net 1.79  
AR-46



## EXTENSION CABLE WITH MINIATURE PHONE PLUG & ADAPTER

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.

MS-590 Net .39

.39

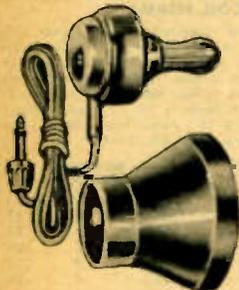
## NEW! HIGH OUTPUT CRYSTAL EARPHONE

*With Interchangeable Earpiece*

*And Mouthpiece for Use As Crystal Mike!*

High output crystal earphone with sanitary plastic ear-insert and 5 1/2" 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.

- 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! 2 1/2" diameter round ivory plastic case, only 3/8" 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. Shipping weight 1/2 lb.

F-328 "Whisper" Pillow Speaker. Net 2.25



2.25



AS LOW AS 79¢

## ECONOMY ALL-PURPOSE DYNAMIC EARPHONES.

- FOR TRANSISTOR AND SUBMINIATURE RECEIVERS
- FOR SILENT RADIO AND TV LISTENING.

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.

6 ohm impedance with subminiature phone plug. Net .79  
MS-591

6 ohm impedance, with phone tip plugs. Net .98  
MS-365

2000 ohm impedance, with phone tip plugs. Net 1.15  
MS-367

2000 ohm impedance with subminiature phone plug. Net 1.05  
MS-368

## 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.

### BINAURAL HEADPHONES

- MS-431. Binaural-Magnetic-6 ohms impedance. 2.35  
MS-432. Binaural-Magnetic-3000 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-3000 ohms impedance. 1.95



## NEW! CRYSTAL HEADSET

1.39

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 Net 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. Taps 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 to 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 cut off.
- FOR NORMAL OPERATION:** Does not affect your regular use of the T.V. set. Does not have to be disconnected from set.

5. **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.

6. **DYNAMIC EAR PHONE:** Set is supplied with one of AR-DYNE 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.

7. **CONVENIENT:** Size only 3 1/4" 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**

## BRUSH CRYSTAL HEADPHONES

General Purpose 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 12.64**

**ME-10** **Net 12.64**  
**Model BA-200B.** Same as above but wired for binaural use. Impedance, 90,000 ohms.

**ME-11** **Net 13.82**  
**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 9.80**

**ME-12** **Net 9.80**  
**Hi-Fi Double Headphones**  
**Model BA-205.** For lab and other critical uses. Response 100 to 10,000 cps with low distortion. Impedance, 75,000 ohms. Shpg. wt., 2 lbs. **Net 19.40**

**ME-13** **Net 19.40**  
**Model BA-205B.** As above but wired for binaural use. Impedance 150,000 ohms.

**ME-14** **Net 20.58**  
**Model BA-206.** For ultimate hi-fi listening pleasure. Flat response 60-8000 cps. Impedance, 50,000 ohms. Shpg. wt., 2 lbs. **Net 20.38**

**ME-15** **Net 20.38**  
**Model BA-206B.** As above but wired for binaural use. Impedance, 100,000 ohms. Shpg. wt., 2 lbs. **Net 21.56**

**ME-16** **Net 21.56**

## BRITISH INDUSTRIES HEADPHONES

Type K Hi-Fi Dynamic Headphones

MONAURAL • BINAURAL

Actually 2 miniature hi-fi speakers, each with response of 50 to over 10,000 cps. Uses cone diaphragms. Connects to any sound system: amplifier, tape recorder, radio, etc. Complete with rubber ear cushions and flexible 6' one-piece connecting cord and adjustable headbands. Available with Monaural/Binaural wiring. Shpg. wt., 1 1/2 lbs.

- ME-20** Type K-52 ohms **Net 28.95**  
**ME-21** Type K-600 ohms **Net 34.50**  
**ME-22** Type K 15,000 ohms **Net 36.50**

## PHONE AND SPEAKER CORDS 4 1/2 Feet Long

Avg. shpg. wt. 11 oz.

- Sturdily made, with cotton braid insulation. 4 1/2 feet long.  
**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.

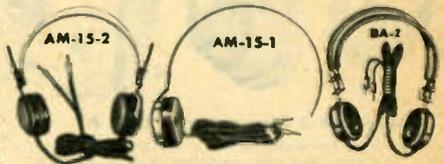
- MS-34** Pair **.73** 5 Pairs for **3.35**

## LAFAYETTE SPECIAL

### 4,000 Ohm Head Set Double Magnet 1.59



Quality double headset with adjustable headband for comfortable listening. 4000 ohms d.c. resistance. Has durable permanent magnets, removable ear piece and 3 1/2 ft. of extension cord, covered with woven cotton braid and terminated with standard head phone tips. Extremely light weight and efficient. Shpg. wt., 12 oz. **F-374** **Net 1.59**



## "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. **2.06**  
**ME-31** AM-15-3—3000 ohms D.C. **2.20**  
**ME-32** AM-15-5—5000 ohms D.C. **3.09**

## "CANNON-BALL" SINGLE HEADSET

Single, efficient phone with spring steel headband. 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 DC **1.32**

## 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 **2.44**  
**ME-36** BA-3—3000 ohms **2.73**  
**ME-37** BA-5—5000 ohms **3.33**

## BRANDES "SUPERIOR" HEADPHONES

"Matched-tone" headset of same general construction as the "Admiral" but with terminals on the outside.

- ME-38** 65-2—2000 ohms **2.44**

## 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 loud-speaker 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 **1.85** Shpg. wt. 8 oz.

## 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 1/32" long by 1/8" diameter. Jack can be mounted on any panel up to 1/8" thick.

- PJ-39** TELEX NO. 9231—PLUG. Shpg. wt. 4 oz. **35**  
**PJ-40** TELEX NO. 9245—JACK (Closed Circuit). 4 oz. **24**  
**PJ-41** TELEX NO. 12102—JACK (Open Circuit). 4 oz. **24**

## TELEX DYNAMIC

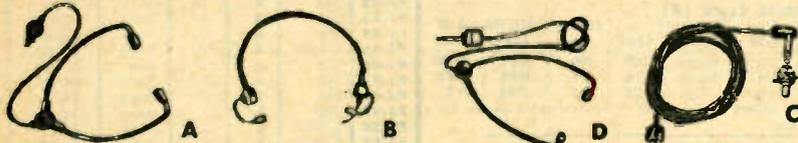
### MINI-MIKE

- High Sensitivity
- Light Weight
- 1 x 1 x 3/4" Only

Truly an outstanding addition to the famous Telex line of miniature electronic equipment and parts. This tiny unit, housed in case only 1 x 1 x 3/4", contains a dynamic speaker and mike. Ideal in any application requiring a miniature electro-acoustic transducer, such as dictating machines, transceivers etc. Impedance, 10 ohm. Sensitivity: 52 db below 1 v/dyne/sq.cm (mike with transformer); 124 db with 10 mw input (speaker). Weighs only 1 1/2 oz. Tough thermosetting plastic and steel case.

- ME-66** Model 9155—less transformer, 4 oz. **Net 5.53**  
**ME-67** Model 8918—Matching Transformer. Input to grid, 0 to 150,000 ohms. Size 11/16 x 5/16 x 1/4". 4 oz. **Net 2.65**

## TELEX HEADPHONES AND ACCESSORIES



### TELEX MONOSET (Fig. A)

Under-the-chin lightweight headset for individual listening. Reduces head fatigue. Removable white plastic ear plugs for easy cleaning. Magnetic type. Weighs 1.2 oz. Complete with 5 ft. cord and standard phone plug.

- ME-50** 18183—128 ohms **Net 7.35**  
**ME-51** 18184—2000 ohms **Net 7.35**  
**ME-52** 18185—128 ohm with volume control **Net 12.49**  
**ME-53** 18186—2000 ohm with volume control **Net 12.49**

### 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** 3791—64 ohms **Net 12.35**  
**ME-55** 3775—1000 ohm for pilot use (CAATC3R2-1) **Net 12.35**

### TELEX CORD SETS (Fig. C)

All are 5 ft. cords without volume controls. All fit Monaset, twinset, and magnetic pillow speaker except \*fits dynamic pillow speaker. Shpg. wt. 9 oz.

- | Plug Type                                  | Net         |
|--|-------------|
| <b>ME-56</b> 3280—Standard Phone Plug      | <b>2.06</b> |
| <b>ME-57</b> 9200—90° miniature phone plug | <b>1.85</b> |
| <b>ME-58</b> 9225—Straight min. phone plug | <b>2.06</b> |
| <b>ME-59</b> 8555—Extension cord           | <b>2.06</b> |
| <b>ME-60</b> 4230—Standard phone plug      | <b>2.06</b> |



### TELEX HI-FI DYNASET (Fig. D)

Sensitive Hi-Fi under-the-chin 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** 6701-P—6 ohms—Complete List 14.75 **Net 8.67**

### 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 3/8" dia., 1 1/8" max. thickness. With 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.

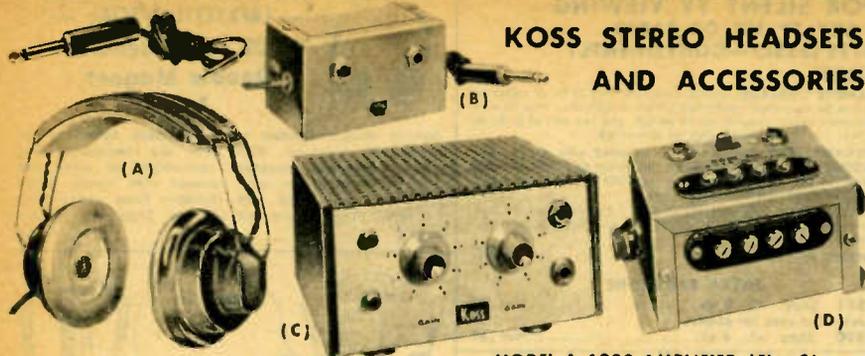
- ME-62** 8110—3.0 ohm **List 10.20** **Net 6.00**  
**ME-63** 8130—10,000 ohm **List 12.10** **Net 7.11**

### TELEX MAGNETIC PILLOW SPEAKER (Fig. F)

Only 2 1/4" diameter and only 5/8" thick! Ideal for comfortable radio or television listening through a pillow in bed or in a chair without disturbing others. Moroon waterproof plastic. Complete with 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.

- ME-64** 4500—125 ohms **List 10.70** **Net 6.61**  
**ME-65** 4530—2000 ohms **List 10.70** **Net 6.61**

# Plugs, Jacks, Clips, Posts



## 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 30-15000 cycles by means of unusual 3 1/2 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.

Net 24.95

### MODEL T-7 JUNCTION BOX (Fig. B)

This Junction Box is made to plug directly into any portable phonograph or tape recorder having 2 plug-in side wing speakers such as Motorola, Webcor, Emerson, etc. Equipped with 2 phone type output jacks and standard phone plugs. Shipping Weight 1 lb.

Net 5.95

### MODEL T-8

Same as above except equipped with RCA Phono Jacks. Shipping Weight 1 lb.

G-602

Net 5.95

### MODEL A-1220 AMPLIFIER (Fig. C)

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 Phone 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.

Net 29.95

### 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 1 1/2 lbs.

G-604 Net 5.95

### MODEL T-5 JUNCTION BOX (Fig. D)

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 1 1/2 lbs.

G-605 Net 5.95

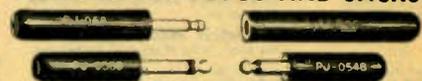
## GENERAL RADIO TYPE 274MB INSULATED DOUBLE PLUG

Attractively designed, Molded-Styrene 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. Shipping weight 5 oz.

General Radio Type 274MB

Net .65

## SWITCHCRAFT PLUGS AND JACKS

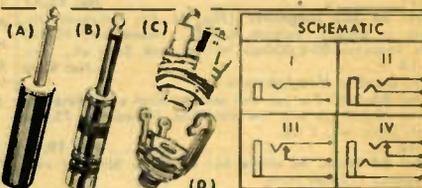


### MIL TYPE PLUGS AND EXTENSION JACK

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 Littell plug. All have screw terminals. Average Shipping Weight 5 oz.

### LITTEL-PLUGS AND JACK

Type	Cond.	S.C. No.	Jon Type	Old		Net Each	
				1-49	50-100	99 & up	
430	2	PL-54	PJ-054B	.82	.69	.63	
440	2	PL-55	PJ-055B	.82	.69	.63	
480	3	PL-68	PJ-068	2.12	1.76	1.62	
820	2	JK-26	JJ-026	1.18	.98	.90	



"LITTLE-PLUGS" PHONE PLUGS — Compact quality plugs. Fits standard 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 1-11 16" long, 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	5-250*	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	5-280†	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 1/4" phono plugs, except \* with .210" J.O. sleeve and † mates with 480 Mil type "Little-Plug." Abbrs: SCC—single closed ckt; OC—open ckt. 3/8" dia., 1-9 32" overall; 3/8" dia. threaded shank, 9/32" 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

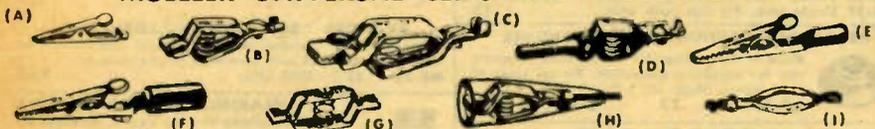
"TINI-PLUGS" SUBMINIATURE PHONE PLUGS. 2 conductor phone plug for use with "Tini-Jax." Only 1/8" in length. In plastic or metal shielded handles. Wt., 2 oz.

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 jacks for "Tini-Plugs." Only 21 32" long. Abbrs: OC—open Ckt; CC—closed Ckt. Av. Shpg. wt., 2 oz.

STOCK NO.	TYPE	SCHEMATIC	CKT.	NET
PJ-67	41	I	OC	.24
PJ-68	42A	II	CC	.26

## 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. Insulators not included in price.

### MINI-GATOR CLIP (A)

Smallest made steel, cadmium plated alligator jaws open 3/16". Length 1-1/16". Solder connection. For #20 or smaller wire. Uses No. 32 Insulator. Avg. Shpg. Wt. 4 ozs.

NO.	EACH	LOTS 10	LOTS 100	500 UP
30	.07	.044	.039	.036

### 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 ozs.

NO.	AMP.	SIZE	EACH	LOTS 10	LOTS 100	500 UP
45	5	1 1/2"	.07	.05	.042	.04
45C*	10	1 1/2"	.13	.09	.078	.072
48B	10	2"	.10	.07	.06	.056
48C*	10	2"	.14	.098	.084	.08
50C†	10	2 1/2"	.26	.18	.15	

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.

NO.	AMP.	SIZE	EACH	LOTS 10	LOTS 100	500 UP
24A	25	2 1/2"	.22	.15	.13	.12
21A	50	4"	.40	.28	.24	.23
11A	100	6"	.98	.69	.59	.56
24C*	50	2 1/2"	.33	.24	.20	.19
21C*	100	4 1/2"	.91	.64	.55	.52
11C*	200	6"	1.67	1.17	1.00	.95

### 3 SIDED MESH TEETH CLIPS (C)

\* Solid copper, others cad. plated steel. Avg. Shpg. 4 ozs.

NO.	AMP.	SIZE	EACH	LOTS 10	LOTS 100	500 UP
27	20	2-7/16"	.13	.09	.08	.07
27C*	40	2-7/16"	.20	.14	.12	.112

### PHOSPHOR-BRONZE WEE-PEE-WEE CLIPS (I)

Non-ferrous R.F. test clip. Length 1-11/16". Jaws open 5/32". Uses 93 insulator. Avg. Shpg. Wt. 4 ozs.

NO.	EACH	LOTS 10	LOTS 100	500 UP
88	.22	.15	.13	.124

### CROCODILE CLIPS (D)

Avg. Shpg. Wt. 4 ozs.

NO.	SIZE	CONN.	EACH	LOTS 10	LOTS 100	500 UP
85	2 1/2"	Screw	.09	.06	.052	.049
85C*	2 1/2"	Screw	.16	.11	.098	.092
85†	2 1/2"	Tip	.21	.15	.126	.12

\* Copper, others cad. plated. † has standard phone pin in one jaw.

### ALLIGATOR CLIPS (E)

Avg. Shpg. Wt. 4 ozs.

NO.	SIZE	OPEN	CONN.	EACH	LOTS 10	LOTS 100	500 UP
60	2"	5/16"	Sid.	.07	.05	.044	.04
60S	2"	5/16"	Sid.	.08	.058	.048	.044
60CS*	2"	5/16"	Screw	.12	.084	.072	.068

\* Copper, others steel. All fit banana plugs.

### INSULATED ALLIGATOR CLIPS (F)

Specify red or black. \* copper, others cad. plated steel.

Avg. Shpg. Wt. 4 ozs.

NO.	SIZE	CONN.	EACH	LOTS 10	LOTS 100	500 UP
60HS	2-11/32"	Sid.	.12	.084	.072	.068
60CSH*	2-11/32"	Screw	.15	.105	.09	.086

### TWIN CLIPS (G)

Jaws at both ends operate independently. Cad. plated steel 2" long, jaws open 1/2". Avg. Shpg. Wt. 4 ozs.

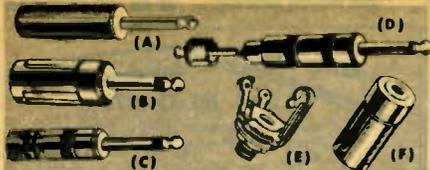
NO.	EACH	LOTS 10	LOTS 100	500 UP
22	.11	.08	.068	.064

### FLEXIBLE INSULATORS (H) Avg. Shpg. Wt. 4 ozs.

BOX OF 10 CONTAINS 5 RED AND 5 BLACK

INS. NO.	FITS CLIP SERIES	NET EA.	LOTS 10	LOTS 100	LOTS 500
13	11	.85	.59	.51	.48
23	21	.46	.32	.27	.26
26	24	.23	.16	.137	.13
29	27	.15	.10	.088	.084
32	30	.06	.04	.035	.033
47	45	.06	.044	.038	.036
49	48 & 50	.09	.065	.054	.052
62	60	.06	.04	.035	.033
87	85	.06	.044	.038	.036
93	88	.12	.08	.07	.067

# Plugs, Jacks, Clips, Posts



## 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.  
MS-453 Net .25 ea. — 10 for 2.15

**FIG. B. BARREL PHONE PLUG** Ribbed plastic barrel handle. Screw terminals.  
MS-455 Net .22 ea. — 10 for 1.90

**FIG. C. SHIELDED SLIM PLUG** Ribbed chromed metal handle. Solder terminal with cable clamp.  
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 1/2" x 1/4" diam.  
MS-444 Net .39 ea. — 10 for 3.25

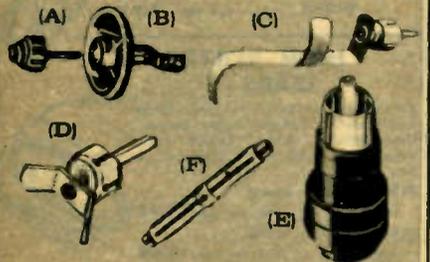
## STANDARD PHONE JACKS FOR 1/4" PLUGS

**FIG. E. OPEN CIRCUIT JACK** Standard open circuit phone jack. 1/4" bushing, 1/2" long. Complete with mounting hardware.  
MS-441 8 oz. Net .19 ea. — 10 for 1.75

**FIG. C. CLOSED CIRCUIT JACK** Same as above but closed circuit phone jack.  
MS-454 Net .19 ea. — 10 for 1.75

**FIG. E. OPEN CIRCUIT JACK** Open circuit jack for 3 conductors.  
MS-318 Shpg. wt., 8 oz. Net .29 ea. — 10 for 2.50

**FIG. F. EXTENSION CABLE JACK** Fit standard 1/4" phone plug. Screw terminals. Barrel plastic handle matches MS-455 Barrel plug.  
MS-442 Shpg. wt., 10 oz. Net .22 ea. — 10 for 1.90



## PHONO PLUGS AND JACKS

(A) Single Prang Shielded Plug — RCA type, used extensively for mike, phono, etc.  
MS-167 — 10 for 35c Shpg. wt. 4 oz. singly, ea. 4c

(B) Phono Jack — Accepts RCA type phono plug. Mounts in rear of panel.  
MS-168 — 10 for 50c Shpg. wt., 4 oz. singly, ea. 6c

(C) Solderless Phono Plug — For phono, coax cables. Pin contacts center conductor, tab wraps around shield.  
MS-373 — Lots of 10, ea. 35c Wt., 4 oz. singly, ea. 38c

(D) Finger grip plug — Phono plug with handy finger grip.  
MS-471 — 10 for 50c Shpg. wt., 4 oz. singly, ea. 6c

(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. 38c

(F) Feed Thru — Accepts male phono plug at both ends.  
MS-96 Shpg. wt., 4 oz. Net .53c



## PHONO PIN JACK SINGLE HOLE MOUNTING

RCA type female input jack. Mounts securely in single 1/4" hole by means of locknut on back. Screws, nuts and washers unnecessary.  
MS-568 Shpg. wt., 4 oz. Net 1.3 Singly ea. .15

## SUBMINIATURE PHONE PLUG AND JACK

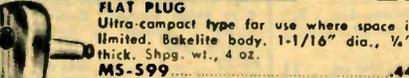
Another Lafayette First!



Latest and tiniest phone plug and jack available. Only 1" long x 3/4" diameter, overall. Highest quality styling and construction. Excellent for transistor and subminiature applications. Plug has removable sleeve. Jack can be mounted on panel up to 1/16" thick. Jack can be used for both open and closed circuits. 4 oz.  
MS-281—Plug Net .17  
MS-282—Jack Net .13  
MS-370 Plug and Jack Set Net .25

## MINIATURE PLUG AND JACK

Two-conductor precision army type. Needs no screws; molded plastic case cements together. Ideal for hearing aids, speaker extensions, etc. Shpg. wt., 4 oz.  
MS-40—Plug only (Type PL-291) Each .36  
MS-41—Jack only (Type JK-48) Each .40



**FLAT PLUG**  
Ultra-compact type for use where space is limited. Bakelite body. 1-1/16" 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.  
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 3/4". Shpg. wt., 4 oz.  
MS-534 Plug Net ea. .59 10 for 5.30

(B) Matching in-line phone jack, same construction as plug. Overall length 2".  
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. 1-5/16" long. Shpg. wt., 4 oz.  
MS-593 Net .19

(B) Extension Cable Jack for use with MS-593 or any other type of phono plug. Shpg. wt., 4 oz.  
MS-594 Net .19

## JUMPER LEAD KIT



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.  
MS-479 1.19

## 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.  
MS-569 Kit B (1 1/2") Net .89  
MS-570 Kit A (2 1/2") 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.  
MS-451—Red Alligator Clip Net Ea. .07  
MS-452—Black Alligator Clip } 20 for 1.17

## CROCODILE CLIPS

Nickel plated brass type for low resistance. Quality springs maintain positive action. Provided with rubber insulation. Shpg. wt., 2 oz.

Stack No.	Amps	Size	Net
MS-582	1	1 1/2"	10 for .90
MS-583	5	2 1/2"	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 SINGLY, EACH .08

## 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 stand. Molded plastic construction. For panels 1/16" to 1/4" thick. In either red or black color; specify.  
PJ-37—Shpg. wt., 8 oz. Net Ea. 25c

## METAL BINDING POST

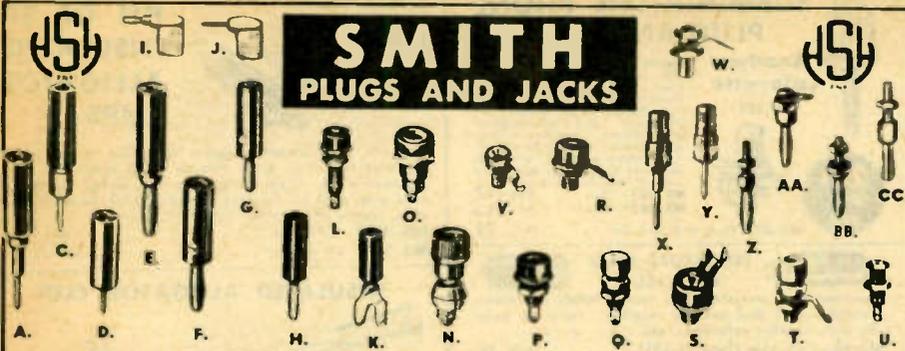
Made of brass, heavily nickel plated overall. With screw and lock washer. Shpg. wt., 8 oz.  
PJ-38 Net Ea. 15c

## KIT OF 10 5-WAY BINDING POSTS

- FOR BANANA PLUG
- FOR PHONE TIP PLUG
- FOR SPADE LUG
- FOR ALLIGATOR CLIP
- FOR STRAND OF WIRE

For panels 1/16" to 1/4" thick. Assortment of 10 pieces, 5 Red and 5 Black. Shpg. wt., 8 oz.  
MS-566 Binding Post Kit Net .79

# 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 1/8" overall. Specify color.  
 PJ-10.....Net ea. .15  
 10 for 1.35.....100 for 12.15

**Fig. C.** Insulated Solderless Tip Plug. 1" handle, 2" length overall. Specify color.  
 PJ-11.....Net ea. .15  
 10 for 1.35.....100 for 12.15

**Fig. D.** Insulated Short Tip Plug. Solder type. 1" handle. 1-17/32" overall length.  
 PJ-12.....Net ea. .12  
 10 for 1.08.....100 for 9.72

**Fig. E.** Insulated Banana Plug. Spring type. Internal set screw for soldering. 1" handle. 1-15/16" length overall. Phosphorbronze. Specify color.  
 PJ-13.....Net ea. .21  
 10 for 1.89.....100 for 17.01

**Fig. F.** Solderless Insulated Banana Plug. Spring type. 1" handle. 1-11/16" overall. Specify color.  
 PJ-14.....Net ea. .18  
 10 for 1.62.....100 for 14.60

**Fig. G.** Solderless Insulated Banana Plug. Split type. 1" handle. 1-9/16" overall. Specify color.  
 PJ-15.....Net ea. .18  
 10 for 1.62.....100 for 14.60

**Fig. H.** Insulated Banana Plug. Spring type. 1" handle. 1 1/2" overall. Solder type. Specify color.  
 PJ-16.....Net ea. .18  
 10 for 1.62.....100 for 14.60

**Fig. I.** Molded Meter Banana Plug. Specify Red or Black.  
 PJ-17.....Net ea. .36  
 10 for 3.24.....100 for 29.16

**Fig. J.** Molded Meter Tip Plug. Specify Red or Black.  
 PJ-18.....Net ea. .27  
 10 for 2.43.....100 for 21.87

**Fig. K.** Insulated Spade Lug. 3/4" handle. 1 1/2" length overall. Specify Red or Black.  
 PJ-19.....Net ea. .11  
 10 for .99.....100 for 8.91

**INSULATED JACKS**

**Fig. L.** Phone Tip or Banana Plug. Mounts in 5/16" hole. Specify color.  
 PJ-20.....Net ea. .15  
 10 for 1.35.....100 for 12.15

**Fig. N.** 5-Way Binding Post. Takes phone tips, banana plugs, spade lugs, allegator clip, wire. All insulated type. Specify Red or Black.  
 PJ-21.....Net ea. .27  
 10 for 2.43.....100 for 21.87

**Fig. O.** Nylon All Insulated Tip Jack. 1" overall. Mounts in 3/8" hole. Specify color.  
 PJ-22.....Net ea. .18  
 10 for 1.62.....100 for 14.6

**Fig. P.** Insulated Tip Jack. 1-1/64" overall length. Mounts in 5/16" hole. Specify color.  
 PJ-23.....Net ea. .13  
 10 for 1.17.....100 for 10.53

**Fig. Q.** Nylon Insulated Tip Jack. With nylon washer. 1" overall length. Mounts in 5/16" hole. Specify color.  
 PJ-24.....Net ea. .18  
 10 for 1.62.....100 for 14.60

**Fig. R.** Insulated Banana Jack. 27/32" overall length. Mounts in 5/16" hole. Specify color.  
 PJ-25.....Net ea. .12  
 10 for 1.03.....100 for 9.72

**Fig. S.** Instrument Banana Jack. 27/32" overall length. Mounts in 5/16" hole. Specify color.  
 PJ-26.....Net ea. .15  
 10 for 1.35.....100 for 12.15

**Fig. T.** Nylon Insulated Banana Jack. With nylon washer. Overall length 53/64". Mounts in 5/16" hole. Specify color.  
 PJ-27.....Net ea. .18  
 10 for 1.62.....100 for 14.60

**METAL JACKS**

**Fig. U.** Metal Tip Jack. Mounts in 1/4" hole.  
 PJ-28.....Net ea. .10  
 10 for .90.....100 for 8.10

**Fig. V.** Metal Banana Jack. Mounts in 1/4" hole.  
 PJ-29.....Net ea. .10  
 10 for .90.....100 for 8.10

**Fig. W.** Metal Banana Jack. Mounts in 1/4" hole.  
 PJ-30.....Net ea. .10  
 10 for .90.....100 for 8.10

**NON-INSULATED PLUGS**

**Fig. X.** Solderless Phone Tip, Sr. 1 1/2" long.  
 PJ-31.....Net ea. .10  
 10 for .90.....100 for 8.10

**Fig. Y.** Solderless Phone Tip, Jr. 1-3/16" long.  
 PJ-32.....Net ea. .10  
 10 for .90.....100 for 8.10

**Fig. Z.** Banana Plug. Spring type. 1 1/2" overall. 6-32 x 1/2" stud.  
 PJ-33.....Net ea. .15  
 10 for 1.35.....100 for 12.50

**Fig. AA.** Banana Plug. Spring type. Screw in head. 1-1/32" overall.  
 PJ-34.....Net ea. .15  
 10 for 1.35.....100 for 12.15

**Fig. BB.** Banana Plug. Spring type. 1 1/2" overall. 6-32 x 3/8" stud.  
 PJ-35.....Net ea. .15  
 10 for 1.35.....100 for 12.15

**Fig. CC.** Banana Plug. Split type. 1 1/2" overall. 6-32 x 1/2" stud.  
 PJ-36.....Net ea. .14  
 10 for 1.26.....100 for 11.34



### G-C NE-O-LITE

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 1/2 oz. MS-257.....Net. ea. .45

Lots of 10, ea. .41

### 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., 2 oz.

	10 ft.	25 ft.	100 ft.
	Net	Net	Net
Belden 8899	.41	.73	2.25
Belden 8898	.56	1.15	3.38

### G-C MASTER TEST LEADS

Heavy duty test leads. 50" long. Solderless type. Extra flexible leads run through the handles and are fastened under the knurled collar on the tips. Shpg. wt. 6 ozs.

**P-296**—Test Leads with solderless type straight tips. Net per pair ..... 1.09

**P-297**—Test Leads with angle type tips. Net per pair ..... 1.23



### 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-298**.....Net per pair 2.91



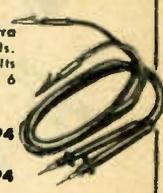
### HIGH VOLTAGE LEADS

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

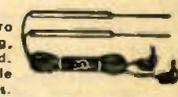
**MS-540**—with alligator clips.....Net per pair 2.35



### 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

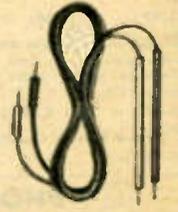
Net per pair..... 1.12



### G-C KLIPZON TEST LEADS

Maximum time saving, convenience, safety. Clips on to wires, lugs, terminals for firm contact of test points. Frees both hands. 48" super flexible leads. With phone tip terminals. Shpg. wt. 6 ozs.

**P-299**.....Net per pair ..... 1.62



### G-C 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

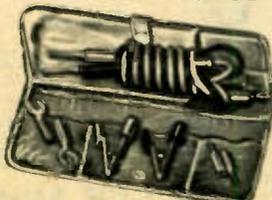


## LAFAYETTE SPECIAL BARGAINS

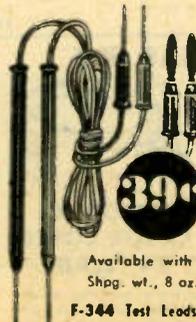
### BUDGET UNIVERSAL TEST LEAD KIT IN PLASTIC CASE

This kit consists of color coded 4 1/2" long x 3/8" dia. red and black plastic handle pin prods with heavy duty 37" kinkless rubber leads with 5000 v breakdown insulation terminating in coded 2" long x 3/8" 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**.....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 3/8" diameter. Supplied in pair of one red and one black.

Available with either pin or banana plugs. Shpg. wt., 8 oz.

**F-344** Test Leads With Banana Plugs Net .39

**F-345** Test Leads With Pin Plugs Net .39

# LAFAYETTE SPECIAL ELECTRICAL ACCESSORIES

## NEW! Minneapolis-Honeywell TAP-LITE

- QUIET — CONVENIENT — TOUCH ACTION
- COMPLETE COLOR VERSATILITY • SUPER SMOOTH ALMOST SOUNDLESS • SCREWLESS TERMINALS



A completely new concept in wall switch design. Trim, ivory button and concave plexiglass flush plate. 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 through use of unique, screwless terminals. Can be installed in a few seconds by anyone. No extra wiring needed. 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. Dated 15 amps., 120-277 V.A.C. U.L. Insp.  
 EL-49—Single Plate—List 1.95 ..... Net 1.43  
 EL-50—3-Way—List 2.45 ..... Net 1.80  
 EL-51—Single Plate—2 gang—List 4.00 ..... Net 2.94

## TAP-A-LINE

**HANDY  
8 in 1  
OUTLET**



**THE MULTI-PLUG OF A HUNDRED USES—SAFE AND CONVENIENT TO USE**

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., 1 1/2 lbs.  
 EL-10 ..... Net 1.47  
 EL-11—Same as above but 2' long ..... Net 2.40

## Cordomatic HANDY LITE NEW LOW PRICE



- 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  
**CORDOMATIC EXTENSION CABLE.** Similar to above, except terminates with a 3-way power tap instead of high fixture. Extremely versatile—use indoors or out. U.L. approved. Shpg. wt., 4 1/2 lbs.  
 EL-71 ..... Net 5.84

## PROTECTO-CORD



Protecto cards are designed to protect extension cords, intercom cables, twin lead etc. from foot traffic

where such cords must cross doorways, or part of the floor. Just slip wires into the slot and Protecto cards unique soft rubber non-skid construction will adapt itself to any floor giving you a safe and good looking installation. Gray. Shpg. wt., 2 lbs.

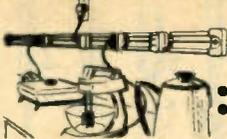
EL-58 3' length (for Standard doorways) ..... Net 1.22  
 EL-59 6' length (can be cut to any length) ..... Net 2.35

## 50 ft. TROUBLE LAMP



• **2 Side Outlet Tool**  
 All rubber sheath—all copper wired Flip-Lok cage eliminates removing from handle to re-lamp. Uses any standard lamp. Heavy rubber plug-push switch—rugged rubber handle. Fifty feet of husky, rugged convenience. Light and power where you want it. A necessity in the shop—home—garage—car. Shpg. wt., 4 lbs.  
 EL-41 ..... Net 1.80

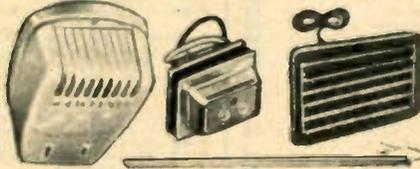
## NEW! Electrostrip OUTLET SYSTEM



- Every Inch an Outlet!
- Mounts anywhere—quickly—easily!
- No breaking into walls!
- Add outlets—move outlets—at will!

The most notable wiring development in years. Intended for use in commercial, institutional, industrial, office and residential occupancies. Quick-easy installation anywhere. On baseboard, workbench, walls, counters—conducting or non-conducting surfaces. Hand forms to corners and irregularities. Eliminates extension cord dangers. 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. Maximum safety combined with accessibility. 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 125 V. AC.  
 EL-67 4 ft. kit—Shpg. wt., 1 1/2 lbs. ..... Net 2.29  
 EL-68 15 ft. kit—Shpg. wt., 3 1/2 lbs. ..... Net 7.80  
 EL-69 Extra receptacle. Shpg. wt., 3 ozs. ..... Net .35

## "TAPESWITCH" MATS AND STRIPS



Tapewitch 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 3/32" thick, can be placed under rugs without bulging. Finished in brown, textured Vinyl, with 6 ft. connecting cord. So durable, these mats will actually withstand hammer blows without damage.  
 Model SW-28—16" x 23" mat for normal use on floors, under rugs, etc. Lots of 6, ea. 7.50, Singly ea. 8.33  
 Model SW-29—6" x 24" mat specially designed for use on stairs. Lots of 6, ea. 2.65, Singly ea. 2.94  
**Tapewitch Strips with 4' connecting cord.**  
 SW-31 1/2 x 2' lots of 6, each 2.48. Singly each 2.75  
 SW-32 1/2 x 5' lots of 6, each 4.28. Singly each 4.75

### Accessories

EL-52 10 volt transformer for bell or chime. Net 1.70  
 EL-53 Single note chime. Net 1.95



## VINYL PLASTIC ELECTRICAL TAPE 54¢

- GUARANTEED FIRST GRADE ea.
- 60 FT. x 3/4" IN LOTS OF 24
- .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: Firms tight, smooth protective wrap. Shpg. wt., 6 oz.  
 HD-216—Plastic electrical tape: 1.5 Net each 70¢ 6-23  
 Net each 60¢ 24-over Net each 54¢



## Colored Vinyl Plastic Tape Kit

- 10 Rolls—10 Colors • 1 Million Meg-ohms insulation resistance • 33 ft. x 3/4"

10 Rolls of Polyvinyl chloride tape colored Red, White, Sky Blue, Blue, Grey, Yellow, Brown, Green, Black and Orange. Dielectric strength 10,900V. Insulation resistance 1 million megohms. Resists acids, tars and oils. 15 lbs. tensile strength. .008 in. thick. 33" per roll. Shpg. Wt., 1 1/2 lbs.  
 HD-478 ..... Net Each 3.29



## "TAPE-ALL" PLASTIC INSULATING KIT

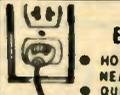
Finest Quality high conforming plastic tape. Perfect for Color Coding Cables, making splices, identifying tools. Six colored rolls in each kit packed in a reusable plastic container. Colors are Red, Yellow, Blue, Green, Black and transparent. 7" x 1/2". Shpg. Wt., 1/4 lb.  
 HD-477 ..... Net each .59



## PERMA-PLUG

- 4 SAFE OUTLETS IN ONE • EASILY INSTALLED • U.L. APPROVED

Eliminates bothersome "plug switching". Now you can plug in up to four appliances in the space which formerly accommodated only two. Perma-Plug is quickly and easily installed. Fits any standard 125 VAC double outlet. 15 AMP capacity. Shpg. Wt., 6 oz.  
 EL-72 Brown ..... Net each .53  
 EL-73 White ..... Net each .60



## NEW! "CORD-MOUNT" ELECTRICAL SAFETY DEVICE

- HOLDS ELECTRIC CORDS SAFELY AND NEATLY OUT OF THE WAY
- QUICK, EASY INSTALLATION

Here is a safety device which is worth many times its price. Not only does it eliminate the wire tripping hazard and protect children from dangerous electric shock, but also does away forever with the "Spaghetti-dike" tangled cord mess. Now your appliances wiring can have a neat, compact orderly appearance. Can be installed in a few minutes.  
 EL-74 Brown ..... Net each .79  
 EL-75 White ..... Net each .79

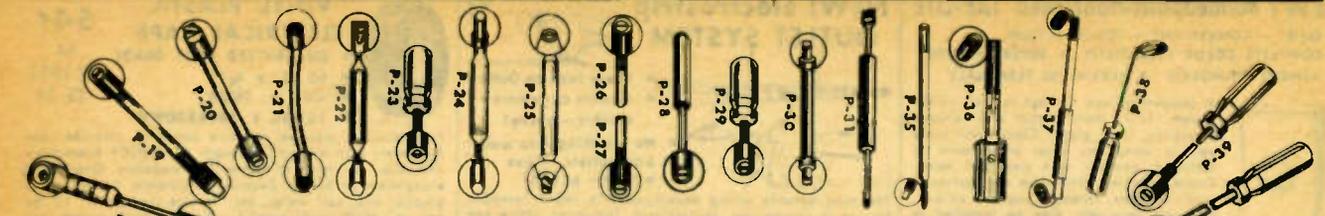
# ELECTRICAL ACCESSORIES



1. SINGLE SURFACE OUTLET. Brown bakelite. Wood mounting screw. EL-19—Pa., .99 ..... 10 for \$4
2. BAKELITE PLUG. Sturdy prongs. EL-16—Pa., .05 ..... 10 for .45
3. FRICTION TAPE—3/4" width. EL-35 1 lbz. each ..... 22  
 EL-36 8 lbz. each ..... 39
4. NITE LAMP plugs into any outlet. Swivel Shade Complete with C7 bulb, on off switch. U.L. approved. EL-44—In lots of 3 each 40¢  
 Singly each 45¢
5. CURRENT TAP. Bakelite. Straight socket with 2 plug outlets. EL-22 Shpg. wt., 4 oz. .... 15
6. DUPLEX FLUSH RECEPTACLE. EL-23—Pa., .13 ..... 10 for 1.17
7. 3-WAY SURFACE OUTLET. Brown. 1" in. Type terminals, wood screw. EL-24—Pa., .14 ..... 10 for 1.26
8. CUBE TAP. Brown. 3 outlets. Shipping weight 2 ounces. EL-25—Pa., .13 ..... 10 for 1.17
9. HANDLE PLUG. Of soft rubber. Shipping weight 1 ounce. EL-26—Pa., .07 ..... 10 for .63
10. MIDGET CORD CONNECTOR. Flat two-piece. Underwriters listed. EL-27—Pa., .25 ..... 10 for 2.25
11. INSULATED STAPLES. No. 3, 1 1/2" x 1/2". EL-14—Package of 100 ..... 18  
 10 packages for ..... 1.60
12. RUBBER CUBE TAP. 3 outlets. Unbreakable one piece with rubber construction. EL-28 ..... Net .23 ea.
13. CUBE TAP EXTENSION. Trio tap. 9 ft. rubber cord. AC plug. Brown. EL-29—Brown. Pa., .41 ..... 10 for 3.69
14. AC LINE CORD. 6 ft. AC line cords, fine quality zip cord with sturdy plug. EL-13 ..... 10 for 1.19
15. CANOPY SWITCH. Rotary type, composition top. Very shallow. Wire leads rated 3 amp. at 125 v. SW-18 Each ..... 18 ..... 10 for 1.62
16. JIFFY PUSH PULL PLUG. Attaches in 5 seconds without any tools. Spring prongs. Black. EL-57 each 10¢ ..... 10 for 89¢
17. RUBBER CORD CONNECTOR. With built handle for extension cords. 1 1/4" diameter. 15A. at 125V. EL-33 ..... Net .27 ea.

WHEN ORDERING ALWAYS USE LAFAYETTE STOCK NUMBERS IF SHOWN

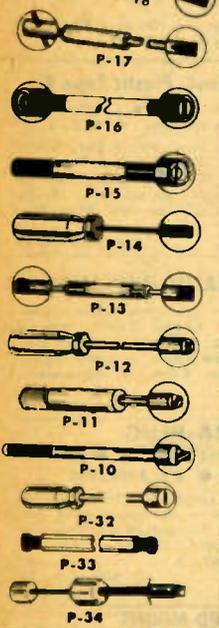
# LAFAYETTE BARGAINS FOR SERVICEMEN



## • G.C. T.V. ALIGNMENT AND SERVICE TOOLS •

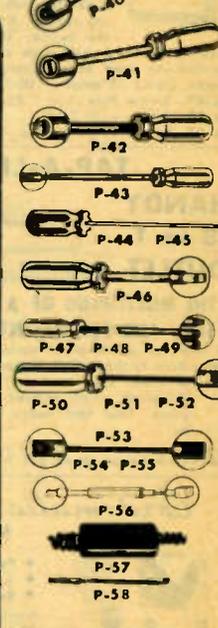
General Cement makes a complete line of screwdrivers, wrenches, and alignment tools available to the serviceman. A suitable tool is available for any servicing problem which might arise. All tools are sturdily constructed of the finest quality materials and are engineered to give long dependable service.

Average Shipping Weight of all below: 8 Ozs.



LAF NO.	DESCRIPTION	NET
P-10	Alignment Screwdriver—General Purpose	\$ .32
P-11	Short Alignment Screwdriver	.35
P-12	Aligning Wrench with 1/8" Socket	.53
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	.38
P-16	Television Core Aligner (Motorola, Stewart-Warner, etc.)	.56
P-17	TV Long-Reach Aligner (Admiral, Zenith, RCA, etc.)	.74
P-18	TV Zenith Universal Aligner	.50
P-19	TV All-Purpose Duplex Aligner	.50
P-20	TV "Shorty" All-Purpose Duplex Aligner	.50
P-21	TV Tuning Wand	.35
P-22	Zenith TV Wrench & Aligner	.35
P-23	"Shorty" TV Alignment Screwdriver	.47
P-24	Zenith Nylon Hex Wrench	.44
P-25	Alignment Tool for G-E, etc.	.62
P-26	TV 2-in-1 3" Long-Reach Duplex Aligner No. 4 and No. 6 Studs	.76
P-27	TV 2-in-1 7" Duplex Aligner No. 4 and No. 6 Studs	.65
P-28	Zenith-RCA Aligning Tool	.47
P-29	Zenith-RCA Aligning Tool with handle	.47
P-30	Slug Tuner Adjusting Tool	.65
P-31	Soldering Aid Tool	.97
P-32	TV & Auto Radio wrench removes slotted screws from Delco & GE sets	1.06
P-33	Dual nut starter fits 1/4" x 5/16" hex nut	1.50
P-34	Concentric Color TV tool	1.23

LAF NO.	DESCRIPTION	NET
P-35	Westinghouse Tool	\$ .56
P-36	Shorty Short Tool	.47
P-37	New RCA Alignment Tool	.91
P-38	Inspection Mirror	.38
P-39	TV I.F. Oscillator Tool (RCA, G-E, Philco, Admiral, etc.)	1.09
P-40	TV All-Purpose Aligner, recessed blade	.68
P-41	TV Core Aligner	.62
P-42	Universal Screwdriver Aligner	1.12
P-43	Nylon TV Long-Reach Aligner	.76
P-44	Non-Magnetic Beryllium Aligning Screwdriver 1/2"	1.65
P-45	Non-Magnetic Beryllium Aligning Screwdriver 3/4"	.53
P-46	K-Tran Television Aligner	.91
P-47	Long Arm TV Tool (18" screwdriver blade)	.91
P-48	Long Arm TV Tool (18" recessed blade)	.91
P-49	Long Arm TV Tool (18" Stud Core Aligner)	.91
P-50	X-57 Slim Line Aligning Screwdriver 7"	.89
P-51	X-57 Slim Line Aligning Screwdriver 12"	.91
P-52	X-57 Slim Line Aligning Screwdriver 16"	1.20
P-53	TV Long-Reach Insulated Screwdriver (1 1/2" blade)	.38
P-54	TV 12" Long-Reach Insulated Screwdriver (1 1/2" blade)	.44
P-55	TV 16" Long-Reach Insulated Screwdriver (1 1/2" blade)	.56
P-56	Transistor I.F. core alignment tool	.62
P-57	Tinnerman nut remover	.91
P-58	Dial Cable tool	.53



### G.C.—TIPON TOUCH UPS

Gives Scratches the Brush-off! Repairs scratches on T.V. Cabinets, Radios, appliances, furniture, etc. A professional touch up job in a matter of minutes. Brush won't harden, tube contents never dry out. Shipping weight, 3 oz.

STOCK #	TOUCH UP COLOR	NET
P-59	Walnut Furniture	.77
P-60	Mahogany Furniture	.77
P-61	Blonde Furniture	.77
P-62	Gold All Purpose	.77
P-63	Appliance White	.77
P-64	Black All Purpose	.77

### G.C. TRANSISTOR SILICONE COMPOUND

1.47

Essential for preventing overheating of transistors. Conducts heat from transistor to chassis. Apply to chassis and transistor whenever transistor replacements are made. Shpg. wt., 10 oz.

P-67 ..... Net 1.47

### G.C. ILLUMINATED MIRROR

1.97

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 1.97

### G.C. TV ALIGNMENT TOOL KIT

1.91

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. Shpg. wt., 1 lb.

P-75 ..... Net 1.91

### G.C. RADIO PHONO CHASSIS REPAIR CRADLE

4.85

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.

P-65 ..... Net 4.85

### G.C. CONTROL GUN KIT

4.41

Cleans and lubricates noisy volume controls. All aluminum construction—will not rust. Kit includes No. 9280 Gun and one ea. No. 9282 Adapter for extra long shanks, 9281 auto control adapter for 7/16-28 thread, and 9283 auto-adapter for 7/16-28 thread. Shpg. wt., 6 oz.

P-68 ..... Net 4.41

### G.C. FURNITURE KIT

1.74

Famous G.C. Creme-O-Wax furniture polish for all wood finishes. Also Walnut, Light Wood and Mahogany Scratch Silks and a free bottle of Kleer Lens glass cleaner. Shpg. wt., 2 lbs.

P-79 ..... Net 1.74

### GENERAL CEMENT TELL-A-TURN ALIGNMENT TOOLS

1.97

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.

P-76 ..... Tell-a-Turn Tool ..... Net .97

An alignment screw driver with standard metal tip of one end. The other end has very thin 7/64" metal blade for small can openings.

P-77 ..... Tell-a-Turn Tool ..... Net .97

A double-ended Hex aligner that turns both top and bottom slugs. One end has .100" hex, other is .125" hex.

P-78 ..... Tell-a-Turn Tool ..... Net .97

### G-C TUBE AND PARTS EXTRACTOR

.97

Handy prong tool for extracting tubes and picking up parts. Rubber cushions on prongs. Shpg. wt., 8 oz.

P-66 ..... Tube Extractor ..... Net .97

### G.C. FLEX-SOL SPRAY CAN EXTENSION

.87

Adapts spray cans to any use—pulls the spray where you want it. Now you can reach and clean controls and tuners without removing them from the chassis. Won't short. Universal nozzle design fits All spray cans. Shpg. wt., 1 lb.

P-69 ..... Net .87

### G.C. SERVICE TWEEZERS

2.23

Made of polished nickel-plated spring steel. Handy in shop or laboratory for starting nuts and screws, holding wires, clamping cemented items, installing diol cards, etc. Shpg. wt., 4 oz.

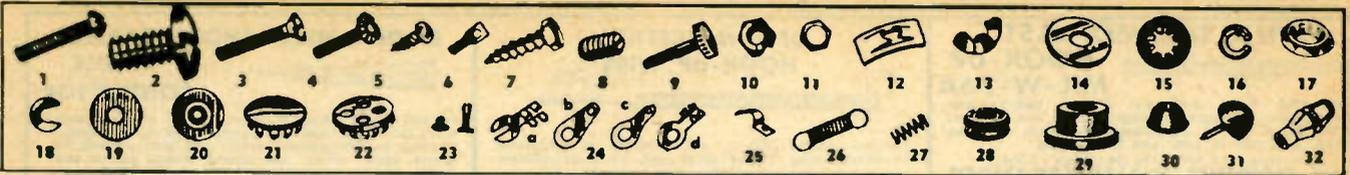
P-71 — Self-Closing Type, 6 1/2" long, with blunt points ..... .76

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

# General Cement - Radio & T.V. Hardware and Chemicals



**FIG. 1 - ROUND HEAD SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
4-36 x 1/4"	P-80	40	P-170	.48
4-36 x 1/2"	P-81	35	P-82	.91
4-36 x 3/4"	P-83	35	P-84	.91
6-32 x 1/4"	P-85	40	P-86	.52
6-32 x 1/2"	P-87	30	P-88	.81
6-32 x 3/4"	P-89	30	P-90	.72
8-32 x 1/4"	P-91	30	P-92	.81
8-32 x 1/2"	P-93	30	P-94	.98
8-32 x 3/4"	P-95	30	P-96	.98
10-32 x 1/4"	P-97	25	P-98	.73
10-32 x 1/2"	P-99	25	P-100	.79
10-32 x 3/4"	P-101	25	P-102	.91
12-32 x 1/4"	P-103	20	P-104	1.04
10-32 x 1/2"	P-105	20	P-106	.93
10-32 x 3/4"	P-107	20	P-108	1.10
10-32 x 1"	P-109	17	P-112	1.22

**FIG. 2 - BINDING HEAD SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 3-36 x 1/4"	P-111	35	P-113	.52
6-32 x 1/4"	P-112	35	P-118	.89
7-32 x 3/8"	P-116	30	P-117	1.53

**FIG. 3 - OVAL HEAD BACK SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
6-32 x 3/8"	P-118	30	P-119	.72
8-32 x 3/8"	P-120	25	P-121	.91
10-32 x 3/8"	P-122	20	P-123	1.10

**FIG. 4 - ORNAMENTAL HEAD SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 6-32 x 3/8"	P-124	20	P-126	1.05
6-32 x 1/2"	P-125	25	P-128	1.12
6-32 x 3/4"	P-127	20	P-130	1.37

**FIG. 5 - WOOD SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 6 x 1 1/2"	P-131	25	P-132	1.11
6 x 2"	---	---	P-133	1.25
6 x 2 1/2"	---	---	P-134	1.48

**FIG. 6 - SPADE BOLT #6 HOLE**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 6-32 x 1/4"	P-135	25	P-136	1.97

**FIG. 7 - SELF TAPPING SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 6 x 1 1/2"	P-137	25	P-138	.89
6 x 2"	P-138	35	P-141	.93
6 x 2 1/2"	P-140	30	P-142	1.05
8 x 1 1/2"	P-144	20	P-145	1.22
10 x 1 1/2"	P-146	18	P-147	1.71

**FIG. 8 - KNUR SET SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-148	18	---	---	---

**FIG. 7 - PHONO NEEDLE SET SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 2-56 x 9/10"	P-149	12	---	---
1-72 x 29/32"	P-150	12	P-151	.65
	P-152	5	P-153	1.63

**FIG. 9 - PHONO CARTRIDGE MTC. SCREWS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-154	60	---	---	---

**FIG. 10 - HEX NUTS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 4-36 x 1/4"	P-155	30	---	---
6-32 x 1/4"	P-156	30	P-157	.88
6-32 x 1/2"	P-158	30	P-159	.88
6-32 x 3/8"	P-160	30	P-161	.72
8-32 x 1/4"	P-162	30	P-163	.72
8-32 x 1/2"	P-164	30	P-165	.72
10-32 x 3/8"	P-166	30	P-167	.84

**FIG. 11 - MOUNTING NUTS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 1/2" Cont.	P-168	12	---	---
Toggle Sw.	P-171	10	---	---
Ring Nut	P-172	8	---	---

**FIG. 12 - SPED NUT**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-173	30	---	---	---

**FIG. 12 - ACORN NUTS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-174	10	---	---	---

**FIG. 13 - WING NUTS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D 6-32	P-175	10	P-176	3.24
8-32	P-177	10	P-178	2.60
10-32	P-178	8	P-180	2.60

**FIG. 14 - METAL WASHERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D NO. 8	P-181	80	P-183	.27
NO. 10	P-182	80	P-184	.26

**FIG. 15 - LOCK WASHERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
NO. 8	P-186	50	P-187	.45
NO. 8	P-188	50	P-189	.49
NO. 10	P-190	45	P-191	.49

**FIG. 16 - SPLIT LOCK WASHERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
NO. 8	---	---	P-192	.45
NO. 10	---	---	P-193	.63

**FIG. 17 - CUP WASHERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
NO. 6	P-196	45	P-196	.39
NO. 8	P-197	45	P-198	.41
NO. 10	P-199	35	P-200	.59

**FIG. 18 - C WASHERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-201	25	---	---	---

**FIG. 19 - FLAT FIBRE WASHERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-202	35	---	---	---

**FIG. 20 - EXTENDED FIBRE WASHERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-203	30	---	---	---
P-204	20	---	P-205	.97

**FIG. 21 - HOLE PLUGS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
1/4"	P-206	8	P-207	2.10
3/8"	P-208	8	P-209	2.80
1/2"	P-210	6	P-211	2.80
3/4"	P-212	5	P-213	3.33
1"	P-214	5	P-215	4.65

**FIG. 22 - VENT HOLE PLUG**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-216	1	---	P-217	7.94

**FIG. 23 - SNAP-IN TRIMOUNTS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-204	20	---	---	---

**FIG. 24 - SOLDER LUGS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
NO. 8A	P-218	25	P-219	1.17
NO. 8B	P-220	30	P-221	.85
NO. 8C	P-222	25	P-223	1.81
NO. 8D	P-224	25	P-225	1.12
NO. 10D	P-226	25	P-227	1.48

**FIG. 25 - CABLE CLAMPS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
1/4-3/16"	P-228	25	P-229	.94
3/16-1/4"	P-230	20	P-231	1.09
5/16-1/2"	P-232	15	P-233	1.24

**FIG. 26 - TENSION SPRINGS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D LARGE	P-234	10	---	---
ASST'D SMALL	P-235	10	---	---

**FIG. 27 - COMPRESSION SPRINGS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D SMALL	P-236	15	---	---
ASST'D LARGE	P-237	15	---	---

**FIG. 28 - RUBBER GLOMETS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
1/4"	P-238	16	P-239	1.10
3/16"	P-240	14	P-241	1.23
1/2"	P-242	12	P-243	1.46
3/4"	P-244	10	P-245	1.66
1"	P-246	8	P-247	2.63

**FIG. 29 - RUBBER CHASSIS MOUNTS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-248	12	---	---	---

**FIG. 30 - RUBBER FEET**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
ASST'D P-249	8	---	P-251	.89
3/8 O.D.	P-250	8	P-253	2.18
1/2 O.D.	P-252	8	---	---

**FIG. 31 - RUBBER TACK BUMPERS**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
1/2 O.D.	P-254	10	P-255	1.61

**FIG. 32 - CORD STRAIN RELIEF**

SIZE	BOX STOCK #	.35 QTY.	PKGS. OF 100 STOCK #	NET
FOR POST	P-256	5	P-257	5.16

## POPULAR G.C. CHEMICALS

**De-Ox-Id** Cleans and prevents oxidation on sensitive circuit contacts. Used in radios, switchboards, relays, etc. P-263 Shpg. wt., 4 oz. Net .84

**Cement Thinner** Thins radio and service cement. Loosens cement on speaker covers, etc. P-264 2 oz. Shpg. wt., 5 oz. Net .44

P-265 4 oz. Shpg. wt., 8 oz. Net .65

P-266 8 oz. Shpg. wt., 1 lb. Net .82

**Lacquer Thinner** Thins all types of lacquer, enamel, telephone black and gray, etc. P-267 2 oz. Shpg. wt., 8 oz. Net .44

P-268 4 oz. Shpg. wt., 1 lb. Net .68

**Service Cement** For repairing speakers and general radio work. Vibration-proof, water-proof-fast drying. P-269 2 oz. Shpg. wt., 5 oz. Net .44

P-270 4 oz. Shpg. wt., 8 oz. Net .65

P-271 8 oz. Shpg. wt., 1 lb. Net 1.12

**Service Solvent** Dissolves cement on speaker cones, voice coils, etc. Also thins radio and plastic cement. P-272 2 oz. Shpg. wt., 5 oz. Net .44

P-273 4 oz. Shpg. wt., 8 oz. Net .71

P-274 8 oz. Shpg. wt., 1 lb. Net .79

**Bakelite Cement** The only practical cement for bakelite. Cements bakelite to bakelite and other materials. P-275 2 oz. Shpg. wt., 5 oz. Net .44

**Plastic Cement** Works on all types of plastic. Fast drying-waterproof-atroog bond. P-276 2 oz. Shpg. wt., 5 oz. Net .44

**Rubber Cement** Fast drying-waterproof. Cements rubber to metal, wood, glass, etc. P-277 2 oz. Shpg. wt., 5 oz. Net .44

P-278 4 oz. Shpg. wt., 8 oz. Net .71

**Cabinet Glue** Well known wood glue for cabinets, furniture, chairs, etc. P-280 4 oz. Shpg. wt., 1 lb. Net .71

**Pil-O-Bond Cement** Sticks anything to anything. Dries rapidly-waterproof-very high strength. P-281 2 oz. Shpg. wt., 5 oz. Net .44

**Red-X Corona Dope** Prevents corona shorts in Hi-Voltage circuits. Flexible-fast drying. P-282 2 oz. Shpg. wt., 5 oz. Net .71

**Q Dope** P-283 Shpg. wt., 8 oz. Net .44

**Magic Scratch Remover** Dark shade. Most useful polish. Covers scratches-renews appearance. P-284 2 oz. Shpg. wt., 5 oz. Net .41

P-285 1/2 pt. Shpg. wt., 1 lb. Net .59

**Magic Scratch Remover** Light shade. Removes scratches on blonde-maple-and all light woods. P-286 2 oz. Shpg. wt., 5 oz. Net .41

P-287 1/2 pt. Shpg. wt., 1 lb. Net .59

**Cromo-O-Wax Polish** For TV and radio cabinets. Dries to a hand-glassy-durable finish. P-288 1/2 pt. Shpg. wt., 1 lb. Net .59

**Electronic Contact Cleaner** New red cleaner-made with Lube-Rex. Fast drying-universal contact cleaner. P-289 2 oz. Shpg. wt., 5 oz. Net .53

**Scratch Stick** Handy stick for servicemen. Removes scratches in a jiffy. Contains filler and polish. In handy case. P-290 Shpg. wt., 4 oz. Net .47

**Lube-Rex** Moisture repellent and rust preventing. Use on controls, phono, etc. P-291 2 oz. Shpg. wt., 5 oz. Net .44

**Liquid Non-Slip Penetrating** Fast drying. Prolongs life of cables and belts. Prevents slippage. P-292 2 oz. Shpg. wt., 5 oz. Net .47

**Phono-Lubricant** Special lubricant for phonos. Will not thin out. Clings to metal surface. P-293 2 oz. tube Shpg. wt., 5 oz. Net .53

**Dial and Appliance Oil** Free running oil for dials, controls, small motors, etc. In handy spout can. P-294 4 oz. Shpg. wt., 8 oz. Net .53

**Phono Non-Slip** Prevents slippage on turntables, changers, tape recorders, etc. Shpg. wt., 1 lb. Net .88

P-295

**SCRATCH REMOVER KIT**  
1.62

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 1.62

**DELUXE CABINET REPAIR KIT**  
5.73

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. 5.73

**RETMA COLOR CODING KIT**  
1.44

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

**LUMINOUS LIGHT COAT KIT**  
3.17

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 Koot and brushes. Shpg. wt., 2 lbs. Net 3.17

**CONTACT CLEANER HYPODERMIC ELECTRONIC NEEDLE INJECTOR**  
.47

Here's a handy applicator made on the hypodermic principle to inject cleaners and oils into shafts, controls and tight places. It's a tool every service man should have to save time. Applicator is supplied with a 2-oz. bottle so you can use G-C Cleaner with this handy applicator. P-262 Shpg. wt., 5 oz. Net .47

**NEW G-C STICKLEBABY**

Handy tool for the hobbyist engineer or serviceman. Combination drill, saw, and rasp. Saws rapidly, cuts straight lines, circles, squares, etc. For use on wood, plaster, plywood, plastic and masonite. Shpg. wt., 10 oz. Net .96

FOR FASTEST SERVICE USE LAFAYETTE'S CONVENIENT ORDER BLANK Page 175

# WIRE - Belden - Alpha - Consolidated - WIRE

## ALPHA THERMOPLASTIC HOOK-UP MIL-W-76A

Supersedes SRIR (JAN-76) 80° C. hook-up wire. Thermoplastic insulation is impervious to oils, moisture, acids, flame, 1000 V. insulation rating. Nom. 0.16 insulation. Sold only in 1000' and 100' lengths.

Av. shpg. wt., 100', 1 1/4 lbs.; 1000', 7 lbs.

### MW (MEDIUM WALL) STRANDED

Alpha No.	MIL-W-76A	Cond. Size	Stand Pkg.	Stk Colors	NET*
1550	MW-C 24(7)U	24	1000'	1 thru 22	6.90
1550	MW-C 24(7)U	24	100'	1 thru 22	.99
1551	MW-C 22(7)U	22	1000'	1 thru 30	7.95
1551	MW-C 22(7)U	22	100'	1 thru 30	1.05
1553	MW-C 20(10)U	20	1000'	1 thru 30	10.45
1553	MW-C 20(10)U	20	100'	1 thru 30	1.34
1555	MW-C 18(16)U	18	1000'	1 thru 22	14.75
1555	MW-C 18(16)U	18	100'	1 thru 22	1.78
1557	MW-C 16(26)U	16	1000'	1 thru 22	21.85
1557	MW-C 16(26)U	16	100'	1 thru 22	2.49
1558	MW-C 14(41)U	14	1000'	1 thru 22	32.92
1558	MW-C 14(41)U	14	100'	1 thru 22	3.58
1560	MW-C 12(85)U	12	1000'	1 thru 22	55.08
1560	MW-C 12(85)U	12	100'	1 thru 22	5.89

### MW AS ABOVE EXCEPT SOLID

1561	MW-C 22(1)U	22	1000'	1 thru 22	6.38
1561	MW-C 22(1)U	22	100'	1 thru 22	.93
1563	MW-C 20(1)U	20	1000'	1 thru 22	8.63
1563	MW-C 20(1)U	20	100'	1 thru 22	1.12
1565	MW-C 18(1)U	18	1000'	1 thru 10	12.35
1565	MW-C 18(1)U	18	100'	1 thru 10	1.53

\*Net prices shown above are for solid colors 1-13. For tracer colors 14-30 add 1.13 to 1000 ft. price and .70 to 100 ft. price.

### STOCK COLORS

(1) white	(18) white/green
(2) black	(17) white/yellow
(3) red	(18) white/blue
(4) green	(19) white/brown
(5) yellow	(20) white/orange
(6) light blue	(21) white/gray
(7) brown	(22) white/violet
(8) orange	(23) white/black/red
(9) gray (slate)	(24) white/black/green
(10) violet (purple)	(25) white/black/yellow
(11) tan	(26) white/black/blue
(12) pink	(27) white/black/brown
(13) dark blue	(28) white/black/orange
(14) white/black	(29) white/black/gray
(15) white/red	(30) white/black/violet

### 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, tan. Please specify color. Shpg. wt., 2 lbs. per 100 ft.

Alpha No.	1944	25 ft.	50 ft.	100 ft.
		Net	Net	Net
		.55	.99	1.35

### 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.

	10 ft.	25 ft.	100 ft.
	Net	Net	Net
Belden 8899	.41	.73	2.25
Belden 8898	.56	1.15	3.38

### 2 COND. SHIELDED PHONO CABLE

For wiring phono arm from cartridge to amplifier. 2 cond., no. 24 stranded, tinned copper. Coded black and red, shield overall. Shpg. wt., 4 ozs.

Alpha 1202 25 ft. Net 1.20

### STEREO PHONO PICKUP ARM WIRE

Stereo wire for all stereo cartridges (ceramic, magnetic, crystal) and tone arms. Extremely flexible light-weight, 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', 5 ozs.

Alpha No.	Description	NET PRICE			
		00	10'	25'	50'
1100	2 cond.	.047"	.46	.87	1.27
1101	3 cond.	.053"	.56	1.19	2.20
1102	4 cond.	.061"	.71	1.53	2.97
1103	2 cond. shield o/a	.053"	.66	1.43	2.76
1106	3 cond. shield o/a	.061"	.74	1.62	3.18
1107	4 cond. shield o/a	.068"	.84	1.98	3.68
1110	2 cond. individually shielded	.063"	.78	1.73	3.36

### BELDEN ACETATE HOOK-UP WIRE



Excellent quality hook-up wire 1000 V. 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 megohms 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. Av. shpg. wt., 12 oz. per 100 ft.

Belden Type	Conductor No. and Type	O.D.	25 ft. Net	100 ft. Net	1000 ft. Net
8941	20-solid	.072"	.63	1.62	12.00
8941	20-stranded	.072"	.63	1.65	12.75
8945	18-solid	.080"	.60	1.73	14.20
8947	18-stranded	.087"	.63	1.88	15.90
8942	16-stranded	.095"	—	2.20	18.75
8938	14-stranded	.115"	—	2.80	—

### BELDEN SHIELDED INTERCOM CABLES

Quality shielded cable for minimum interference pickup. Av. shpg. wt., 100' 2 1/4 lb.

### BELDEN CONDUCTOR

TYPE	QUANT.	AWG.	TYPE	O.D.	Net	Net	Net
8735	3	22	Stranded	0.195"	.85	2.25	4.21
8738	2	20	Stranded	0.165"	—	—	2.84

### BELDEN PAIRED VINYL-COVERED CABLE



Color-coded vinyl insulated cables for telephone and intercom wiring. Size 22 solid tinned copper conductors are cabled in twisted pairs. Chlorine vinyl outer covering.

Mfr's Type	Conductors	O.D.	Shpg. Wt. 100 ft.	PER FOOT	100' or more PER 100'
8740	2	.131"	1 1/2 lbs.	.025	1.76
8741	4	.185"	2 1/2 lbs.	.035	2.89
8742	6	.220"	3 1/2 lbs.	.05	3.82
8743	12	.305"	4 1/2 lbs.	.07	5.88
8744	18	.320"	6 1/2 lbs.	.10	7.79

### PUSH BACK WIRE



No stripping necessary. Just push back double cotton covered paraffin damp-proof 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.

### POT AND POSJ AC ZIP CORD



U.I. 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.

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

### INTERCOM WIRE



2 conductor Twisted. Flexible, tinned copper with plastic insulation. Shpg. wt., 2 lbs. per 100 ft.

WR-12 100 ft. coil	Net 1.19
WR-13 250 ft. spool	Net 2.50
3 conductor twisted: Shpg. wt., 3 lbs. per 100 ft.	
WR-14 100 ft. coil	Net 1.50
WR-15 250 ft. spool	Net 3.50
3 conductor twisted with plastic sheath: Shpg. wt., 3 lbs. per 100 ft.	
WR-16 100 ft. coil	Net 1.95
WR-17 250 ft. spool	Net 4.50

### LITZ WIRE

Copper Celenamel insulated nylon wrap. 5 x 44 stranded O.D.-008. For rewinding RF coils, antenna primaries, etc. 100' spool. Shpg. wt., 4 ozs.

Belden 8817 100' spool Net .29

### PHONO PICKUP ARM CABLE

Flexible, stranded, twisted pair. Coded red and black. Small dial meter. Shpg. wt., 4 oz.

Belden 8430 25 ft. Net .50

### BELDEN MICROPHONE CABLES SINGLE CONDUCTOR



Durable single conductor cables. No. 25 tinned stranded wire; 3x33 copper and 4x33 copper-coated steel. Concentric coverings include: cellulose acetate yarn braid, polyethylene, tinned copper shield, and chrome colored plastic outer jacket. \*Rubber insulation and silver-gray rubber jacket. Available only in lengths listed below.

Belden Type	O.D.	Wt. 100 ft.	15 ft. Net	25 ft. Net	50 ft. Net	100 ft. Net
8401	.200"	3 lbs.	.85	1.10	2.30	4.21
8410	.245"	4 lbs.	1.32	2.06	3.82	7.20
8411	.144"	2 1/2 lbs.	.70	.99	1.71	3.14

### TWO-CONDUCTOR CABLE

Belden type 8428 two conductor cable is No. 18 stranded (41x34) cotton wrap, with silver gray rubber jacket. Type 8412 is No. 20 stranded (26x34) cotton wrap rubber insulation, silver gray rubber jacket. No. 8422 is No. 22 stranded (16x34) tinned copper with polyethylene insulation and chrome plastic outer jacket. Available only in lengths listed below.

Belden Type	O.D.	Wt. 100 ft.	15 ft. Net	25 ft. Net	50 ft. Net	100 ft. Net
8428	.295"	1 lbs.	1.71	2.79	5.29	10.29
8412	.245"	4 lbs.	1.42	2.30	4.21	8.08
8422	.201"	4 lbs.	1.08	1.67	3.09	5.59

### 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.

Belden Type 8431 15 ft. coil.....EACH .65  
Belden Type 8431 25 ft. coil.....EACH .99  
Belden Type 8431 100' coil.....EACH 3.09

### WEATHERPROOF EXTENSION SPEAKER CABLE

Belden Type 8205. Unshielded 2-conductor cable for extension speaker installations. Intercom, etc. Will withstand severe weather conditions. No. 22 stranded (7x30) rubber insulation, covered with black cotton braid. Shpg. wt., 100 ft., 4 lbs.

Belden Type 8205 25 ft. coil.....EACH .81  
Belden Type 8205 160 ft. coil.....EACH 2.45

### BELDEN VINYL COVERED CABLE

For intercom, telephone and speaker wiring, color coded vinyl plastic insulation. Conductors are tinned copper stranded wire. All conductors are No. 22 except No. 18.

Mfr's Type	Conductors	O.D.	Shpg. Wt. 100 ft.	PER FOOT	100' or more PER 100'
8443	2	.148"	1 1/2 lbs.	.025	2.45
8444	4	.164"	2 1/2 lbs.	.04	2.58
8445	6	.176"	3 1/2 lbs.	.046	3.26
8446	8	.188"	4 1/2 lbs.	.07	5.88
8447	12	.236"	4 1/2 lbs.	.073	5.93
8448	18	.241"	6 1/2 lbs.	.074	6.04
8449	24	.251"	8 1/2 lbs.	.077	6.17

### MAGNET WIRE

Finest quality. Available in plain enamel or heavy FORMVAR insulation.

B&S SIZE	FT. LB.	PLAIN ENAMEL		FORMVAR	
		% LB. SPOOL NET	1/2 LB. SPOOL NET	% LB. SPOOL NET	1/2 LB. SPOOL NET
16	125	WR-70	.38	WR-71	.67
18	202	WR-72	.38	WR-73	.67
20	319	WR-74	.38	WR-75	.67
22	506	WR-76	.40	WR-77	.71
24	804	WR-78	.42	WR-79	.73
26	1280	WR-80	.44	WR-81	.78
28	2040	WR-82	.46	WR-83	.82
30	3220	WR-84	.50	WR-85	.91
32	5100	WR-86	.52	WR-87	.93
34	8080	WR-88	.55	WR-89	.99
36	12,800	WR-90	.67	WR-91	1.19
38	20,300	WR-92	.85	WR-93	1.62

### HEAVY FORMVAR IN 1 LB. SPOOLS

STOCK NO.	B&S SIZE	FEET	NET
WR-96	14	78	1.22
WR-97	16	124	1.23
WR-98	18	198	1.26
WR-99	20	313	1.32
WR-100	22	501	1.38
WR-101	24	798	1.46
WR-102	26	1200	1.56
WR-103	28	1980	1.71
WR-104	30	3200	1.93
WR-105	32	3900	1.97
WR-106	34	7950	2.28
WR-107	36	12,800	2.59
WR-108	38	20,900	3.20
WR-109	40	31,700	4.78

# TELEVISION AND INDUSTRIAL WIRE



## LOW LOSS COAXIAL CABLE

For RF applications. Meets all rigid military and commercial specifications. Impervious to weather, acids, alkalis, oil and gasoline.

Amphenol No.	RG Type	Imp. Ohms	MMF Per Ft.	O.O.	Net Per 100'			
					Shpg. Wt. per 100'	1-99	100-499	500-999
21-001	5/U	52.5	28.5	.332"	9	.143	.131	.118
21-003	7/U	97	12.5	.370"	8 1/2	.134	.123	.111
21-004	8/U	52	29.5	.405"	12	.132	.121	—
21-290	8A/U	52	29.5	.405"	12	.159	.145	—
21-005	9/U	52	30	.420"	12 1/2	.314	.286	.258
21-231	9A/U	51	30	.420"	12 1/2	.383	.351	.316
21-332	98/U	51	30	.420"	12 1/2	.407	.372	.335
21-007	11/U	75	20.5	.405"	12	.126	.116	—
21-296	11A/U	75	20.5	.405"	12	.144	.131	—
21-010	14/U	52	29.5	.545"	21	.330	.302	.272
21-013	17/U	52	29.5	.870"	47	.624	.571	.514
21-298	17A/U	52	29.5	.870"	47	.651	.596	.537
21-015	19/U	52	29.5	1.120"	75	1.094	1.002	.902
21-017	21/U	53	29	.332"	8 1/2	.285	.261	.235
21-083	22/U	95	16	.405"	12	.170	.155	1.40
21-018	29/U	53.5	28.5	.184"	3	.065	.059	.053
21-022	54A/U	58	26.5	.250"	4 1/2	.094	.084	.078
21-023	55/U	53.5	28.5	.206"	3 1/2	.101	.092	—
21-024	58/U	53.5	28.5	.195"	3	.056	.051	—
21-199	58A/U	50	28.5	.195"	3	.057	.052	—
21-316	58C/U	50	28.5	.195"	3	.065	.059	—
21-025	59/U	73	21	.242"	4 1/2	.060	.055	—
21-291	59A/U	73	21	.242"	4 1/2	.071	.065	—
21-026	62/U	93	13.5	.242"	4 1/2	.065	.060	—
21-318	62A/U	93	13.5	.242"	4 1/2	.072	.066	—
21-027	63/U	125	10	.405"	12	.139	.127	—
21-029	71/U	93	13.5	.250"	4 1/2	.109	.099	—
21-723	71A/U	93	14.5	.245"	4 1/2	.118	.108	.097
21-440	114/U	185	6.5	.405"	12	.152	.138	—
21-441	122/U	50	29.3	.160"	2 1/2	.062	.057	.051



## RG COAXIAL CABLES

All brands with standard type numbers and meet requirements of RG cables on Qualified Products List of U.S. Government. Available only in lengths indicated.

TYPE NO.	STOCK NO.	100 FT.	STOCK NO.	500 FT.	STOCK NO.	1000 FT.	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.

## ALPHA LACING CORD AND TAPE

• LACING FOR ANY TYING JOB

Exploration of types; GE; cover with a synthetic rubber like resin for easier handling and better knot retention abilities. MW; A micro crystalline wax with a melting point of 130°F. Meets Specs MIL-T-713A. TF; a teflon resin used only on glass lacing tapes. Very high temperature exposure (up to 500°F). All types available black or white; please specify.

### NYLON ROUND LACING CORD

Alpha No.	Tensile Strength	Fin- ish	Yds.	Dia.	Shpg. Wt.	Black Net	White Net
LC-103	10 lbs.	GE	3,050	.017	11 oz.	5.25	4.50
LC-115	32 lbs.	MW	590	.030	11 oz.	5.09	4.35
LC-114	48 lbs.	MW	375	.035	11 oz.	5.06	4.32
LC-111	48 lbs.	GE	375	.035	11 oz.	5.06	4.32
LC-113	70 lbs.	MW	240	.050	11 oz.	5.04	4.30

### FLAT NYLON — DACRON — TEFLON LACING TAPE

All Nylon except \* Dacron and † Teflon-fiberglass

Alpha No.	Tensile Strength	Fin- ish	Yds.	Width	Thick- ness	Shpg. Wt.	Black Net	White Net
LC-124	30 lbs.	MW	500	1/16"	.010"	2 lbs.	5.78	5.16
LC-136	50 lbs.	MW	500	3/32"	.014"	2 lbs.	8.67	8.05
LC-137	145 lbs.	MW	200	1/4"	.014"	2 lbs.	6.20	5.95
LC-162*	50 lbs.	MW	500	3/32"	.014"	2 lbs.	8.67	8.05
LC-171†	110 lbs.	TF	250	3/32"	.020"	2 lbs.	—	13.15

## FEDERAL "SILVERLINE"



**2.25**  
per 100 feet

- Finest Quality
- Extreme Durability

Heavy duty 300 ohm lead-in. Insulated with "silver" polyethylene. This new Federal development 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. WR-23—.03 per ft. 100 ft. 2.25

## 4 CONDUCTOR ROTOR CABLE



Four flexible stranded copper conductors — tough plastic insulation. Shpg. wt., 3 lbs. per 100 ft. WR-24—per ft. .03 per 100 ft. 2.39

## SPECIAL TUBULAR AIR-SPACED TWIN LEAD



**2.50**  
per 100 ft.

- UHF-VHF
- Extreme Low Loss

300 ohm airspaced tubular lead with copperweld conductors. Shpg. wt., 3 lbs. per 100 ft. WR-46—per 100 ft. 2.50

## NEW UHF/VHF 300 OHM OPEN WIRE



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 ft.

WR-22—100 ft. 2.15  
PER 250 FT. COIL 4.85  
WR-22-550—500 ft. Spool Net 9.70



## COPPER AERIAL WIRE

Finest grade high tensile strength copper for all antenna requirements. Avg. Shpg. wt., 1 lb.

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 .65  
WR-67—100 ft. 7/26 bare Net .85  
WR-68—100 ft. 12 solid enamel Net 2.28  
WR-69—100 ft. 14 solid enamel Net 1.62

## LO-LOSS OPEN LINE



Maximum reception in all weather. Best transmission line for long runs. Molded, slip-proof polystyrene spacers on 12" centers. 0.35 db loss per 100' at 100 MC. Shpg. wt., 2 1/2 lbs. per 100'.

WR-125—100 ft. 1.90  
WR-126—250 ft. 4.50  
WR-127—500 ft. 8.59

## HEAVY DUTY 300-OHM LINE



Extra high quality. Heavier gauge wire and thicker insulation. Shpg. wt., 2 1/2 lbs. WR-26—Per ft. 2 1/2c  
Per 100 ft. 1.89

## ASSORTED SPAGHETTI



24 piece assortment. 8" lengths. Various colors and diameters. Shpg. wt. 4 ozs. MS-46 Net .27

## BROWN 300 OHM TWIN — LEAD



## 1.39 COPPER CONDUCTORS

per 100 ft. LO-LOSS POLYETHYLENE

High quality, low-loss lead-in for all TV and FM installations. Polyethylene, dielectric—standard copper leads. Shpg. wt., 2 lbs. per 100 ft.

Stock No. WR-25—100 ft. 1.39  
500 ft. 5.75  
1,000 ft. 10.95

## CLEAR 300 OHM TWIN LEAD

Same as above but clear for a better blend with the base boards.

WR-128 100' 1.64  
WR-129 500' 6.25  
WR-130 1000' 11.95

## AMPHENOL UHF-VHF TWIN LINE



(A) 214-056 300 ohm flat twin lead. Low loss 56 mil virgin polyethylene dielectric. No. 20 stranded (7x28) copper conductors. Withstands weather. Shpg. wt., 2 lbs. per 100 ft.

214-056-50 — 50 ft. Coil Net 1.26  
214-056-75 — 75 ft. Coil Net 1.73  
214-056-100—100 ft. Coil Net 2.12  
214-056—Over 100 ft. per 100 ft. 2.12

(B) 214-271 300 ohm air spaced tubular. Low loss on long leads—ideal for UHF. Shpg. wt., 3 lbs. per 100 ft.  
214-271—Minimum 100 ft. Net 3.41

## NEW!



## BELDEN PERMOHM 300 OHM LEAD IN

- ENCAPSULATED; LESS LOSS
- CONSTANT IMPEDANCE
- IMPERVIOUS TO WEATHER

The latest development in 300 OHM twin lead. 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'.

Belden 8285 per foot .07  
per 100 ft. 5.40

## BELDEN TWIN LEAD 8225

For TV and FM antennas. Low-loss polyethylene insulation. One lead tinned, one bare. Stranded No. 20 (7x28).

Shpg. Wt. 100 ft. 2 lbs.  
8225-50 — 50 ft. Coil Net 1.16  
8225-75 — 75 ft. Coil Net 1.56  
8225-100—100 ft. Coil Net 1.92  
8225—Over 100 ft.—per 100 ft. 1.92

## BELDEN 8230

"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.  
8230-50 — 50 ft. Coil Net 1.23  
8230-75 — 75 ft. Coil Net 1.70  
8230-100—100 ft. Coil Net 1.3  
8230—Over 100 ft.—per 100 ft. 2.13

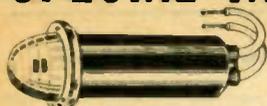
Type 8235. Low-loss 300-ohm line for UHF or VHF TV antennas. Resists oxidation and sun; made with 100% virgin polyethylene web. 20 gauge (7x28) stranded Weldohm wire; copper with steel core for maximum strength. Shpg. wt., 100 ft., 5 lbs.

8235—100 ft. Coil Net 4.80  
8235—Over 100 ft.—per 100 ft. 4.80

LAFAYETTE IS HEADQUARTERS FOR THE RADIO-TV SERVICEMAN AND DEALER

Page 177

# SPECIAL VALUES FOR SERVICEMEN AND EXPERIMENTERS



## JIFFI-LITE PERFECT ON-OFF INDICATOR

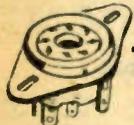
- CAN BE USED IN HI-FI EQUIPMENT, TV, AROUND THE HAM SHACK, INDUSTRIAL EQUIPMENT—ANYWHERE
- MOUNTS IN AN INSTANT
- OPERATES ON 80-160 VOLTS

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 oz.  
MS-695 Red  
MS-696 Amber

Net .46  
Net .46

## OCTAL STEATITE SOCKET



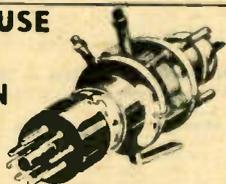
Ultra-low-loss steatite socket for standard 8-pin (octal) tubes. Nickel-plated steel saddle-type mounting plate with universal slotted holes for 1 1/2" to 1 3/4" centers. With retainer ring. Shpg. Wt. 4 oz.

SP-145 ..... Net each .16  
10 For 1.35

## WESTINGHOUSE

### 417A KLYSTRON

1.75



Covers frequency range of 2650 to 3330 mc/sec. Can take up to 75 watts input with forced air cooling. Frequency adjustable by means of screw (coarse) and knob (fine). Ratings: Beam V = 1000 at 40 ma. R.F. Power = 400. Filament is 6.3 v. at 3 amp. Reflector voltage—250.

Shpg. Wt. 3 lbs.

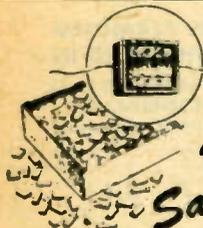
SP-13—In lots of 3, each

NET 1.75  
NET 1.95

Singly, each

## MICA KIT

### 50 CONDENSERS



Big Savings

99¢

ea  
In lots of 3

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, single, each

1.19 ea.

## 455 KC UNIVERSAL I.F. TRANSFORMER

Only 3/4" Square



The most popular replacement I.F. at half the regular price! Exceptionally high gain powdered iron core, compression tuned, 455 KC midge I.F. — only 3/4" square by 1 1/2" high. For both input and output circuits. Supplied with mounting clip and adapter plate to replace both midge and larger size cans. Shpg. wt., 4 ozs.

Stock No. MS-22, singly, ea.

.59  
Lots of 10, ea. .49

## HOOK-UP WIRE KITS

Low cost, high quality hook up wire. Shpg. wt., 1 lb. per 100 ft.

WR-41—100 ft. coil

Net .59

KI-38—Kit of 6 25 ft. coils

Net .79

KI-39—Kit of 5 100 ft. coils

Net 2.25

KITS OF CUT LENGTHS: 5 lbs., over 1000 ft.

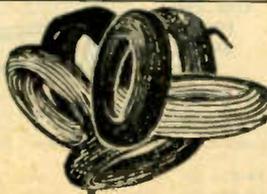
Lengths up to 3 ft. Shpg. wt., 6 lbs.

KI-22

Net 1.95

KI-35—2 1/2 lb. kit—500 ft.

Net .99



## LONG SHAFT CONTROL WITH SWITCH



VC-10, 1 Meg. | AUDIO TAPER  
VC-11, 1/2 Meg.

Shpg. Wt. 4 oz.

Each .49  
Lots of 10 Each .39

Famous Brand



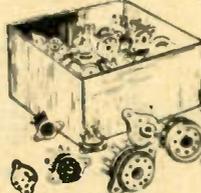
## RCA TAPE SPLICER WITH WAIST-TYPE SPLICE QUANTITY LIMITED!

.98 Over 70% Off!

Here's a terrific value! The famous RCA Autosplicer cuts a diagonal flap joint in the tape and trims the splicing tape and tape edges with an indented trim cut. The slight "waists" formed prevent adhesive from contacting recorder mechanism and prevent layer-to-layer adhesion. No more "wow", "flutter", or erratic performance due to adhesive deposited on tape guides, etc. Consists of a tape alignment guide with self-adhesive back for fastening to any surface, cutting unit with diagonal cutter on one side and waist-type cutters on other, and protective cover for blades. Shpg. wt., 6 oz.

SP-144

Net .98



## SOCKET KIT

KIT OF 20

A highly usable kit of popular types. Selected to give you a fine value. Shpg. wt. 2 lbs.

KI-48 Net 85¢

## VIBRATOR TEST ADAPTER

- USE WITH ANY TUBE TESTER
- TESTS 3 AND 4 PRONG, 6 OR 12V VIBRATORS

Quick, simple check for all standard 6 and 12 volt vibrators. Shows instantly if vibrator is working or defective. Indicates open or sticking contacts and starting voltage. Sturdy metallic body. 3 1/2" H x 1-9/16" W x 1-9/16" D. Shipping weight, 8 oz.

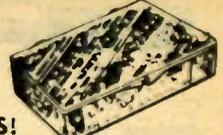
MS-394

Net 2.75



## SERVICEMAN'S HARDWARE KIT

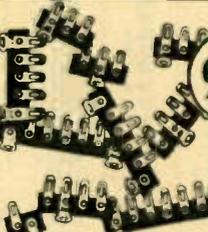
Quantity Limited  
OVER  
.79 600 PIECES!



Don't confuse this kit with the typical pile of unusable junk found in most hardware kits. Over 600 pieces of selected hardware used every day including large ass't. of screws of every type. Packed in a handsome hinged plastic case 4 3/4" x 3 3/4" x 1". Shpg. wt., 1 1/2 lbs.

KI-40

Net .79

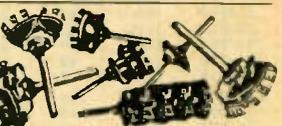


## KIT OF 48 SOLDER LUG STRIPS

Handy assortment of 48 solder lug terminal strips with 8 of each type from 1 through 6 lugs.

Shpg. wt. 12 oz.  
STOCK NO. KI-18  
Net 98¢

## KIT OF 10 ROTARY SWITCHES



A fine assortment of rotary switches—for the set builders, amateurs and experimenters. Ideal for many circuit arrangements. Shpg. wt. 2 lbs.

KI-19

Net .99



## FAHNESTOCK CLIPS

Brass clips that assure good electrical contact without injury to wire. 3/4" wide except \* which are 5/16". Shpg. wt. 4 oz.

Stock No.	Fig.	Length	Max. Wire	Mtg. Hole	10	100
MS-248	B	1"	No. 10	No. 8	.11	1.00
MS-249	C	1 1/2"	No. 10	No. 8	.18	1.60
MS-250	A	1 3/4"	No. 10	No. 8	.84	7.50
MS-251	B	3/4"	No. 14	No. 6	.10	.90

## CERAMICON KIT

25 ASSORTED STOCK NO. KI-13



Here is a real buy! Genuine CRL and Erie assorted tubular and disc ceramic condensers. All condensers popular sizes, used in TV and FM sets. At Lafayette's low price every service shop should have at least one of these kits. Shpg. Wt. 1 lb.

Complete kit of 25 ..... 89¢ ea.  
In lots of 6 ..... 79¢ ea.



## INSULATED RESISTOR KIT

100 Pieces—RMA Color Coded Regular List Price 15.80

Do not confuse with non-insulated foreign makes, etc., offered by others. Contains a carefully selected assortment of 100 insulated resistors. Standard RMA color code. Included are 70—1/2 watt; 20—1 watt and 10—2 watt resistors. Shpg. Wt. 3 lbs.

Stock No. KI-11  
SPECIAL! \$159 ea

Net 1.59

## 50 PIECE T.V. KNOB KIT

- A GREAT VALUE
- LESS THAN 4¢ 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.

KI-45

1.95



## STOCK UP ON THIS TERRIFIC CONDENSER VALUE!

Kit of 10 aluminum can, twist prong, plug-in and screw neck electrolytics — Contains single, dual and triple sectip units in assorted values and voltages. Regular value \$15.00. All 10 cost you less than the normal price of just two if bought regularly. Quantities are limited — suggest you stock up now, as at this remarkably low price they will go fast.

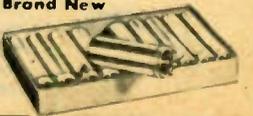
Shpg. Wt. 3 lbs.

KI-15 1500 Value for only

1.95

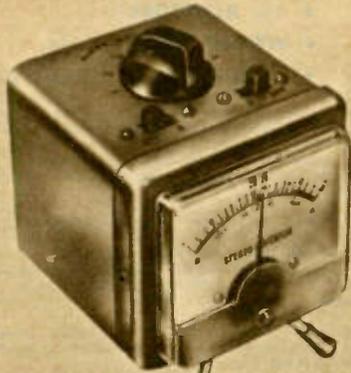
## KIT OF 10 ELECTROLYTICS QUANTITY LIMITED

- Guaranteed
- Brand New



# Lafayette SPECIAL HI-FI AUDIO METERS

## STEREO AUDIO ANALYST SINGLE NEEDLE—DUAL CHANNEL VU BALANCE METER ONE OF THE MOST VERSATILE INSTRUMENTS EVER OFFERED THE HI-FI ENTHUSIAST



TM-66 11.95

- UNIQUE TWO COIL GALVANOMETER TYPE PRECISION METER MOVEMENT
- SEVEN RANGES OF METER SENSITIVITY
- EFFORTLESS BALANCING OF STEREO SYSTEMS
- PROVISION FOR USE AS VU METER AND TAPE RECORDER LEVEL INDICATOR
- MAXIMUM METER SENSITIVITY 120  $\mu$ a

The TM-66 provides the solution to all stereo balancing problems. This unique precision meter movement utilizes 2 separate coils set in a single magnetic field. Each stereo channel feeds a separate coil through a full wave bridge rectifier. When both signals are equal and balanced the resultant deflection on the scale will measure 0. Unlike conventional stereo indicators having two unrelated movements, calibration of one meter against the other (channel A vs. channel B) is unnecessary. Since the two separate coils interact within a single magnetic field, the single needle movement acts upon channel A and channel B simultaneously, automatically maintaining the unit in constant calibration. Individual channels may be measured by means of the two slide switches. An extremely stable

meter action and protection from peak voltages is provided by special damping networks. Since the unit is in continuous calibration the need for individual range controls are eliminated. The single seven step range control serves for both channels and facilitates the use of the 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. The metal case is finished in a rich satin gold. Overall size is 4 3/8" x 5 1/2" H x 4-3/16" W. Shpg. wt., 3 1/2 lbs.

TM-66 Audio Analyst ..... Net 11.95

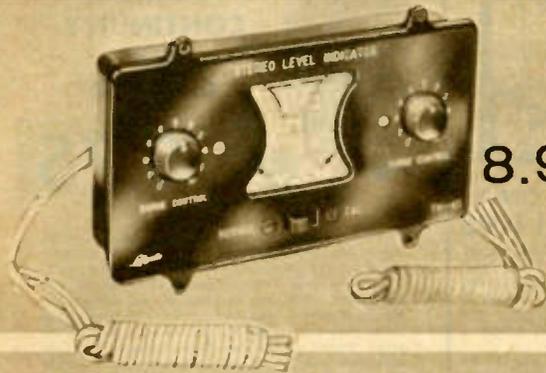
## STEREO VU BALANCE METER

- BALANCES STEREO SYSTEMS
- TWO METERS IN ONE
- ACCURATE TAPE RECORDER LEVEL INDICATOR

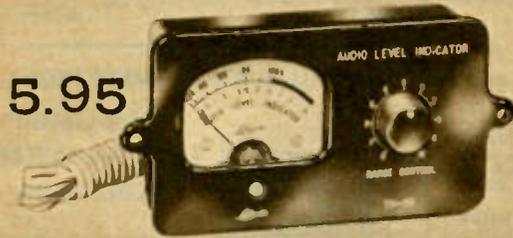
Forever ends the problem of adequately balancing your stereo system. Two precisely damped loudness meters mounted at opposite ends of the meter assembly provide a continuous comparison of speaker levels. The scales are calibrated in "Volume Units" and percent. 1.2 volts input sensitivity for 0 VU or 100 percent indication. Instead of continuously running back and forth between listening position and volume control, you can balance the entire system in one step. The special calibrating switch and 20 db attenuation controls permit exact matching of channels. But there are many more uses for this meter. 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 1 1/2" x 5 3/4". Shpg. wt., 2 1/4 lbs.

TM-40 STEREO BALANCE METER

Net 8.95



8.95



5.95

## NEW! AUDIO OUTPUT VU LEVEL METER

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 83,000 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 2-3/16" x 1-3/8". Shpg. wt., 2 lbs.

TM-20—AUDIO OUTPUT LEVEL METER

Net 5.95

## NEW! POCKET AC-DC VOM

- EXTREMELY COMPACT, MEASURES ONLY 3 7/8" x 2 1/8" x 1". 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 $\Omega$ , 0-150 MA

Here's the best test equipment buy in America. Lafayette's new, pocket multimeter features an unbeatable combination of 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, such as those found in automobiles, and around the ham shack. Extreme portability allows unlimited usage either at home or in the field.

1000 ohms per volt sensitivity, and 1% preci-

sion 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; 0-1000K MA; 0-150. The VOM comes completely wired and tested, and is enclosed in durable plastic case. All accessories including battery and rubber insulated, color coded, flexible test leads are supplied. Shpg. wt., 1 lb.

TE-13 AC POCKET VOM ..... Net 5.45



5.45

# HIGH QUALITY Lafayette TEST EQUIPMENT



ONLY  
**17.50**

## NEW MINIATURE HIGH SENSITIVITY MULTITESTER

- 23 RANGES
- 38  $\mu$ A MOVEMENT
- 1% RESISTORS
- COMPLETELY WIRED
- WEIGHS ONLY 10 oz.
- 20,000  $\Omega/v$  DC SENSITIVITY
- 10,000  $\Omega/v$  AC SENSITIVITY

A terrific bargain in an all-round extra sensitive multimeter. Here is the ideal all-purpose multimeter for troubleshooting anything electrical or electronic — can be used for repairing automobile wiring, checking ordinary household appliances, such as irons, heaters, and motors; troubleshooting complex electronic equipment in the home, in the shop or in the field. Ideal for TV sets, home radios, high-fidelity sets, amateur gear, commercial communications equipment — wherever a truly portable unit is required. This is a completely wired precision instrument, NOT A KIT. Uses a sensitive, rugged 38 microampere basic meter, a d'Arsonval movement with jewelled bearings providing easy, accurate read-off from its large, clear scales.  $2\frac{1}{2}$ " meter face. 1% precision resistors guarantee top-notch accuracy. This unit weighs only 10 oz., measures only  $4\frac{1}{2}$ " x  $2\frac{1}{2}$ " x  $1\frac{1}{2}$ " — fits into pocket without bulging, without weighing down. The entire front is protected by a thick, clear sheet of plastic, preventing scratching

and eradicating of switch markings, protecting your meter and preserving its appearance. Single selector switch with positive detents and clearly marked positions permits one-handed operation. Recessed, break-proof zero-ohms knob permits easy adjustment, yet cannot be broken even under rough handling.

Has 23 ranges of the unusually high sensitivities of 20,000 ohms per volt DC, 10,000 ohms per volt AC. DC Volts, 0-5-25-100-500-1000; AC Volts, 0-5-25-100-500-1000; OHMS, 0-6K-600K-6 Meg-60 Meg; DC MILLIAMPERES, 0-05 (50 microamps) -5-50-500; DECIBELS, -20 to +64 in 5 ranges.

Truly a superb instrument for any application. Complete with 1.5 volt and 15 volt batteries, and vinyl insulated flexible test leads. Shpg. wt. 1 lb.

AR-660 MINIATURE POCKET VOM

Net 17.50

## 20,000 OHM PER VOLT MULTITESTER SEMI-KIT



*A New Kind  
of Kit*

- 20,000 OHMS PER VOLT DC
- 10,000 OHMS PER VOLT AC

• 40 MICROAMPERE 3" D'ARSONVAL METER MOVEMENT

ONLY  
**11.95**

THE DIFFICULT  
WORK IS  
ALREADY DONE



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

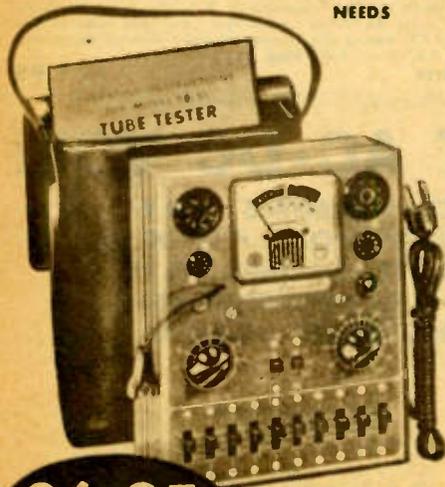
common to low resistance testers which load the circuit. Ranges: DC Volts, 0-10-50-250-500-1000; AC Volts, 0-10-50-250-500-1000; DC CURRENT, 0-500 ua, 0-10-250 ma; OHMS, 0-10K-100K-1 meg; DECIBELS, -20 to +36; PLUS 0-5000 henries and 250 mfd. to 02 mfd. Black case  $5\frac{1}{2}$ " x  $3\frac{3}{4}$ " x  $1\frac{1}{2}$ ". Complete with test leads, all parts, and instructions and battery. Shpg. wt. 3 lbs.

TK-10 KIT

Net 11.95

## A LAFAYETTE SPECIAL TUBE TESTER!

- MOST ADVANCED ENGINEERING TO FIT  
SERVICEMAN'S  
NEEDS



**26.95**

## COMPLETELY WIRED

### NOT A KIT

A new streamlined tube tester with a realistic approach to the problem of quickly testing the ever increasing number of tube types. It incorporates new and advanced engineering features and all at a price of about half of even the most ordinary tube tester. Read these Specifications.

**"FREE POINT" ELEMENT SELECTOR SWITCHING:** Newly designed, it reduces possibility of obsolescence to a minimum because any pin may be used as a filament pin and voltage applied between it and any other pin, or even the "top cap". Tubes with tapped filaments or with filaments terminating in more than 1 pin are truly tested.

**MULTIPURPOSE TUBES:** Special isolating circuit allow each section of multi-purpose tubes to be tested individually as if it were in a separate envelope.

**SHORTS AND LEAKAGES:** Supersensitive method checks shorts and leakages up to 5 megohm between any and ALL elements; continuity between various sections individually indicated.

**SIMPLICITY:** Fast simple operation. The 4 position fast action snap switches are all numbered in exact accord with RMA standards. Thus when testing element terminating in pin No. 7 of a tube — you use button No. 7. You can't insert a tube in the wrong socket — there's one for each type of tube base.

**TUBE TYPES:** Tests all octal, loctal, 7 pin miniatures, 9 pin miniatures as well as the new novel and Sub-Minar types. Old type sockets used for testing obsolete types — that you rarely see anymore — have been eliminated.

**SIZE:** A practical size to carry with you as well as for use in the shop — only  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " x  $2\frac{1}{4}$ " deep. Shpg. Wt. 5 lbs.

**MODEL TO-55** — complete with carrying case and instructions. **26.95**



## FILAMENT CONTINUITY TUBE CHECKER

**2.75**

Small and compact as cigarette boxes. 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 homertone finish. Size:  $4\frac{1}{2}$ " x  $3\frac{1}{2}$ ". Shpg. wt., 12 oz.

TE-11

Net 2.75

## CORNELL-DUBILIER "HANDICHECK"

### "IN-THE-CIRCUIT" CAPACITOR CHECKER MODEL BF-90

**37.95**



An instrument designed to provide the TV and Radio serviceman a means to determine the condition of capacitors rapidly and conveniently without removing them from a circuit. Checks open, short, or intermittent condition by circuits incorporating an electron-ray indicator tube. Capacitors from 30 mmfd to 2000 mfd may be checked. A recessed handle is provided. Size:  $5\frac{1}{2}$ " x  $7\frac{1}{2}$ " x  $10\frac{1}{2}$ ". Shpg. wt., 8 lbs.

TE-628

5.00 Down

Net 37.95

## TEST-O-MATIC TUBE and H. V. TESTER

Complete filament, continuity and high voltage tester. Battery operated, has self contained flashlight, 7 and 9 pin miniature pin straighteners, plus facilities for continuity tests of octal, 7 and 9 pin tubes, bulbs, fuses, picture tubes, and external equipment. High voltage tester. Only  $6\frac{1}{2}$ " high,  $3\frac{3}{4}$ " wide. Shpg. wt., 1 lb.

TE-629

Net 6.95



# SENSATIONAL VALUES IN MULTITESTERS

## NEW! 10,000 OHMS PER VOLT MULTITESTER

Outperforms Instruments Many Times its Size

- EXTRA LARGE 3 1/2" METER FACE
- COMPLETELY WIRED (NOT A KIT)
- ALL ACCESSORIES INCLUDED

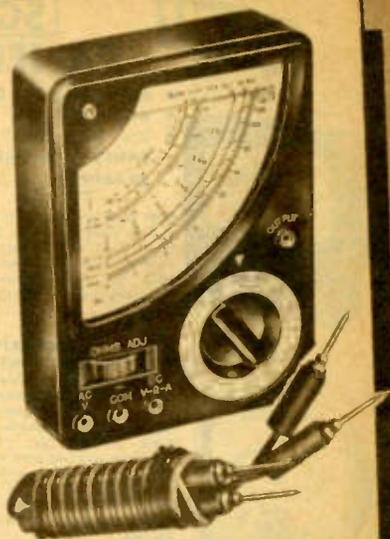
**8<sup>95</sup>**

### 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: 0-20  $\mu$ A; 0-3M; 0-300M RESISTANCE; 0-30K; 0-3 MEG OHMS; -20 to +63 in 5 scales; Capacity 50  $\mu$ F to 0.01  $\mu$ F; and .001  $\mu$ F to .15U; OUTPUT RANGES 0-6; 0-30; 0-420; 0-600; 0-1200.

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 4 1/2 x 3 3/4 x 1 1/4. Complete with leads and battery. Shpg. wt., 1 1/2 lbs.

TE-10 ..... Net 8.95  
Pig skin carrying case for TE-10. Shpg. wt., 8 ozs.  
TE-14 ..... Net 1.95



## NEW! 20,000 OHMS PER VOLT MULTITESTER

**13<sup>50</sup>**

- 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

A new multimeter with extra-luxury features, at a down-to-earth price. Uses a 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 permits the measuring of voltages without unduly loading the circuit, thus preserving accuracy of readings. 1% tolerance resistors further help in this respect. A single knob selector switch greatly simplifies operation.

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. A real bargain! Size 3 3/4" x 5 3/4" x 1 1/4". Shpg. wt., 3 lbs.

MODEL RW-60 Multimeter

Net 13.50

## NEW HIGH SENSITIVITY MULTITESTER

A new high-quality, low-priced multimeter. 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  $\mu$ A D'Arsonval meter movement. 1% tolerance resistors provide extreme accuracy of measurements. Housed in rugged satellite 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: RX1, 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 color-coded heavy duty test probes and battery. Size: 6 x 3 3/4 x 1 1/4". Shpg. Wt., 1 1/2 lbs. Net 17.95

- 20,000 OHMS PER VOLT DC
- 10,000 OHMS PER VOLT AC
- RESISTANCE RANGE 0-60 MEGOHMS
- 40  $\mu$ A MOVEMENT
- 1% RESISTORS

**17<sup>95</sup>**



# Lafayette QUALITY PANEL METERS

**NEW!**

## SQUARE PANEL METERS

- HIGH QUALITY D'ARSONVAL MOVEMENTS
- ACCURACY 2% OF FULL SCALE
- 3/8" SQ., ONLY 1-5/16" OVERALL BEHIND PANEL ● BAKELITE CASES ● JEWELLED BEARINGS

High quality, precision built meters with better than 2% of full scale accuracy. 3/8" square, 2-5/16" x 1 1/2" dial faces, 1-11/16" overall depth, 1-5/16" behind panel including terminals. Require 2-9/16" diameter mounting hole. 1/4" screw terminals plus solder lugs, 4 threaded mounting studs in corners. Zero adjust screw. Shpg. wt., 1 lb.

**ILLUMINATED ZERO VU METER**  
**CLEAR PLASTIC FRONT METER** — Standard 3900 ohm "B" scale volume indicator calibrated and damped in accordance with standard VU meter practice. Upper scale reads 0-100% modulation, lower scale reads -20 to +3 VU (0 VU corresponds to 100%) Accurate to  $\pm 0.2$  VU from 35-1000 cps,  $\pm 0.5$  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.

**TM-80** Net 7.50

**0-50 DC MICROAMMETER**  
**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.

**TM-70** Net 7.50

**0-1 DC MILLIAMMETER**  
**0-1 DC MILLIAMMETER** — Sensitive, quick-acting basic movement. Linear calibrations in .02 ma. divisions. Black scale, red pointer.

**TM-60** Net 3.95

**0-150 AC VOLT METER**  
**0-150 AC VOLT METER** — Full-wave bridge rectifier type. 1000 ohms per volt. With precision carbon-film multiplier resistor. 5 volts per division, linear scale.

**TM-50** Net 3.95

## METER RECTIFIER

A brand new, economical meter rectifier of exceptionally linear characteristics. This full wave rectifier is specially designed as a universal replacement for all modern multi-meters, such as Lafayette's miniature V.O.M.'s. Simple to install, mounts with single screw. Long terminals facilitate easy connection.

**RE-22** Net .45

**NEW!**

## Miniature PANEL METERS

- D'ARSONVAL MOVEMENTS
- BAKELITE CASES ● JEWELLED BEARINGS
- ONLY 1-9/16" 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, 1 1/4" dial faces, with silvered dials and black numerals and pointers. Accuracy 2% of full scale. 1-9/16" 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 for mounting, with 1 1/4" centers. Terminal polarity on DC models clearly marked. Screw terminals. Zero adjustment screw on front of panel. Clear optical glass fronts. Shpg. wt., 8 oz.

**VU METER** — 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-pod attenuator. 0-100% scale used to indicate percent use of transmitter output.

**TM-10** Net 3.95

**"5" METER**  
**"5" METER** — Standard "hom" signal strength indicator. Calibrated in "S" units from 0-9, with the scale terminating in +10 and +30 db calibrations. Additional full scale calibrations of 0-5 and 0-10 in linear scale divisions. A "must" for radio amateurs for conversion of any communications receiver with AVC action to give calibrated signal strength indications. Use of "S" meter fully described in 1958 "Radio Amateur's Handbook" (Lafayette stock No. BK-1000), pages 106-107.

**TM-11** Net 3.95

**DC MILLIAMMETERS**

<b>TM-400</b>	0-1 DC	MILLIAMPERES	Net 3.75
<b>TM-401</b>	0-5 DC	MILLIAMPERES	Net 3.75
<b>TM-402</b>	0-50 DC	MILLIAMPERES	Net 3.75
<b>TM-403</b>	0-100 DC	MILLIAMPERES	Net 3.75

**DC MICROAMMETER**

<b>TM-200</b>	0-50 DC	MICROAMPERES	Net 4.95
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**AMMETERS**

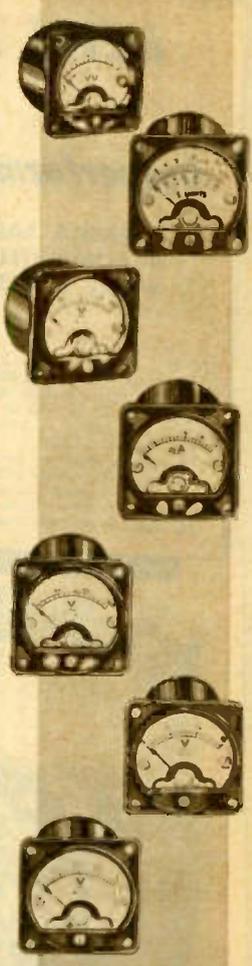
<b>TM-510</b>	50-0-50 DC	AMPERES	Net 3.95
<b>TM-511</b>	0-10 DC	AMPERES	Net 3.95

**R. F. AMMETER**

<b>TM-500</b>	0-5 RF	AMPERES	Net 3.95
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**VOLTMETERS**

<b>TM-100</b>	0-15 DC	VOLTS	Net 3.75
<b>TM-101</b>	0-200 DC	VOLTS	Net 3.75
<b>TM-300</b>	0-150 AC	VOLTS	Net 3.75
<b>TM-301</b>	0-300 AC	VOLTS	Net 3.75



**NEW!**

## EDGE-WISE PANEL METERS

- 2% FULL SCALE ACCURACY
- PRECISION D'ARSONVAL MOVEMENTS
- FRONT PANEL AREA ONLY 3/4" x 1"

For use where panel space is limited. Requires about 1/2 the panel area of conventional 2 1/2" meters. Light weight; only 10 ozs. Has precision D'Arsonval meters with 2% or better full scale accuracy. Front panel dimension is 3/4" x 1". Overall depth is 3/8" behind panel including terminals. Has stud-type solder terminals and zero adjustment screw. Shpg. Wt., 1/2 lbs.

**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  $\pm 0.5$  VU from 30-15,000 cps.

**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.

**TM-21** Net 5.69

**NEW!**

## MINIATURE FM & AM TUNING METER

- GALVANOMETER MOVEMENT
- 50  $\mu$ A SENSITIVITY
- FRONT PANEL AREA ONLY 3/4" x 1"

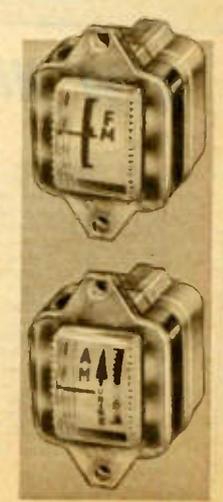
Miniature FM and AM tuning meters can be easily installed on any tuner. The remarkable sensitivity enables you to tune in stations with surprising ease. Galvanometer movement of the indicator assures complete accuracy. Despite its miniature size, the tuning meter is ruggedly built. Current sensitivity  $\pm 50$  microamps DC. Internal resistance about 430 ohms. 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: 3/4" x 1". 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.

**TM-13** Net 2.95

**AM TUNING METER**  
**AM TUNING METER.** Can be connected into the second IF stage of AM or transistor radio. Graduated scale with maximum deflection of pointer indicating station being tuned in.

**TM-12** Net 2.95



# PANEL METERS TESTERS AND METER RECTIFIERS



GLASS FRONT  
Type 950



CLEAR PLASTIC  
Type 850



GLASS FRONT  
Type 550

## SHURITE PANEL METERS

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 or moving magnet construction. Require a 2-5/32" hole. "H" indicates high resistance. Average Shpg. wt., 2 lbs. CLEAR PLASTIC: Attractive plastic meters with 2-17/32" W x 2-5/16" H crystal polystyrene front for exceptional visibility and protection. Frosted finish interior. GLASS-FRONT: Study metal case, glass-front meters. Round model is clamp-mounted; square model is flange-mounted.

### 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	Net	Type 550	Type 950	Net	Less Zero Adjust	With Zero Adjust	Net	
<b>DC MILLIAMMETERS</b>										
0-1				MT-100	MT-114	3.43		MT-128	3.63	
0-3L				MT-101	MT-115	3.09		MT-129	3.28	
0-3	MT-102	MT-116	2.55	MT-293	MT-305	2.90				
0-5	MT-103	MT-117	2.30	MT-294	MT-306	2.65	MT-130	2.50	MT-317	2.85
0-10	MT-104	MT-118	2.16	MT-295	MT-307	2.51	MT-131	2.35	MT-318	2.70
0-15	MT-105	MT-119	1.86	MT-296	MT-308	2.21	MT-132	2.06	MT-319	2.41
0-25	MT-106	MT-120	1.81	MT-297	MT-309	2.16	MT-133	2.01	MT-320	2.36
0-50	MT-107	MT-121	1.81	MT-298	MT-310	2.16	MT-134	2.01	MT-321	2.36
0-100	MT-108	MT-122	1.81	MT-299	MT-311	2.16	MT-135	2.01	MT-322	2.36
0-150	MT-109	MT-123	1.81	MT-300	MT-312	2.16	MT-136	2.01	MT-323	2.36
0-200	MT-110	MT-124	1.81	MT-301	MT-313	2.16	MT-137	2.01	MT-324	2.36
0-300	MT-111	MT-125	1.81	MT-302	MT-314	2.16	MT-138	2.01	MT-325	2.36
0-400	MT-112	MT-126	1.81	MT-303	MT-315	2.16	MT-139	2.01	MT-326	2.36
0-500	MT-113	MT-127	1.81	MT-304	MT-316	2.16	MT-140	2.01	MT-327	2.36
<b>DC AMMETERS</b>										
0-1	MT-141	MT-156	1.81	MT-328	MT-343	2.16				
0-3	MT-142	MT-157	1.81	MT-329	MT-344	2.16	MT-171	2.01	MT-358	2.36
0.5	MT-143	MT-158	1.81	MT-330	MT-345	2.16	MT-172	2.01	MT-359	2.36
0-8	MT-144	MT-159	1.81	MT-331	MT-346	2.16				
0-10	MT-145	MT-160	1.81	MT-332	MT-347	2.16	MT-173	2.01	MT-360	2.36
0-15	MT-146	MT-161	1.81	MT-333	MT-348	2.16	MT-174	2.01	MT-361	2.36
0-25	MT-147	MT-162	2.25	MT-334	MT-349	2.60	MT-175	2.45	MT-362	2.80
0-50	MT-148	MT-163	2.45	MT-335	MT-350	2.80	MT-176	2.65	MT-363	3.00
3-0-3	MT-149	MT-164	2.01	MT-336	MT-351	2.36				
5-0-5	MT-150	MT-165	2.01	MT-337	MT-352	2.36				
6-0-6	MT-151	MT-166	2.01	MT-338	MT-353	2.36				
10-0-10	MT-152	MT-167	2.25	MT-339	MT-354	2.60	MT-177	2.45	MT-364	2.80
20-0-20	MT-153	MT-168	2.30	MT-340	MT-355	2.65	MT-178	2.50	MT-365	2.85
30-0-30	MT-154	MT-169	2.45	MT-341	MT-356	2.80				
50-0-50	MT-155	MT-170	2.55	MT-342	MT-357	2.90				
<b>DC VOLTMETERS</b>										
0-1	MT-179	MT-200	1.81	MT-366	MT-387	2.16				
0-3	MT-180	MT-201	1.81	MT-367	MT-388	2.16	MT-221	2.01	MT-409	2.36
3-0-3	MT-181	MT-202	1.81	MT-368	MT-389	2.16				
0-5	MT-182	MT-203	1.81	MT-369	MT-390	2.16	MT-222	2.01	MT-410	2.36
0-6	MT-183	MT-204	1.81	MT-370	MT-391	2.16				
0-8	MT-184	MT-205	1.81	MT-371	MT-392	2.16	MT-223	2.01	MT-411	2.36
0-10	MT-185	MT-206	1.81	MT-372	MT-393	2.16	MT-224	2.01	MT-412	2.36
0-15	MT-186	MT-207	1.81	MT-373	MT-394	2.16	MT-225	2.01	MT-413	2.36
0-20	MT-187	MT-208	1.86	MT-374	MT-395	2.21				
0-25	MT-188	MT-209	2.11	MT-375	MT-396	2.46	MT-226	2.30	MT-414	2.65
0-25H	MT-189	MT-210	2.70	MT-376	MT-397	3.05	MT-227	2.45	MT-415	2.80
0-50	MT-190	MT-211	2.25	MT-377	MT-398	2.60				
0-50H	MT-191	MT-212	2.25	MT-378	MT-400	3.24				
0-75	MT-192	MT-213	2.89	MT-379	MT-401	2.60				
0-100	MT-193	MT-214	2.25	MT-380	MT-402	2.60				
0-100H	MT-194	MT-215	2.94	MT-381	MT-403	3.29				
0-150	MT-195	MT-216	2.30	MT-382	MT-404	2.65	MT-228	2.50	MT-416	2.85
0-150H	MT-196	MT-217	3.04	MT-383	MT-405	3.39				
0-300H	MT-197	MT-218	3.14	MT-384	MT-406	3.49				
0-500H	MT-198	MT-219	3.38	MT-385	MT-407	3.73				
0-750H	MT-199	MT-220	3.97	MT-386	MT-408	4.32				
<b>RESISTANCE METERS</b>										
10,000 ohms	MT-229	MT-230	2.40	MT-417	MT-418	2.75	MT-231	2.60	MT-419	2.95
ME-447 FLANGE ADAPTER RING FOR ROUND METERS—2 1/2" Black Finish 18c										

## 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-446 ..... Net 3.53

TYPE	DC VOLTMETERS		NET
	RANGE		
MT-435	0-5		2.25
MT-436	0-7		2.25
MT-437	0-50		2.70
MT-438	0-2-50		2.89
MT-439	0-5-50		2.89
MT-440	0-7.5-90		3.04
MT-441	0-2-6		3.68
MT-442	0-2-150		3.77
TYPE	DC AMMETERS		NET
	RANGE		
MT-443	0-3		2.25
MT-444	0-15		2.30
MT-445	0-40		2.89

## EBY POCKET TESTER



Measures only 3" x 4" x 1 1/4", yet this amazing unit is 8 instruments in 1. Measures AC-DC volts from 0-1000 on low range, and 50KV on high. It's a signal tracer, condenser tester, audio oscillator. AGC substitution voltage supply, visual output meter and continuity tester. An outstanding value. Shpg. Wt. 3 lbs. TE-626 ..... Net 5.95

## PLUG-IN LINE VOLTAGE TESTER

• JUST PLUG IN AND READ!  
• 90° SWIVEL

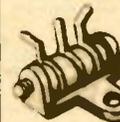


Accurate Voltage Tester gives instantaneous readings right at the receptacle—no wires, no assembly. Just plugs into AC receptacle. Reads 0-150V AC. 90° swivel at the prongs for easy reading from any position. Accuracy 5%. Steel case. Damped movement. Shpg. wt. 1/2 lb.

ONLY  
2.94

TE-627 ..... Net 2.94

## 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. 5oz.

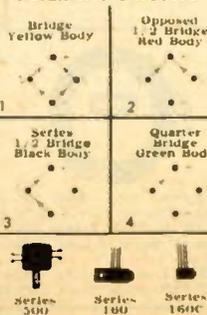
RE-22 ..... Net .45

## SHURITE AC METERS

Range	Glass Front Less Zero Adjust			Plastic Front Type 850			
	Type 550	Type 950	Net	Less Zero Adjust	With Zero Adjust	Net	
<b>AC MILLIAMMETERS</b>							
0-10	MT-232	MT-238	3.23				
0-25	MT-233	MT-239	2.94				
0-50	MT-234	MT-240	2.94	MT-244	3.14	MT-420	3.49
0-100	MT-235	MT-241	2.94	MT-248	3.14	MT-421	3.49
0-250	MT-236	MT-242	2.94	MT-246	3.14	MT-422	3.49
0-500	MT-237	MT-243	2.94	MT-247	3.14	MT-423	3.49
<b>AC AMMETERS</b>							
0-1	MT-248	MT-255	2.89	MT-262	3.09	MT-424	3.44
0-3	MT-249	MT-256	2.89	MT-263	3.09	MT-425	3.44
0-5	MT-250	MT-257	2.89	MT-264	3.09	MT-426	3.44
0-10	MT-251	MT-258	2.89	MT-265	3.09	MT-427	3.44
0-15	MT-252	MT-259	2.89	MT-266	3.33	MT-428	3.68
0-30	MT-253	MT-260	3.14	MT-267	3.53	MT-429	3.88
0-50	MT-254	MT-261	3.33				
<b>AC VOLTMETERS</b>							
0-4	MT-268	MT-278	2.94				
0-6	MT-269	MT-279	2.94				
0-10	MT-270	MT-280	2.94	MT-288	3.14	MT-430	3.49
0-15	MT-271	MT-281	2.94				
0-25	MT-272	MT-282	2.94	MT-289	3.14	MT-431	3.49
0-50	MT-273	MT-283	3.53	MT-290	3.72	MT-432	4.07
0-150	MT-274	MT-284	3.53	MT-291	3.72	MT-433	4.07
0-300	MT-275	MT-285	4.17	MT-292	4.36	MT-434	4.71
0-500	MT-276	MT-286	4.56				
0-750	MT-277	MT-287	5.15				

## CONANT METER RECTIFIERS

### INTERNAL CIRCUITS



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. Cts.	No. Tms.	Forward Output		Net Ea.	
				DC MA	DC MA		
RE-28	M	500	1	4	100	50	2.06
RE-29	HS	500	2	3	100	50	1.53
RE-30	T	500	3	3	100	50	1.50
RE-31	H	500	4	2	100	50	1.18
RE-32	B	160	1	4	10	5	2.06
RE-33	BMS	160	2	3	10	5	1.50
RE-34	BT	160	3	3	10	5	1.50
RE-35	BM	160	4	2	10	5	1.18
RE-36	BC	160-C	1	4	10	5	2.06
RE-37	BMS-C	160-C	2	3	10	5	1.50

LAFAYETTE SHIPS IMMEDIATELY FROM COMPLETE STOCKS OF ELECTRONIC PARTS

# TRIPLETT PANEL METERS

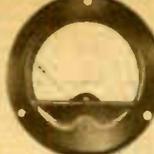
## METER SPECIFICATIONS

The panel meter with the quality of distinction. Accurate to within 2% of full scale. DC meters employ D'Arsenval moving coil movements; AC types use double-throw 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. LAFAYETTE CAN SUPPLY THE COMPLETE LINE OF TRIPLETT METERS. See chart at bottom of page for meter dimensions.

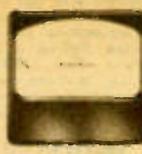
## GLASS-FRONT PANEL METERS



2 1/2", 3"



2 1/2", 3"



4 1/2"

**ATTENTION—INDUSTRIAL BUYERS!**  
**SPECIAL QUANTITY DISCOUNTS**  
**ON TRIPLETT METERS**  
**LOTS OF 10-24 DEDUCT 10%**  
**LOTS OF 25-49 DEDUCT 15%**

### DC MICROAMMETERS

Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1to9 Each	321T 3 1/2" Rnd	327T 3" Rect	1to9 Each	420 4 1/2" Rect	1to9 Each
0-20	MT-475	MT-476	17.25	MT-477	MT-478	17.84	MT-479	18.91
0-50	MT-480	MT-481	14.60	MT-482	MT-483	15.09	MT-484	16.17
0-100	MT-485	MT-486	12.74	MT-487	MT-488	13.23	MT-489	14.31
0-200	MT-490	MT-491	10.88	MT-492	MT-493	11.47	MT-494	12.54
0-500	MT-495	MT-496	10.39	MT-497	MT-498	10.88	MT-499	11.96
500-0-500	MT-500	MT-501	10.74	MT-502	MT-503	13.23	MT-504	14.31
100-0-100	MT-505	MT-506	10.88	MT-507	MT-508	11.47	MT-509	12.54
500-0-500	MT-510	MT-511	9.70	MT-512	MT-513	10.29	MT-514	11.37

### AC MILLIAMMETERS

Range	2315 2 1/2" Rnd	2375 2 1/2" Rect	1to9 Each	3315 3 1/2" Rnd	3375 3" Rect	1to9 Each	430 4 1/2" Rect	1to9 Each
0-10	MT-755	MT-756	9.70	MT-757	MT-758	10.29	MT-759	11.37
0-15	MT-760	MT-761	9.70	MT-762	MT-763	10.29	MT-764	11.37
0-25	MT-765	MT-766	9.70	MT-767	MT-768	10.29	MT-769	11.37
0-50	MT-770	MT-771	9.70	MT-772	MT-773	10.29	MT-774	11.37
0-100	MT-775	MT-776	9.70	MT-777	MT-778	10.29	MT-779	11.37
0-200	MT-780	MT-781	9.70	MT-782	MT-783	10.29	MT-784	11.37
0-250	MT-785	MT-786	9.70	MT-787	MT-788	10.29	MT-789	11.37
0-500	MT-790	MT-791	9.70	MT-792	MT-793	10.29	MT-794	11.37

### DC MILLIAMMETERS

Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1to9 Each	321T 3 1/2" Rnd	327T 3" Rect	1to9 Each	420 4 1/2" Rect	1to9 Each
0-1	MT-515	MT-516	9.70	MT-517	MT-518	10.29	MT-519	11.37
0-1.5	MT-520	MT-521	9.70	MT-522	MT-523	10.29	MT-524	11.37
0-3	MT-525	MT-526	9.70	MT-527	MT-528	10.29	MT-529	11.37
0-5	MT-530	MT-531	9.70	MT-532	MT-533	10.29	MT-534	11.37
0-10	MT-535	MT-536	9.70	MT-537	MT-538	10.29	MT-539	11.37
0-15	MT-540	MT-541	9.70	MT-542	MT-543	10.29	MT-544	11.37
0-25	MT-545	MT-546	10.09	MT-547	MT-548	10.68	MT-549	11.76
0-50	MT-550	MT-551	10.09	MT-552	MT-553	10.68	MT-554	11.76
0-75	MT-555	MT-556	10.09	MT-557	MT-558	10.68	MT-559	11.76
0-100	MT-560	MT-561	10.09	MT-562	MT-563	10.68	MT-564	11.76
0-150	MT-565	MT-566	10.09	MT-567	MT-568	10.68	MT-569	11.76
0-200	MT-570	MT-571	10.09	MT-572	MT-573	10.68	MT-574	11.76
0-250	MT-575	MT-576	10.09	MT-577	MT-578	10.68	MT-579	11.76
0-300	MT-580	MT-581	10.09	MT-582	MT-583	10.68	MT-584	11.76
0-400	MT-585	MT-586	10.09	MT-587	MT-588	10.68	MT-589	11.76
0-500	MT-590	MT-591	10.09	MT-592	MT-593	10.68	MT-594	11.76
0-750	MT-595	MT-596	10.09	MT-597	MT-598	10.68	MT-599	11.76
0-1000	MT-600	MT-601	10.09	MT-602	MT-603	10.68	MT-604	11.76

### AC AMMETERS

Range	2315 2 1/2" Rnd	2375 2 1/2" Rect	1to9 Each	3315 3 1/2" Rnd	3375 3" Rect	1to9 Each	430 4 1/2" Rect	1to9 Each
0-1	MT-795	MT-796	9.70	MT-797	MT-798	10.29	MT-799	11.37
0-2	MT-800	MT-801	9.70	MT-802	MT-803	10.29	MT-804	11.37
0-3	MT-805	MT-806	9.70	MT-807	MT-808	10.29	MT-809	11.37
0-5	MT-810	MT-811	9.70	MT-812	MT-813	10.29	MT-814	11.37
0-10	MT-815	MT-816	9.70	MT-817	MT-818	10.29	MT-819	11.37
0-15	MT-820	MT-821	9.70	MT-822	MT-823	10.29	MT-824	11.37
0-25	MT-825	MT-826	9.70	MT-827	MT-828	10.29	MT-829	11.37
0-30	MT-830	MT-831	9.70	MT-832	MT-833	10.29	MT-834	11.37
0-50	MT-835	MT-836	9.70	MT-837	MT-838	10.29	MT-839	11.37
0-75				MT-842	MT-843	11.86	MT-844	12.94

### AC VOLTMETERS

Range	2315 2 1/2" Rnd	2375 2 1/2" Rect	1to9 Each	3315 3 1/2" Rnd	3375 3" Rect	1to9 Each	430 4 1/2" Rect	1to9 Each
0-1.5	MT-845	MT-846	9.70	MT-847	MT-848	10.29	MT-849	11.37
0-3	MT-850	MT-851	9.70	MT-852	MT-853	10.29	MT-854	11.37
0-5	MT-855	MT-856	9.70	MT-857	MT-858	10.29	MT-859	11.37
0-10	MT-860	MT-861	9.70	MT-862	MT-863	10.29	MT-864	11.37
0-15	MT-865	MT-866	9.70	MT-867	MT-868	10.29	MT-869	11.37
0-25	MT-870	MT-871	9.70	MT-872	MT-873	10.29	MT-874	11.37
0-50	MT-875	MT-876	9.70	MT-877	MT-878	10.29	MT-879	11.37
0-100	MT-880	MT-881	9.70	MT-882	MT-883	10.29	MT-884	11.37
0-150	MT-885	MT-886	10.68	MT-887	MT-888	11.17	MT-889	12.25
0-250	MT-890	MT-891	11.17	MT-892	MT-893	11.76	MT-894	12.84
0-300	MT-895	MT-896	11.76	MT-897	MT-898	12.25	MT-899	13.33
0-500	MT-900	MT-901	15.39	MT-902	MT-903	15.97	MT-904	17.05

### DC AMMETERS

SELF-CONTAINED UP TO AND INCLUDING 50 AMPERES. METERS FOR 75 AMPERES (50 MILLIVOLTS) AND HIGHER HAVE SWITCHBOARD OR CURVE-TYPE SHUNTS.

Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1to9 Each	321T 3 1/2" Rnd	327T 3" Rect	1to9 Each	420 4 1/2" Rect	1to9 Each
0-1	MT-605	MT-606	9.70	MT-607	MT-608	10.29	MT-609	11.37
0-3	MT-610	MT-611	9.70	MT-612	MT-613	10.29	MT-614	11.37
0-5	MT-615	MT-616	10.49	MT-617	MT-618	10.98	MT-619	12.05
0-10	MT-620	MT-621	10.49	MT-622	MT-623	10.98	MT-624	12.05
0-15	MT-625	MT-626	10.49	MT-627	MT-628	10.98	MT-629	12.05
0-25	MT-630	MT-631	10.49	MT-632	MT-633	10.98	MT-634	12.05
0-30	MT-635	MT-636	10.49	MT-637	MT-638	10.98	MT-639	12.05
0-50	MT-640	MT-641	10.49	MT-642	MT-643	10.98	MT-644	12.05

### DC VOLTMETERS

100 OHMS PER VOLT. WITH CARBON, FILM-TYPE RESISTORS. + HAVE EXTERNAL RESISTORS. \* WITH WIREWOUND RESISTORS.

Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1to9 Each	321T 3 1/2" Rnd	327T 3" Rect	1to9 Each	420 4 1/2" Rect	1to9 Each
0-1*	MT-645	MT-646	10.49	MT-647	MT-648	10.98	MT-649	12.05
0-3*	MT-650	MT-651	10.49	MT-652	MT-653	10.98	MT-654	12.05
0-5*	MT-655	MT-656	10.49	MT-657	MT-658	10.98	MT-659	12.05
0-10	MT-660	MT-661	10.49	MT-662	MT-663	10.98	MT-664	12.05
0-15	MT-665	MT-666	10.49	MT-667	MT-668	10.98	MT-669	12.05
0-25	MT-670	MT-671	10.49	MT-672	MT-673	10.98	MT-674	12.05
0-50	MT-675	MT-676	10.49	MT-677	MT-678	10.98	MT-679	12.05
0-100	MT-680	MT-681	10.49	MT-682	MT-683	10.98	MT-684	12.05
0-150	MT-685	MT-686	10.49	MT-687	MT-688	10.98	MT-689	12.05
0-200	MT-690	MT-691	10.49	MT-692	MT-693	10.98	MT-694	12.05
0-250	MT-695	MT-696	10.49	MT-697	MT-698	10.98	MT-699	12.05
0-300	MT-700	MT-701	10.49	MT-702	MT-703	10.98	MT-704	12.05
0-500	MT-705	MT-706	10.98+	MT-707	MT-708	11.56	MT-709	12.64
0-750	MT-710	MT-711	10.98+	MT-712	MT-713	11.56	MT-714	12.64
0-1000+	MT-715	MT-716	13.03+	MT-717	MT-718	13.62	MT-719	14.70
0-2000+	MT-720	MT-721	13.03	MT-722	MT-723	13.62	MT-724	14.70
0-3000+	MT-725	MT-726	13.03	MT-727	MT-728	13.62	MT-729	14.70
0-4000+	MT-730	MT-731	13.03	MT-732	MT-733	13.62	MT-734	14.70
0-5000+	MT-735	MT-736	13.03	MT-737	MT-738	13.62	MT-739	14.70

### VOLUME UNIT METERS

Internal impedance 3000 ohms, 1 mw. ref. level. For 600 ohm line. Type "A" Scale: 0-100%; -20 +3 VU on top arc. Type "B" Scale: 0-100%; -20 +3 VU on bottom arc.

327T 3" RECT	1 to 9 EACH	420 4 1/2" RECT	1 to 9 EACH
MT-905	18.72	MT-906*	23.52
MT-907*	20.48	MT-908*	26.75

### DECIBEL METERS

1.5 dB down 10 D.B. For 500 ohm line, 6 mw ref. level, Zero D.B. = 1.73V. Internal resistance 5000 ohms. \* Illuminated.

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
MT-909	14.99	MT-910	14.99	MT-911	16.76
MT-912*	16.95	MT-913*	16.95	MT-914*	18.03

### DC MILLIVOLTMETERS

Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1to9 Each	321T 3 1/2" Rnd	327T 3" Rect	1to9 Each	420 4 1/2" Rect	1to9 Each
0-50	MT-740	MT-741	9.70	MT-742	MT-743	10.29	MT-744	11.37
0-100	MT-745	MT-746	9.70	MT-747	MT-748	10.29	MT-749	11.37
0-150	MT-750	MT-751	9.70	MT-752	MT-753	10.29	MT-754	11.37

### METER DIMENSIONS

Mod.	Flange	Body Dia.	*Depth	Scale
221-T	2-11/16"	2-7/32"	1-5/8"	1.76"
231-S	2-11/16"	2-7/32"	1-13/16"	1.58"
321-T	3-1/2"	2-3/4"	1-5/8"	2.19"
331-S	3-1/2"	2-3/4"	1-13/16"	2.22"

### RECTANGULAR FLUSH MOUNTING

Mod.	Flange	Body Dia.	*Depth	Scale
227-T	2-1/8x2-3/8"	2-5/32"	1-11/16"	1.76"
237-S	2-3/8x2-3/8"	2-5/32"	1-7/8"	1.58"
327-T	3x3"	2-1/4"	1-11/16"	2.49"
337-S	3x3"	2-1/4"	1-7/8"	2.

# SIMPSON AND TRIPLETT PANEL METERS

## SIMPSON WIDE-VUE PANEL METERS



New design, featuring extra large meter face for easy visibility from all angles. Neat appearance is further enhanced by newly designed scales, making this meter ideal for new, modern equipment, as well as replacement of older meters. All DC meters listed (except 0.25 and 0.50 DC microammeters) have the Simpson self-shielded Core Magnet. This special movement is not influenced by steel panels or proximity to magnetic fields. Accuracy 2%, except VU meters 5%. Shpg. wt., 1 1/2 lbs. State range and model no. on all orders.

### AC VOLTMETERS

RANGE	RESISTANCE OHMS	1287 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-78	10.00	MU-76	10.73	MU-77	12.35
0-150	25,000	MU-78	11.17	MU-79	11.91	MU-80	12.94
0-300	50,000	MU-81	11.17	MU-82	11.91	MU-83	12.94

### AC AMMETERS — SELF-CONTAINED

RANGE	RESISTANCE OHMS	1287 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	10.58	MU-85	12.49		
0-5	.012	MU-86	10.58	MU-87	12.49		
0-10	.003	MU-88	10.58	MU-89	12.49		
0-15	.0015	MU-90	10.58	MU-91	12.49		
0-25	.0003	MU-92	10.88	MU-93	12.94		
0-50	.0001	MU-94	11.76	MU-95	15.14		

### DC GALVANOMETER

SCALE	SENSITIVITY MICROAMPS	1227 2 1/2"	1 to 9 EACH	1357 3 1/2"	1 to 9 EACH
50-0-50	500-0-500	MU-96	10.58	MU-97	11.17

### DECIBEL METER REFERRED TO 6 MW 500 OHM LINE

Type	Resistance	1347 3 1/2"	1 to 9 EACH	1349 4 1/2"	1 to 9 EACH
General Purpose	5000 ohms	MU-98	16.17	MU-99	17.64

### VU METERS REFERRED TO 1 MW, 600 OHM LINE

Type	Resistance	1347 3 1/2"	1 to 9 EACH
A Scale	-20 + 3 VU on top arc	MU-100	19.40
B Scale	-20 + 3 VU on bot. arc	MU-101	19.40

### 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	11.32	MU-103	11.76	MU-104	12.94
0-15		MU-105	11.32	MU-106	11.76	MU-107	12.94
0-25		MU-108	11.32	MU-109	11.76	MU-110	12.94
0-30		MU-111	11.32	MU-112	11.76	MU-113	12.94
0-50	1000 volt	MU-114	11.32	MU-115	11.76	MU-116	12.94
0-100		MU-117	11.32	MU-118	11.76	MU-119	12.94
0-150		MU-120	11.32	MU-121	11.76	MU-122	12.94
0-300		MU-123	11.32	MU-124	11.76	MU-125	12.94
0-500	2000 volt	MU-126	11.76	MU-127	12.35	MU-128	13.38

### DC AMMETERS — SELF CONTAINED SHUNTS

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
0-1	.050	MU-129	11.17	MU-130	12.35		
0-2	.025	MU-131	11.17	MU-132	12.35		
0-3	.0188	MU-133	11.17	MU-134	12.35		
0-5	.010	MU-135	10.73	MU-136	11.32		
0-10	.005	MU-138	10.73	MU-139	11.17		
0-15	.003	MU-141	11.17	MU-142	12.35		
0-25	.002	MU-143	11.17	MU-144	12.35		
0-50	.001	MU-145	11.17	MU-146	12.35		

### DC MICROAMMETERS

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
0-25	2200	MU-147	17.49	MU-148	18.23	MU-149	20.29
0-50	2000	MU-150	14.99	MU-151	15.43	MU-152	16.76
0-100	2000	MU-153	13.52	MU-154	14.11	MU-155	15.73
0-200	1000	MU-156	11.47	MU-157	12.20	MU-158	13.52
0-500	200	MU-159	11.02	MU-160	11.61	MU-161	12.94
50-0-50	2000	MU-162	13.07	MU-163	14.26	MU-164	16.88

### DC MILLIAMMETER

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	46	MU-165	10.58	MU-166	11.02	MU-167	11.76
0-5	23	MU-168	10.58	MU-169	11.02	MU-170	11.76
0-10	7	MU-171	10.58	MU-172	11.02	MU-173	11.76
0-25	2	MU-174	10.58	MU-175	11.32	MU-176	12.38
0-50	3	MU-177	10.58	MU-178	11.32	MU-179	12.35
0-100	1.5	MU-180	10.58	MU-181	11.32	MU-182	12.35
0-150	1	MU-183	10.58	MU-184	11.32	MU-185	12.35
0-200	1	MU-186	10.58	MU-187	11.32	MU-188	12.35
0-250	.75	MU-191	10.58	MU-189	11.32	MU-190	12.35
0-300	.60	MU-192	10.58	MU-192	11.32	MU-193	12.35
0-500	.30	MU-194	10.58	MU-195	11.32	MU-196	12.35

### DC MILLIVOLTMETER

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
0-50	5	MU-197	10.73	MU-198	11.17	MU-199	12.35

## SIMPSON NEW EDGEWISE PANEL METERS



New modern design saves space and weight — perfect where panel design calls for making every square inch count — these meters require only 1/2 the panel area required by a conventional meter. Features DC accuracy of 2% full scale, 1 1/2" scale length. Has a dustproof, molded lucite case, black numbers on white scale. Panel size 3/4" high, 2 1/2" wide. Depth 3/4", overall height (behind panel) 1 1/2". Shipping wt., 1 lb. State range and model number on all orders.

### DC VOLTMETERS MODEL 1502

RANGE VOLTS	STOCK NO.	1 to 9 EACH
0-50	MU-200	12.38
0-150	MU-201	12.38
0-500	MU-202	12.49

### DC AMMETERS MODEL 1502

RANGE AMPERES	STOCK NO.	1 to 9 EACH
0-5	MU-207	13.08
0-10	MU-208	13.08

### DC MICROAMMETERS MODEL 1502

RANGE MICROAMPERES	STOCK NO.	1 to 9 EACH
0-50	MU-211	17.79
0-100	MU-212	15.73

### DC MILLIAMMETERS MODEL 1502

RANGE MILLIAMPS	STOCK NO.	1 to 9 EACH
0-1	MU-203	12.79
0-10	MU-204	12.79
0-100	MU-205	12.79
0-500	MU-206	12.79

### VU METERS MODEL 1507

RANGE	STOCK NO.	1 to 9 EACH
A scale (-20 + 30 top arc)	MU-209	22.64
B scale (-20 + 30 bot. arc)	MU-210	22.64

### AC VOLTMETERS-RECTIFIER

RANGE	STOCK NO.	1 to 9 EACH
0-150	MU-213	16.46
0-300	MU-214	16.46

## 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%

### DC MICROAMMETERS

RANGE	221-PL 3 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	18.09	MT-917	MT-918	15.58	MT-919	16.17
0-100	MT-920	MT-921	13.23	MT-922	MT-923	13.72	MT-924	14.31
0-300	MT-925	MT-926	11.37	MT-927	MT-928	11.96	MT-929	12.54

### DC MILLIAMMETERS

RANGE	MT-930	MT-931	10.19	MT-932	MT-933	10.78	MT-934	11.37
0-1	MT-930	MT-931	10.19	MT-932	MT-933	10.78	MT-934	11.37
0-5	MT-935	MT-936	10.58	MT-937	MT-938	11.17	MT-939	11.76
0-25	MT-940	MT-941	10.58	MT-942	MT-943	11.17	MT-944	11.76
0-100	MT-945	MT-946	10.58	MT-947	MT-948	11.17	MT-949	11.76
0-150	MT-950	MT-951	10.58	MT-952	MT-953	11.17	MT-954	11.76
0-200	MT-955	MT-956	10.58	MT-957	MT-958	11.17	MT-959	11.76
0-300	MT-960	MT-961	10.58	MT-962	MT-963	11.17	MT-964	11.76
0-500	MT-965	MT-966	10.58	MT-967	MT-968	11.17	MT-969	11.76
	MT-970	MT-971	10.58	MT-972	MT-973	11.17	MT-974	11.76

### DC AMMETERS

RANGE	MT-975	MT-976	10.98	MT-977	MT-978	11.47	MT-979	12.05
0-5	MT-975	MT-976	10.98	MT-977	MT-978	11.47	MT-979	12.05
0-10	MT-980	MT-981	10.98	MT-982	MT-983	11.47	MT-984	12.05
0-25	MT-985	MT-986	10.98	MT-987	MT-988	11.47	MT-989	12.05
0-50	MT-990	MT-991	10.98	MT-992	MT-993	11.47		

### DC VOLTMETERS

#### 1000 ohms per volt — Film-Type Multiplier Resistors

RANGE	MT-994	MT-995	10.08	MT-996	MT-997	11.47	MT-998	12.05
0-50	MT-994	MT-995	10.08	MT-996	MT-997	11.47	MT-998	12.05

### AC MILLIAMMETERS

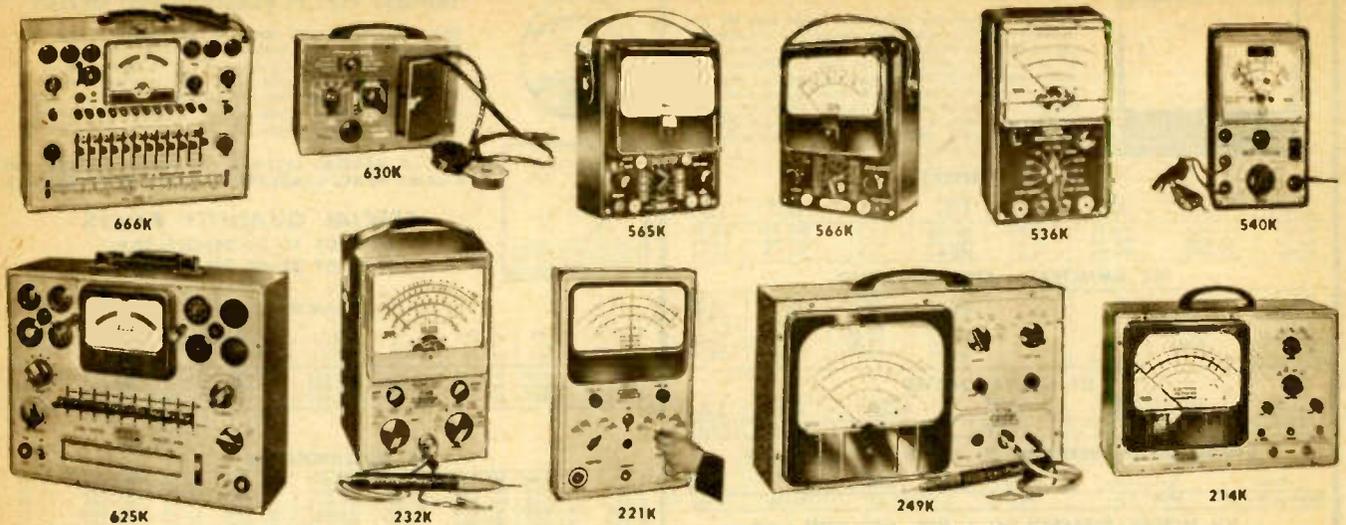
RANGE	231-PL 3 1/2" ROUND	237-PL 2 1/2" RECT.	1 to 9 EACH	331-PL 3 1/2" ROUND	337-PL 3" RECT.	1 to 9 EACH	430-PL 4 1/2" RECT.	1 to 9 EACH
0-100	MT-999	MU-10	10.19	MU-11	MU-12	10.78	MU-13	11.37

### DC AMMETERS

RANGE	MU-14	MU-15	10.19	MU-16	MU-17	10.78	MU-18	11.37
0-5	MU-14	MU-15	10.19	MU-16	MU-17	10.78	MU-18	11.37
0-10	MU-19	MU-20	10.19	MU-21	MU-22	10.78	MU-23	11.37
0-25	MU-24	MU-25	10.19	MU-26	MU-27	10.78	MU-28	11.37
0-50	MU-29	MU-30	10.19	MU-31	MU-32	10.78	MU-33	11.37

### AC VOLTMETERS

RANGE	MU-34	MU-35	10.19
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## NEW! 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  $\mu$  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 ..... 7.00 DOWN ..... Net 69.95  
Model 666. As above, but factory wired and tested.  
TE-152WX ..... 11.00 DOWN ..... 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 ..... 5.00 DOWN ..... Net 34.95  
Model 625. As above, but factory wired and tested.  
TE-154 ..... 5.00 DOWN ..... 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 ..... 5.00 DOWN ..... Net 44.95  
Model 625C. As above, but factory wired and tested.  
TE-157 ..... 6.00 DOWN ..... Net 59.95

## MODEL 630K CATHODE RAY TUBE CHECKER KIT

Engineered for fast, easy, dependable testing of all sizes TV picture and oscilloscope type CR tubes right in the set or carton. Balanced bridge measurement of peak beam current (proportional to screen brightness) using neon lamp as sensitive balance indicator. Also indicates shorted or open elements. Two test sockets for duo-decal (12-pin) and di-heptal (14-pin) tubes are supplied, each with 2 1/2 ft. of cable. All components and instructions supplied. For 105-125 v. 50-60 cycles. Size: 6 1/2" x 9 1/2" x 3". Shpg. wt., 6 lbs.

TE-158 ..... Net 13.95  
Model 630. As above, but factory wired and tested.  
TE-159 ..... Net 18.95

## MODEL CRA PICTURE TUBE ADAPTER

Model CRA. Adapts #625 and #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 ..... Net 4.50

## MODEL 565K MULTIMETER

Large 4 1/2" meter features sensitivity: DC—20K ohms/V.; AC—1Kohm/v. Totals 31 ranges—AC/DC volts: 0-2.5-10-50-250-1000-5000. DC current: 0-100  $\mu$ a. 0-10-100-500 m.a. and 0-10 amp. Ohms: 0-2K-200K-20 meg. DB.—12 to +55 in 5 ranges. All components and instructions provided. 6 3/4" x 5 1/4" x 3". Shpg. wt., 4 lbs.

TE-161 Kit ..... 5.00 DOWN ..... Net 24.95  
Model 565. As above, but factory wired and tested.  
TE-162 ..... 5.00 DOWN ..... Net 29.95  
Model 555K. Same as 565K but with 1% resistors.  
TE-163 ..... 5.00 DOWN ..... Net 29.95  
Model 555. As above, but factory wired and tested.  
TE-164 ..... 5.00 DOWN ..... Net 34.95

## 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 amp. Ohms: 0-5K-100K-1 meg. DB.—20 to +69 in 6 ranges. All components and instructions supplied. 6 1/2" 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 18.95  
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: 0-5K-100K-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 14.90  
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 16.90

## NEW! 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 CRA-110 TV PICTURE TUBE ADAPTER

TE-175—Same as CRA except for 110° deflection TV picture tubes (wired only) Shpg. wt., 2 lbs. Net 3.95

## MODEL 232K PEAK-TO-PEAK VACUUM TUBE VOLTMETER

A precision unit with advanced engineering features. 11M $\Omega$  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 meg. 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 ..... 5.00 DOWN ..... Net 29.95  
Model 232. As above, but factory wired and tested.  
TE-177 ..... 5.00 DOWN ..... 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 ..... 5.00 DOWN ..... Net 39.95  
Model 249. As above, but factory wired and tested.  
TE-179 ..... 6.00 DOWN ..... Net 59.95

## MODEL 221K VTVM

A precision VTVM for fast operation and lifetime dependable service. 4 1/2" meter, can't burn out circuit. New zero center. Totals 15 ranges—AC/DC volts: 0-5-10-100-500-1000 v. (30,000 volts and 200 MC with HVP-1 and P-75 probes). Ohms: 0-1K ohms, 0-1-10-100-1000 megohm. DB.—20 to +55 in 5 ranges. New stable double triode balanced bridge circuit—25 meg $\Omega$  DC input impedance. 115v., 60 cycle. 9-1/16" x 6" x 5". Includes all parts and tubes and instructions. Shpg. wt., 10 lbs.

TE-180 Kit ..... 5.00 DOWN ..... Net 25.95  
Model 221. As above, but factory wired and tested.  
TE-181 ..... 5.00 DOWN ..... Net 39.95

## MODEL 214K DELUXE VTVM KIT

Same as model 221 except it uses 7 1/2" meter. 13 1/4" x 9" x 6". Shpg. wt., 11 lbs.

TE-182 Kit ..... 5.00 DOWN ..... Net 34.95  
Model 214. As above, but factory wired and tested.  
TE-183 ..... 5.50 DOWN ..... Net 54.95

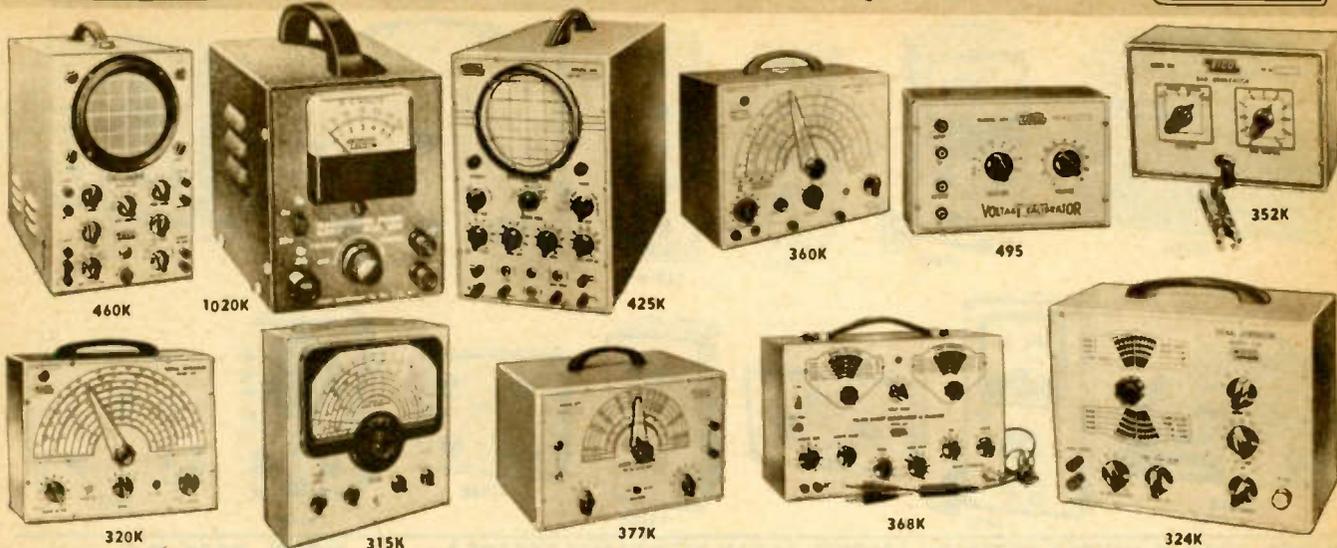
## VTVM PROBE KITS

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 3.75  
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 3.75  
TE-191. PRF25. As above, but factory wired ..... Net 4.95

TE-192 HVP2. High Voltage Probe, reads up to 30,000 v wired and tested. Specify VTVM model number to be used with ..... 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 DC to 4.5 mc, useful to 10 MC, ideal for reproduction of 3.58 mc color TV sync. burst, 4 step free-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 100 Kcps with external capacitor for 10-freq. sweeps. Pre-set TV V & H sweep positions (30 and 7875 cps). Variably III 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 ..... 8.00 Down ..... Net 79.95  
Model 460. As above, but factory wired and tested.  
TE-223WX ..... 13.00 Down ..... Net 129.50

## MODEL 1020K TRANSISTORIZED POWER & BIAS SUPPLY

Highly versatile, stable and reliable. A completely transistorized, very low ripple, portable DC power and bias supply providing continuously variable output voltage. 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%. A universal power supply for operating transistor radios, hearing aids, preamps, instruments, etc. Shpg. wt., 4 1/2" lbs.

TE-224 Kit ..... 5.00 Down ..... Net 19.95  
Model 1020. As above, but factory wired and tested.  
TE-225 ..... 5.00 Down ..... Net 27.95

## 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 75,000 cps. External sync input. Direct connection to CRT plates. 6.3V line test signal output. 1 meg input impedance. Intensity modulation. Tubes: 3-65N7, 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 ..... 5.00 Down ..... Net 44.95  
Model 425. As above, but factory wired and tested.  
TE-227WX ..... 8.00 Down ..... Net 79.95

## SCOPE ACCESSORY PROBES

Features: fully shielded rugged terminal board mounting of all parts. Shock-mounted flanging construction, with swivel action and color-coded for easy identification. Shpg. wt., 5 oz.

TE-228 PSD-K. Demodulator Probe Kit ..... Net 3.75  
TE-229 PSD. —As above, but factory wired ..... Net 5.75  
TE-230 PD-K. —Direct Probe Kit ..... Net 2.75  
TE-231 PD. —As above, but factory wired ..... Net 3.95  
TE-232 PLC-K. —Low Capacity Probe Kit ..... Net 3.75  
TE-233 PLC. —As above, but factory wired ..... Net 5.75

## NEW! MODEL 368K TV-FM SWEEP GENERATOR AND MARKER

An excellent unit of its type; it features an all electronic sweep, 5 ranges, from 3 mc to 216 mc. Output impedance: 50 ohms. Variable Frequency Marker: 2 ranges 3-75 mc in Fundamentals, to 225 mc in Harmonics. Fixed Frequency Marker. Crystal oscillator using 4.5 mc crystal included with kit. External marker can be used. Sweep width is variable from 0-30 mc. Also continuously variable attenuator and retrace blanking. AGC circuit gives extremely flat RF output. Edge-lit hairlines give exceptional tuning accuracy. All components and instructions provided. For 105-125 volts AC, 50/60 cps. Size 8 1/2 x 13 1/2 x 7 1/4". Shpg. wt., 16 lbs.

TE-234 WX Kit ..... 7.00 Down ..... Net 69.95  
Model 368. As above, but factory wired and tested.  
TE-235 WX ..... 12.00 Down ..... Net 119.95

## MODEL 495K VOLTAGE CALIBRATOR

Enables your scope to measure P-P voltage by comparison method. Semi-Square wave 60 cps output. Decade attenuator using 1% resistors. Ranges: 0-1—10—100 volt p-p, each of which is accurate  $\pm$  5% of full scale. Output variable from 0 to 100 volts. Regulated power supply. Size 5 x 7 3/4 x 4". Shpg. wt., 4 lbs.

TE-236 Kit ..... 8.00 Down ..... Net 12.95  
Model 495. As above, but factory wired and tested.  
TE-237 ..... 12.00 Down ..... Net 17.95

## 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 1/4". For 110-120V, 60 cycles AC. Shpg. wt., 10 lbs.

TE-238 Kit ..... 5.00 Down ..... Net 19.95  
Model 320. As above, but factory wired and tested.  
TE-239 ..... 5.00 Down ..... Net 29.95  
Model 322K. Similar kit to Model 320K except with individual calibration of each of the 5 bands.  
TE-240 ..... 5.00 Down ..... Net 23.95  
Model 322. As above, but factory wired and tested.  
TE-241 ..... 5.00 Down ..... Net 34.95

## 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  $\pm$  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 microwatts. AF output up to 10 volts. Output impedance is 50 ohms. For 105-125V. AC 50/60 cps. Size: 8 x 10 x 4 1/4". Shpg. wt., 10 lbs.

TE-242 Kit ..... 5.00 Down ..... Net 26.95  
Model 324. As above, but factory wired and tested.  
TE-243 ..... 5.00 Down ..... Net 39.95

## 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 linearity. 12 horizontal bars to check VERT linearity. Shows picture size and V & H sync circuit stability. Output: 100,000  $\mu$ v. 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 ..... 5.00 Down ..... 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 panel, parts, schematic and pictorial diagrams. Less crystal. Shpg. wt., 12 lbs.

TE-246 Kit ..... 5.00 Down ..... Net 34.95  
Model 360. As above, but factory wired and tested.  
TE-247 ..... 5.00 Down ..... 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  $\mu$ v. Attenuator provided. Bandspeed 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-248WX Kit ..... 5.00 Down ..... Net 39.95  
Model 315. As above, but factory wired and tested.  
TE-249WX ..... 6.00 Down ..... Net 59.95

## MODEL 377K AUDIO GENERATOR

Wien 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  $\pm$  1.5 db, 60-150,000 cps. Distortion less than 1%. Hum less than 0.4%. Accuracy  $\pm$  3%. K-follower output of 10V across 1000 ohms rated load (100mw). Size: 7 1/2 x 11 1/2 x 7 1/2". Shpg. wt., 14 lbs.

TE-250 Kit ..... 5.00 Down ..... Net 31.95  
Model 377. As above, but factory wired and tested.  
TE-251 ..... 5.00 Down ..... Net 49.95

## SMC 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



1060K



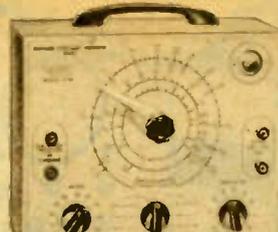
944K



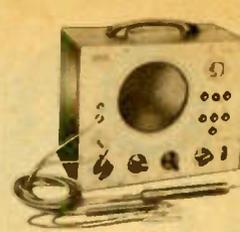
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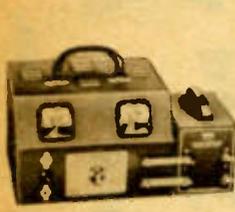
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950K



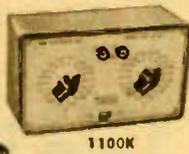
147AK



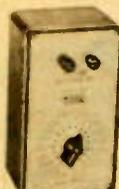
1055K



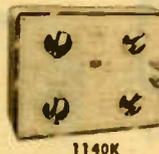
584K



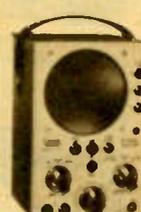
1100K



1120K



1140K



145AK



488K

## 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 transformers 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.  $8\frac{3}{4} \times 10\frac{1}{2} \times 7\frac{1}{2}$ ". Shpg. wt., 19 lbs.

TE-193 Kit ..... 5.00 Down ..... Net 38.95  
Model 1060. As above, but factory wired and tested.  
TE-194 ..... 5.00 Down ..... 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.  $8\frac{3}{4} \times 10\frac{1}{2} \times 7\frac{1}{2}$ ". Shpg. wt., 15 lbs.

TE-195 Kit ..... 5.00 Down ..... Net 29.95  
Model 1050. As above, but factory wired and tested.  
TE-196 ..... 5.00 Down ..... Net 38.95  
Model 1055K—An L-C filter gives additional filtering for #1050K or similar unit. Size  $5 \times 4 \times 5\frac{1}{4}$ ". Shpg. wt., 7 lbs.  
TE-198 Kit ..... Net 11.95  
Model 1055. As above, but factory wired and tested.  
TE-199 ..... Net 15.95

## 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.  $6\frac{1}{2} \times 3\frac{3}{4} \times 2$ ". Shpg. wt., 2 lbs.

TE-200 Kit ..... Net 9.95  
Model 584. As above, but factory wired and tested.  
TE-201 ..... Net 12.95

## 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  $4\frac{1}{2}$ " meter. 3 separate colored scales. Tests continuity of yokes, coils, speakers, switches, etc. New compact size for extra easy portability — Kit comes complete with instructions. Tube complement 1—6K6. Size  $7 \times 5 \times 4$ ". For 105-125 volts AC 50/60 cps. Shpg. wt., 5 lbs.

TE-202 Kit ..... 5.00 Down ..... Net 23.95  
Model 944. As above, but factory wired and tested.  
TE-203 ..... 5.00 Down ..... 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  $\frac{1}{2}\%$  accurate 1 watt resistors. Quality switches. Rugged, trouble-free constructions. Smart professional styling — satin finish deep-etched aluminum panel, grey wrinkled steel case. Size  $12" \times 1\frac{3}{4}" \times 3"$  D. Shpg. wt., 3 lbs.

TE-204 Kit ..... 5.00 Down ..... Net 19.95  
Model 1171. As above, but factory wired and tested.  
TE-205 ..... 5.00 Down ..... Net 24.94

## 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. Freq. resp. 0-30,000 cps usable to 300,000 cps. All components and instructions supplied. For 105-125 V 50-60 cycles.  $6 \times 8 \times 6$ ". Shpg. wt., 7 lbs.

TE-206 Kit ..... 5.00 Down ..... Net 23.95  
Model 488. As above, but factory wired and tested.  
TE-207 ..... 5.00 Down ..... Net 39.95

## 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:  $3\frac{1}{2} \times 4\frac{1}{2} \times 3\frac{1}{2}$ ". Shpg. Wt., 2 lbs.

TE-208 Kit ..... Net 5.95  
Model 1100. As above, but factory wired and tested.  
TE-209 ..... Net 9.95

## MODEL 145AK SIGNAL TRACER

A compact instrument with complete facilities. Essentially same as #147A with eye tube and wattmeter omitted. Features high gain RF and low gain audio channels. Shielded RF crystal demodulator and direct probes provided. Also valuable noise locator circuit. Output for VTVM or scope. May be connected as substitute speaker, amplifier or output transformer. Low noise and hum level. Tubes: 1-12AX7, 1-6AQ5, 1-6X4. All components and instructions included. For 105-125 volts 50/60 cycles. Size  $8 \times 10 \times 4\frac{1}{4}$ ". Shpg. wt., 11 lbs.

TE-210 Kit ..... 5.00 Down ..... Net 19.95  
Model 145A. As above, but factory wired and tested.  
TE-211 ..... 5.00 Down ..... Net 28.95

## 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.  
TE-213 ..... 5.00 Down ..... 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 meg resistance (4 ranges), 10 mmdf — 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:  $8" \times 10" \times 4\frac{1}{2}"$ . Shpg. wt., 8 lbs.

TE-214 Kit ..... 5.00 Down ..... Net 19.95  
Model 950. As above, but factory wired and tested.  
TE-215 ..... 5.00 Down ..... Net 29.95

## 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.  $8 \times 10 \times 4\frac{1}{4}"$ . Shpg. wt., 11 lbs.

TE-216 Kit ..... 5.00 Down ..... Net 24.95  
Model 147A. As above, but factory wired and tested.  
TE-217 ..... 5.00 Down ..... Net 39.95

## MODEL 1120K RETMA CAPACITANCE SUBSTITUTION BOX

Ideal equipment for development, design, 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:  $3\frac{3}{4} \times 6\frac{1}{2} \times 3\frac{1}{2}"$ . Shpg. wt., 2 lbs.

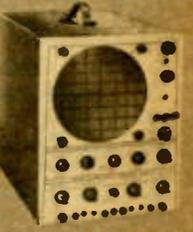
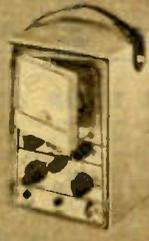
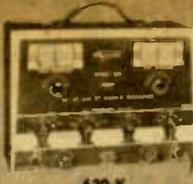
TE-218 Kit ..... Net 5.95  
Model 1120. As above, but factory wired and tested.  
TE-219 ..... Net 9.95

## MODEL 1180K CAPACITANCE DECADE

Ideal for general design and development work. 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:  $9" \times 1\frac{3}{4}" \times 3"$  D. Shpg. wt., 3 lbs.

TE-220 Kit ..... Net 14.95  
Model 1180. As above, but factory wired and tested.  
TE-221 ..... 5.00 Down ..... Net 19.95

# precise



## 111-K TUBE TESTER KIT

A truly outstanding engineering achievement in a tube tester kit! The specialized tube gets tested for its specialty as well as generally. Latest type anti-backlash roll chart indicates the most important single test for normal applications. Tests all receiving and cathode ray tubes for both emission and mutual conductance. Filament current and tube bias of conventional and series filament tubes are measured directly on the meter. Features rotary type switches to cover all tube elements, gas check, and ultra-convenient single switch short check. Has spare switch for future tube types. Rugged steel cabinet with deeply etched aluminum panel. 3-color, step-by-step instruction manual. For 110-120V, 60 cycle AC. 14" x 16" x 6". Shpg. wt., 25 lbs.

- TE-415 WX ..... 8.00 Down ..... Net 79.95
- Model 111W. As above, but factory wired.
- TE-416 WX ..... 14.00 Down ..... Net 139.95
- TE-417 PTA-K CRT ADAPTER KIT ..... 1 lb. Net 2.95
- TE-418 PTA-W CRT ADAPTER WIREDO ..... 1 lb. Net 4.25

## 116-K TUBE AND TRANSISTOR TESTER KIT

Model 116 makes tube testing foolproof by checking mutual conductance, emission, gas and element shorting with incomparable speed and accuracy. Actually checks 5 similar tubes in 20 seconds - 4 seconds per tube! Function switch facilitates checking individual sections of multisection tubes. By testing a power tube for emission and an IF tube for mutual conductance, etc., you get a true indication of how good the tube will be in the job it will normally have to perform. Only 3 basic knobs. Cover chart lists all tubes including new 600 mc. series-string types. Checks P-N-P & N-P-N transistors. Attractive, rugged metal case covered wood carrying case, etched panel with easy, step-by-step instructions. 7 1/2" x 16 1/2" x 1 1/2". For 110-120 volts, 60 cycles AC. Shpg. wt., 20 lbs.

- TE-419WX ..... 7.00 Down ..... Net 69.95
- Model 116W. As above, but factory wired.
- TE-420WX ..... 12.00 Down ..... Net 119.95

## MODEL 630-KA RF-AF-TV MARKER GENERATOR KIT

Features coverage to 110 Mc on fundamentals, 330 Mc on harmonics. With factory assembled and calibrated RF Head. Wien Bridge AF oscillator with 20-20,000 cps range. Has external modulation provisions, speech amplifier, crystal marker, constant output impedance, stepping attenuator, vernier tuning, individually tuned coils, complete shielding. Etched panel, steel cabinet, genuine leather handle. For 110-120 volts, 60 cycle AC. 8" x 11" x 5". Shpg. wt., 11 lbs.

- TE-421 ..... 5.00 Down ..... Net 38.95
- TE-422. Model 630-K. As above, except RF head is not factory assembled. 5.00 Down ..... Net 33.95
- Model 630-W. As above, but factory wired.
- TE-423 ..... 5.40 Down ..... Net 53.95

## PRECISE PROBES

- Model 999 HV PROBE. Changeable tips. Shock-proof, multi-insulation, swivel mount.
- TE-430 Shpg. wt., 2 lbs. Net 6.98
  - Model 960 - 10 to 1 CAPACITY ATTENUATOR PROBE. Thru 100 mc; less than 7 mfd. input. Net 5.95
  - TE-431 Shpg. wt., 2 lbs. Net 5.95
  - Model 912A. RF PROBE. For VTVM, VOM, Scopes, to 250 Mc. For Amphenol-type connector. Net 4.25
  - TE-432 ..... Net 4.25
  - Model 912 P. As above, for phono plug con. 1 lb. 4.25
  - TE-433 912 T. As above, for phono tip con. 1 lb. 4.25
  - TE-434 912 Y. As above, for phono tip con. 1 lb. 4.25

TEST EQUIPMENT

## 3151-K OSCILLOSCOPE KIT

An economical scope kit with vertical amplifier response beyond nine megacycles and flat to 5 megacycles. Ideal for color television and other high frequency uses. Features push-pull output stages in both vertical and horizontal amplifiers. Vertical sensitivity 10 millivolts per centimeter. (approx 25 mv/inch). SCPI Cathode ray tube with postacceleration. Frequency compensated stepping attenuators for both vertical and horizontal amplifiers. Horizontal amplifier response is to 500Kc within 6 db. Cathode follower assures linear trace. Horizontal sensitivity is 40 mv per CM. Has Focus, Intensity and Astigmatism controls, calibration voltage on panel. Etched panel, steel cabinet. Shpg. wt., 30 lbs.

- TE-424WX ..... 6.00 Down ..... Net 59.95
- Model 3151-W. As above, but factory wired.
- TE-425WX ..... 11.00 Down ..... Net 109.95

## MODEL 9071-K VTVM KIT

Rugged, industrial type VTVM with oversize 7 1/2" meter for better visibility and greater accuracy. Features voltage regulation and 1% ceramic resistors for outstanding stability and accuracy. Has burn-out proof circuit. Special zero center scale for alignment of FM detectors. Separate 5 volt AC scale for accuracy on low voltages. Ranges-Volts AC and DC: 0-5-25-250-500-1000 with 25 megohm input impedance on DC. Measures both positive and negative DC voltages. Ohms: RX1, RX10, RX1K, RX10K, RX1 megohm, covering .2 ohms to 1000 megohms. DBs from -20 to +55. Deeply etched panel, with raised numerals, steel cabinet. Complete with test leads, internal battery and specially prepared 3 color instruction book that explains each step and gives its purpose. 110-120 volts AC. Size: 12" x 8 1/2" x 5". Shpg. wt., 11 lbs.

- TE-426 ..... 5.00 Down ..... Net 35.95
- Model 9071-W. As above, but factory wired.
- TE-427 ..... 5.00 Down ..... Net 49.95

## MODEL 909-K VTVM KIT

Features special true zero alignment scale for FM & TV discriminators. Has burn-out proof circuit. Provides 4 1/2" meter. Ceramic precision resistors of 1% or better are used. Frequency range to 250 megacycles with PRECISE Model 912 Probe. Voltage ranges:  $\pm$ DC: 0-5-25-250-500-1000 V; AC: 0-5-25-250-500-1000 V. Ohms range to 1 megohm. DB from -20 to +55. 25 megohm input impedance on DC. Complete with test leads and internal battery, and specially prepared 3-color SPEED instruction books. For 105-120 V., 50/60 cycles, AC. Size: 9 1/2" x 6" x 5". Shpg. wt., 10 lbs.

- TE-445 ..... 5.00 Down ..... Net 25.95
- Model 909W. As above but factory wired.
- TE-446 ..... 5.00 Down ..... Net 37.50

## MODEL 635-K AF GENERATOR KIT

Universal audio frequency generator for sine waves, square waves or pulses. Uses 5 tubes plus 650 variable resistance bulb for a really efficient circuit. A full wave transformer type power supply with multi-filtering supplies DC operating voltage. All calibration circuit resistors are 1% tolerance ceramic types. Ranges: 20-40 cps, 40-200 cps, 700-2000 cps, 2000-20,000 cps, 20,000-200,000 cps. Negligible overshoot and roundoff on square waves and pulses to 50,000 cps. Truly a rugged instrument.

A Wien bridge sine wave generator with variable resistance stabilizing feeds the signal into an amplifier, followed by three stages of clipping. Two cathode followers are used to provide a variable output signal, and to completely isolate the oscillator. Shpg. wt., 15 lbs.

- TE-428 ..... 5.00 Down ..... Net 33.50
- Model 635-W. As above, but factory wired.
- TE-429 ..... 5.25 Down ..... Net 52.50

## MODEL 904-K VTVM KIT

Brand new peak-to-peak VTVM kit featuring a tilt-top meter which tilts up, down or sideways for easy visibility and parallax correction. Uses ceramic precision resistors for extra accuracy. Also features "Lead Magician" switch which allows leads to be shorted for zeroing meter, or opened for infinite Adjust without disconnecting from circuit. Regulation of B- and B+ voltages for stability. Etched circuit board simplifies construction. Measures AC voltages to 250 MC using Model 999 high voltage probe. Special zero center scale for FM and TV detector adjustment. 11 megohm input impedance on DC. Ranges - AC Volts: 0-1.5-5-15-50-150-500-1500 RMS or 0-4-14-40-140-400-1400-4000 peak-to-peak, DC Volts: 1.5-5-15-50-150-500-1500. Ohms: RX1, RX10, RX100, RX1K, RX10K, RX100K, RX1 meg. Supplied with test leads, Clear 4 1/2" plastic meter, deeply etched panel, attractive steel cabinet. Size: 9 1/2" x 6" x 5". Shpg. wt., 10 lbs.

- TE-435 ..... 5.00 Down ..... Net 34.95
- Model 904-W. As above, but factory wired.
- TE-436 ..... 5.00 Down ..... Net 49.95

## 300-K 7" SCOPE KIT

FOR COLOR & BLACK & WHITE  
An expertly engineered 7" scope kit. Vertical amplifier flat  $\pm$  3 db through 5 megacycles with sensitivity of 3.94 millivolts per centimeter. Frequency compensated vertical and horizontal stepping attenuators. Vertical amplifiers push-pull from input to output. Horizontal output also push-pull. Includes built-in modulation amplifier for Z-axis display. Internal and external blanking, 60 or 120 cycle internal synchronization. Sweep rate to 80 Kc. Electronic magnifier magnifies any part of a signal up to 10X. Square wave calibrator. Has 3 outputs on front panel plus Gate, Sawtooth, 60 cycle phasing. High quality low-loss components throughout. Aluminum panel, 11" x 14" x 17" steel cabinet, edge illuminated screen. Complete with all parts and instruction manual. For 110-120 volts, 60 cycles AC. Shpg. wt., 35 lbs.

- TE-437 WX ..... 10.00 Down ..... Net 99.95
- Model 300-W. As above, but factory wired.
- TE-438 WX ..... 20.00 Down ..... Net 199.50

## 308-K 8 1/2" SCOPE KIT

FOR COLOR & BLACK & WHITE  
A super scope kit with many special features: Magnifier permits extra detailed waveform analysis, vertical bandwidth from DC to 5 MC  $\pm$  1 1/2 db, sensitivity 10 millivolts, return trace elliminator, push-pull input for internal mixing. Horizontal sweep from 1 cycle to 80 kc, square wave calibrator, edge illuminated scale and green filtered screen. Includes internal blanking circuits. Z modulation through internal amplifier. Special low-loss components. Steel cabinet with deeply etched panel, 11" x 14" x 19". Complete with instruction manual and all parts. Shpg. wt., 36 lbs.

- TE-439 WX ..... 12.95 Down ..... Net 129.50
- Model 308-W. As above, but factory wired.
- TE-440 WX ..... 22.95 Down ..... Net 229.50

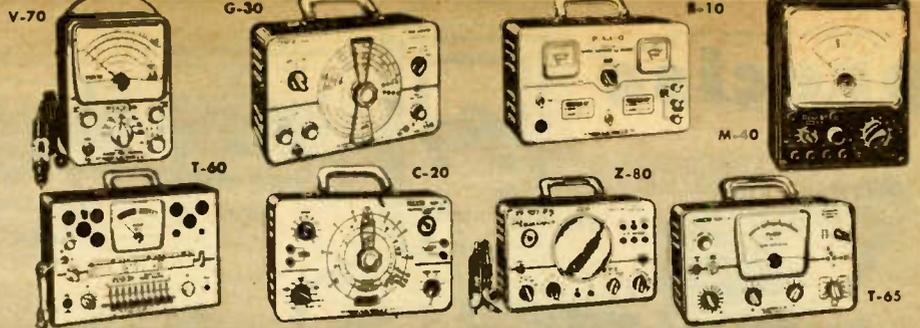
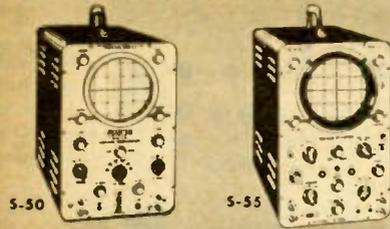
## 711-K POWER-LAB KIT

Combination AC-DC power supply, AC line wattmeter, ammeter and voltmeter. AC line isolation transformer and Variac furnish 90-140 volts, 1 amp, 100 watts continuous for TV and portable radio checking. DC high voltage supply provides 110-180 v., .075 amp continuous, 1 amp max. Low voltage DC supply provides 0-30 volts up to 10 amps, continuous. AC low voltage supply gives 0-24 volts at 20 amperes. Meter measures to 1000 volts. 12" x 8 1/2" x 5 1/2". For 110-120 volts, 60 cycle AC. Shpg. wt., 22 lbs.

- TE-441 ..... 5.00 Down ..... Net 49.95
- Model 711-W. As above, but factory wired.
- TE-442 ..... 6.50 Down ..... Net 64.95
- Model 713-K-KH. With 300 Watt isolation transformer.
- TE-443WX. Shpg. wt., 15 lbs. 6.30 Down ..... Net 62.95
- Model 713-W. Same as above, but factory wired.
- TE-444WX ..... 8.00 Down ..... Net 79.95

ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# PACO TEST EQUIPMENT KITS



## MODEL V-70 VACUUM TUBE VOLTMETER 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 7 1/4 x 5 1/4 x 4 1/4". Complete with all parts and instructions. Shpg. wt., 6 lbs.

TE-455 ..... 5.00 Down ..... Net 31.50

Model V-70W, as above, but factory wired.

TE-456 Shpg. wt., 8 lbs. 5.00 Down ..... Net 47.50

TE-457. AV-1 HF Crystal Probe for above 1 lb. Net 5.95

AV-2 High Voltage Safety Probe. Permits reading up to 60,000 V. Shpg. wt., 1 lb. Net 5.95

## MODEL C-20 RESISTANCE-CAPACITY-RATIO BRIDGE KIT

Capacity Ranges from 10 mmfd to 2000 mfd. Resistance Ranges from .5 ohms to 200 megohms. Radio test ranges from .05 to 20. Tests leakage of mica, paper, and electrolytic capacitors. In attractive, ripple finished steel cabinet and easy-reading 2 color panel. Dimensions: 7 x 11 1/4 x 5". Complete with all parts and step-by-step instructions. Shpg. wt., 9 lbs.

TE-459 ..... 5.00 Down ..... Net 20.95

Model C-20W, as above, but factory wired.

TE-460 ..... 5.00 Down ..... Net 31.50

## MODEL T-65 TRANSISTOR TESTER KIT

A must for the modern electronic lab. Provides comprehensive tests on all transistors including the new tetraode transistors, and diodes. 5 1/2", 100  $\mu$  amp meter. Direct reading of  $\beta$  in 5 ranges. Collector supply, 0.5 to 100 VDC in 17 steps. Also reads gain with 5 separate injection currents; leakage tests. Provision for future semiconductor releases. In handsome steel cabinet. Complete with all parts and instruction manual for easy assembly. 7 x 11 1/4 x 5". For 110-120 v, 50/60 cps. Shpg. wt., 8 lbs.

TE-461 ..... 5.00 Down ..... Net 39.95

Model T-65W, as above, but factory wired.

TE-462 ..... 5.95 Down ..... Net 59.50

## MODEL B-10 BATTERY ELIMINATOR KIT

Special Low-Ripple output designed to power modern transistor circuits and automobile "hybrid" receivers (tube and transistor). Both 6 and 12 volt outputs. Automatic overload protection. Continuously variable voltage output. Doubles as ideal battery charger. In heavy-duty louvred steel cabinet and two color panel. Dimensions: 7 x 11 1/4 x 6 1/4". Complete with easy step-by-step instructions. Shpg. wt., 21 lbs.

TE-463WX ..... 5.00 Down ..... Net 41.95

Model B-10W, as above, but factory wired.

TE-464WX ..... 5.00 Down ..... Net 49.50



## SECO MODEL GCT-8 GRID CIRCUIT TUBE TESTER

Here's the perfect companion unit to use with any tube tester. Quickly spots grid errors and leakage—checks critical "control grid" condition of the vacuum tube faster than any other tester. As many as 11 simultaneous checks—automatically. Eliminates guessing, substitution checking—and costly call-backs. Electron-eye tube indicates following faults at a glance: Control Grid Emission, Grid-to-cathode shorts, gaseous condition, cathode-to-heater shorts, grid-to-plate shorts, plate-to-heater shorts, grid-to-screen shorts, screen-to-heater shorts, etc. Has 12AU7 cascade amplifier, 6AF6G indicator, filament selector switch for 2V to 12V tubes, 10 prewired sockets. Portable. Size 6 1/2" x 2 1/2" x 6 1/4". Operates 105-115 V AC, 60 cycle. Shpg. wt., 4 lbs.

TE-496 Wired ..... 5.00 Down ..... Net 29.35

## MODEL T-60 TUBE TESTER KIT

Tests all AM-FM-TV Tubes including new series string type Free-point lever element selector system. Extra-large 4 1/2" acrylic cased meter by PACE. Illuminated, high speed, brass-gear, 3 column roll chart. In rugged attractively finished cabinet. Two color panel with contrasting knobs. Size 10 1/2 x 15 1/4 x 4 1/4". Complete with all parts, and step-by-step instructions. Shpg. wt., 11 lbs.

TE-465 ..... 5.00 Down ..... Net 38.75

Model T-60W, as above, but factory wired.

TE-466 ..... 5.45 Down ..... Net 54.40

## ACCESSORIES FOR MODEL T-60

TE-467. AT-1 Pix Tube Adapter Cable 2 lbs. Net 4.50

TE-468. AT-2 110° Pix Tube Adapter 2 lbs. Net 4.50

TE-469. AT-3 Portable Case Cover Kit 3 lbs. Net 3.95

## 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  $\mu$ v RF; Up to 15 v, 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 7 x 11 1/4 x 5". For 117 v, 50/60 cps. Shpg. wt., 9 lbs.

TE-470 ..... 5.00 Down ..... Net 28.50

Model G-30W, as above, but factory wired.

TE-471 ..... 5.00 Down ..... Net 39.95

Model G-30-PC. Same as above, but with the entire "front end" tuned circuit pre-calibrated and pre-wired.

TE-472 ..... 5.00 Down ..... Net 35.50

## 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: 11 1/4 x 7 x 5". For 117 v, 50/60 cps.

TE-473 Shpg. wt., 10 lbs. 5.00 Down ..... Net 29.50

Model Z-80W, as above, but factory wired.

TE-474 Shpg. wt., 12 lbs. 5.00 Down ..... Net 42.50

## SPRAGUE TELOHMIKE TO-5 CAPACITOR ANALYZER



A moderately priced instrument for complete analysis of all types of capacitors at a guaranteed accuracy of  $\pm 3\%$  for values to 200 mfd and  $\pm 5\%$  from 200 mfd up. Capacitance bridge measures capacity in five ranges from 1 mmf 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. Push-buttons 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 1/4" x 14 1/4" x 6 1/4". Shpg. wt., 18 lbs. with manual and test leads for 115 V AC/50-60 cycles.

TE-490WX ..... 8.39 Down ..... Net 83.90

TO-5K, for 115-230VAC/25-60 cycles.

TE-491WX Shpg. wt., 18 lbs. 8.99 Down ..... Net 89.90

TO-5RM, same as TO-5, for rack mounts.

TE-492WX Shpg. wt., 18 lbs. 9.39 Down ..... Net 93.90

## MODEL S-50 5" OSCILLOSCOPE KIT

Push-Pull vertical and horizontal amplifiers. High-sensitivity, 1 MC vertical amplifier, ultra-modern printed-circuit amplifier design. Built-in 1 volt peak-to-peak self-calibrator. Efficient, two-color, easy-reading panel. Rugged, louvred steel cabinet, 13 1/4 x 8 1/4 x 17 1/2". Complete with CRT, all parts and instructions. Shpg. wt., 24 lbs.

TE-457WX ..... 5.00 Down ..... Net 49.50

Model S-50W, as above, but factory wired.

TE-476WX ..... 8.45 Down ..... Net 84.50

AS-1 Scope Probe Set. Include (1) 10/1 LO-Cop, (2) crystal demodulator, (3) shielded direct probes. Shpg. wt., 2 lbs.

TE-477 ..... Net 14.95

## MODEL S-55 WIDE BAND OSCILLOSCOPE KIT

A deluxe, laboratory-type instrument. Ideal scope for color TV. Covers the entire range between DC and 5 megacycles with outstanding sensitivity and stability. The printed circuit sub-assemblies make this instrument an easy job to build and use. Vertical channel: Sensitivity 70mv/in for DC and 25 mv RMS/in for AC. Frequency response within 3 db to 4.5 Mc for DC and AC. Input impedance is 1.5 megohms shunted by 23 mmfd. Rise time better than .08 msec. With 4 step vert. input attenuator and polarity reversal switch. Horizontal Channel: Sensitivity: 0.6 V RMS/in. Frequency response within 3 db to 400 KC. Input impedance 5 megohms shunted by 23 mmfd. Cathode-follower horizontal input circuit. Other features include linear time base, automatic positive and negative sync., built in peak to peak voltage calibrator. In louvred steel cabinet with two-color easy reading panel. For 117 V., 50/60 cps. Size: 13 1/4 x 8 1/4 x 17 1/2". Shpg. wt., 30 lbs.

TE-478WX ..... 8.75 Down ..... Net 87.50

Model S-55W, as above, but factory wired.

TE-479WX ..... 13.95 Down ..... Net 139.50

AS-1 Scope Probe Set. Include 10/1 LO-Cop, Crystal demodulator, Shielded direct probes. Shpg. wt., 2 lbs.

TE-477 ..... Net 14.95

## MODEL M-40 V. O. 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 1/2" 50  $\mu$ -amp meter with  $\pm 2\%$  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  $\mu$  amp, 0-1.5-15-150 ma, 0-1.5-15 amps; Ohms, 0-2000-2000k-20 meg. In malded phenolic case. Complete with detailed instruction manual. Size, 5 1/2 x 6 1/4 x 2 1/4". Shpg. wt., 4 lbs.

TE-480 ..... 5.00 Down ..... Net 31.50

Model M-40W, as above, but factory wired.

TE-481 ..... 5.00 Down ..... Net 37.50

AM-1 HV Probe. For M-40 Permits reading to 30,000 V.

TE-482 Shpg. wt., 1 lb. Net 5.95

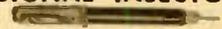
## KINGSTON PROBEMASTER



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

## BOSCO "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, ear-phones, tape recorders, cartridges, 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

# SUPERIOR INSTRUMENTS — THE ECONOMY LINE

## MODEL 79 SUPER-METER

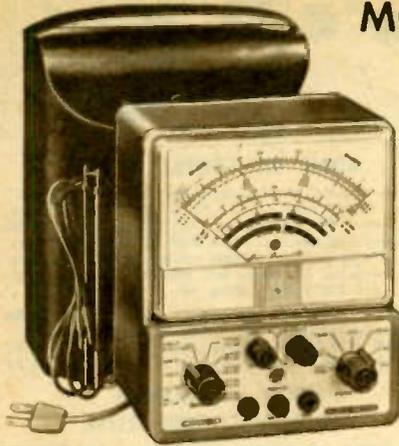
- VOLT-OHM-MILLIAMETER
- READS CAPACITY, REACTANCE INDUCTANCE AND DECIBELS
- TESTS SELENIUM AND SILICON RECTIFIERS, GERMANIUM AND SILICON DIODES
- 6" FULL VIEW METER

### SPECIFICATIONS

DC VOLTS: 0-7.5/0-15/0-75/0-150/0-750/0-1500. AC VOLTS: 0-15/0-30/0-150/0-300/0-1500/0-3000. DC CURRENT: 0-1.5/0-15/0-15ma/0-1.5/0-15 amps. RESISTANCE: 0-1000/100,000 ohms/0-10 meg. CAPACITY: .001-1 mfd./1-50 mfd. REACTANCE: 50-2500 ohms/2500 ohms-2.5 meg. INDUCTANCE: .15-7/7-7000 henries. DECIBELS: -6-+18/+14-+38/+34-+58.

Here is a multimeter which deserves the name Super-Meter. The 79 tests the quality of all the following components on separate GOOD-BAD Scales. All electrolytic condensers from 1 mfd. to 1000 mfd. All selenium rectifiers. All silicon rectifiers. All germanium diodes. The Super-Meter comes complete with all accessories including complete operating instructions, flexible test leads and streamlined carrying case. 16 x 11 1/2 x 5 1/2. Shpg. wt., 14 lbs.

TE-505 ..... 5.00 Down ..... Net 37.73

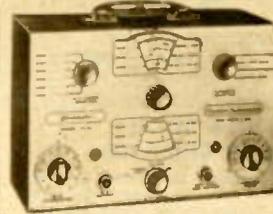


**37.73** 5.00 DOWN

## MOD. TV-50A GENOMETER

7 SIGNAL GENERATORS IN ONE

**46.55**



Superior's new Model Genometer is a versatile all-inclusive generator which provides all the outputs needed for servicing AM and FM Amplifiers, and Black and White or color TV. It is really 7 signal generators housed in one unit, producing these necessary signals: R.F. Signal generator for AM and FM—for aligning AM and FM RF circuits. Generates from 100KC to 60MC on fundamentals and from 60MC to 180MC on powerful harmonics, separate or modulated RF available. Variable Audio Frequency Generator—with 400 cycle sine wave or 300-20,000 cycle peaked wave audio signal available for checking distortion in amplifiers, amplifier gain, etc. Iar Generator—to place 1-18 horizontal or 7-20 vertical bars on TV screen for adjusting linearity controls; Cross Hatch Generator—Creates interlocked pattern for correcting ion trap adjust; Dot Pattern—Dot pattern helps adjust for color convergence; Marker Generator—13 marker points provided. Size 10" x 16" x 14 1/2". Shpg. wt., 13 lbs.

TE-510 ..... 5.00 Down ..... Net 46.55

## SUPERIOR TW-11 TUBE TESTER

- FEATURING SEPARATE SCALE FOR LOW-CURRENT TUBES

**46.55**



Tests all tubes including 4, 5, 6, 7, octal, lock-in, peanut, bantam, hearing aid, Thyratron, miniature, sub-miniature, oval, sub-minor, proximity fuse type, etc. Will test for "ghosts" and "leakage" up to 5 megohms. Uses the new self-cleaning lever action switches for individual element testing. The user can instantly identify which element is under test. Truly tests tubes with tapered filaments as any of the pins may be placed in the neutral position when necessary. Individual sockets for each type of tube. No recombination sockets used. Built-in roll chart provides complete data. Line voltage control compensates for variations between 105 and 130 volts. Jack on front panel for plugging in phones or amplifier to detect noise.

Operates on 105-130 volts, 60 cycles AC. Housed in an oak cabinet complete with cover. 11 1/2" x 13" x 6" Shpg. wt., 15 lbs.

TE-506 ..... 5.00 Down ..... Net 46.55

## SUPERIOR TV-12 TRANSCONDUCTANCE TUBE AND TRANSISTOR TESTER

- TESTS PNP AND NPN TYPE TRANSISTORS
- PORTABLE

**71.05**



Superior's new model TV-12 employs an improved transconductance circuit which simulates "in circuit" operation of the component being tested. An "in phase" signal is impressed on the input section of a tube, and the resultant plate current change is measured. This provides the most suitable method of simulating the manner in which tubes actually operate in radio, television and hi-fi circuits. Other TV-12 features include handy built-in roll-chart, large REPLACE-WEAK-GOOD scaled meter, eight tube and three transistor sockets, filament voltages of from .75 volts to 117 volts, and attractive portable case. 16 x 11 1/2 x 5 1/2. Shpg. wt., 14 lbs.

TE-508 ..... 7.10 Down ..... Net 71.05

## MODEL 83 CRT TESTER AND REJUVENATOR

TESTS BOTH BLACK & WHITE & COLOR PICTURE TUBES. REJUVENATES ALL PICTURE TUBES.

**41.65**



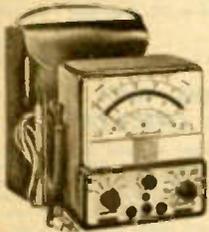
The model 83 is a modern instrument designed specifically to test all old and new black & white as well as all color picture tubes. The tester provides individual tests for the red, green, and blue sections and provides individual filament, plate, and cathode voltages of 6.3 and 8.4 volts for black & white tubes. The 83 employs a large easy-to-read GOOD-?BAD scale. It will detect tubes which are apparently good, but require rejuvenation. All accessories including portable carrying case are included. 11 1/2 x 7 x 3 1/2. Shpg. Wt., 5 lbs.

TE-511 ..... 5.00 Down ..... Net 41.65

## MODEL 80 ALLMETER

- 20,000 OHMS PER VOLT ● 6 INCH METER ● CHECKS VOLTAGE, RESISTANCE, CURRENT CAPACITY AND DECIBELS

**41.65**



This expertly designed multimeter is the only V.O.M. selling for less than \$50.00 which provides all the following features: 6" full-view meter with large, easy-to-read calibrations, mirrored scale, built-in isolation transformer, and 1% precision resistors.

### SPECIFICATIONS:

DC VOLTS: 0-15/0-75/0-150/0-300/0-750/0-1500/0-7500. AC VOLTS: 0-15/0-75/0-150/0-300/0-750/0-1500. RESISTANCE: 0-2000/0-20,000 ohms/0-20 meg. CAPACITY: .00025 mfd-3 mfd/.05-30 mfd. DC CURRENT: 0-75 UA/0-7.5/0-75/0-750 mils/0-15 amps. D.B. -6-+18/+14-+38/+34-+58. Size 7 1/2 x 6 1/2 x 5. Shpg. wt., 5 lbs. Allmeter comes complete with operating instructions, flexible test leads and handsome saddle-stitched carrying case. Shpg. wt., 5 lbs.

TE-507 ..... 5.00 Down ..... Net 41.65

## MODEL 77 VACUUM TUBE VOLT-METER

- 6" METER
- STREAM-LINED CARRYING CASE

**41.65**

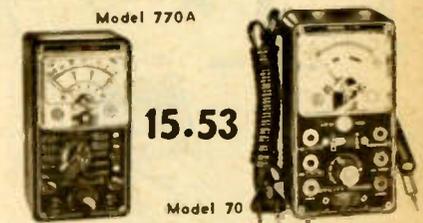


Here is a highly sensitive V.T.V.M. with laboratory accuracy. The model 77 is of great value to the technician and the experimenter alike. Features a built-in isolation transformer, selenium rectified power supply, 1% zero coefficient resistors, printed circuitry and a large 6 inch super-sensitive 400 microamp. meter.

### SPECIFICATIONS

DC VOLTS: 0-3/0-15/0-75/0-150/0-300/0-750/0-1500. AC VOLTS: (RMS) 0-3/0-15/0-75/0-150/0-300/0-750/0-1500. RESISTANCE: 0-1000/0-10,000/0-100,000 ohms/0-1/0-10/0-100/0-1000 megohms. DECIBELS: -10-+18/+10-+38/+30-+58. Operates on 110-120 Volt 60 cycle. 7 1/2 x 6 1/2 x 5. Shpg. wt., 6 lbs. All accessories including complete instruction book, probe, flexible leads and attractive portable carrying case are included.

TE-509 ..... 5.00 Down ..... Net 41.65



Model 770A

**15.53**

Model 70

## MODEL 770A V.O.M.

A popularly-priced pocket-sized V.O.M. featuring extra-large meter and 850 microampere D'Arsonval type meter.

DC VOLTS: 0-7.5/0-15/0-75/0-150/0-750/0-1500. AC VOLTS: 0-15/0-30/0-150/0-300/0-1500/0-3000. RESISTANCE: 0-10,000 ohms/0-11 meg. CURRENT: 0-15/0-150ma/0-1.5 amp. DECIBELS: -6-+18/+14-+38/+34-+58. Complete with self-contained batteries, test leads, and all operating instructions. 3 1/2 x 5 1/2 x 2 1/2. Shpg. wt., 6 lbs.

TE-512 ..... Net 15.53

## MODEL 70 UTILITY TESTER

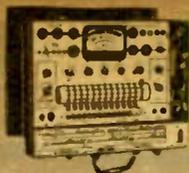
Specifically designed as an appliance and utility tester, it performs testing operations while units are in operation. In many cases. Will test toasters, irons, broilers, clocks, fans, fluorescent lamps, auto systems. Also has scales for measuring AC and DC voltages, AC and DC current, resistance, leakage (ohms scale from 0-5 Megohms). Voltage scales 0-150; 0-300. Amps Scales 0-15 amp. Comes with instructions and leads. Shpg. wt., 3 lbs.

TE-513 ..... Net 15.53

# PRECISION TEST EQUIPMENT



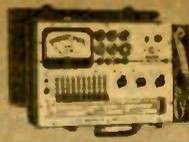
Model E-200C



Model 10-60



Model 120



Model 640



Model SS-10



Model 110

## 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 0-50v DC). In deluxe steel cabinet supplied with coax output cable and illustrated manual—"Servicing by Signal Substitution", 1 1/2 x 13 x 6 3/4". For 110-120 v 50-60 cps. Shpg. wt., 17 lbs.

TE-520WX 9.50 Down Net 95.00

## NEW MODEL 10-60 ELECTRONIC TUBE AND TRANSISTOR CHECKER

New unit provides comprehensive testing of all tubes, transistors, crystal diodes, and TV picture tubes. Tube testing; tube performance test over complete path of operation; tests VR tubes for both voltage regulation and current limits. Accurate gas test read directly on 50- $\mu$ o meter; also sensitive short-check. Transistor testing features; Direct I<sub>co</sub> reading in 5 ranges; collector voltage—.5 to 100 v DC in 17 steps; measures gain and leakage accurately. Separate reverse and forward current tests for crystal diodes. Provision for testing future semi-conductors. In sturdy carrying case. Size, 20 x 15 x 7". Shpg. wt., 26 lbs.

TE-521WX 19.50 Down Net 195.00

Model 10-40. Same as 10-60 but without transistor and crystal diode testing facilities.

TE-522WX 14.95 Down Net 149.50  
Picture tube testing accessories for above models. Shpg. wt., for each is 1 lb.

TE-523. PTA Picture tube adapter Net 7.75

TE-524. PAA 110" socket adapter for PTA Net 5.00

## MODEL 120 MULTI-RANGE TESTER

Lab type, compact VOM provides a large 5/8" meter of 50  $\mu$  sensitivity and  $\pm$  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  $\mu$ a, 0-1.2-12-120-600 ma, 0-12 amps; ohms, 0-200-2K-200K ohms, 0-2-20 megs; DB, -20 to +77 in 8 ranges. 1% multipliers. In custom-molded phenolic case. Complete with batteries, test leads and manual. Size, 5 3/4 x 7 x 3 3/4". Shpg. wt., 5 lbs.

TE-525 5.00 Down Net 44.95

## MODEL 120M VOM

Designed where utmost accuracy is required. Uses 7/8" multipliers. 1% mirror-scale meter. Has polarity reversal switch. All other physical and electrical specs are same as Model 120.

TE-526 5.30 Down Net 52.95

Accessories for 120 and 120 M

LC-3 Leather case, ever ready type. Shpg. wt., 3 lbs.

TE-527 Net 9.50

ST-1 Snap-on-Strand for 45° table mount. Shpg. wt., 1 lb.

TE-528 Net 1.00

TV-28 HV safety probe up to 30 KVDC. Shpg. wt., 2 lbs.

TE-529 Net 14.75

## OTHER PRECISION TEST EQUIPMENT

Lafayette stocks the full Precision test equipment line. Let Lafayette's Economy Payment Plan help you make this fine equipment your own.

Stock No.	Model	Description	Shpg. Wt.	Net
TE-530WX	E400	Deluxe Sweep Generator	24	160.00
TE-537WX	E420	Deluxe Dot and Bar Generator	10	150.00
TE-538WX	ES-550	Deluxe 5" Scope	47	235.00
TE-539	SP-5	Probe Set	3	26.50
TE-540	88	VTVM	8	74.50
TE-541	LC1	Leather case for 88	3	6.50
TE-542	TV8	Test Probe for ranges to 60KV	2	14.75
TE-543	RF10A	Test Probe for ranges to 300V	1	14.40
TE-544	68	VTVM	7	54.90
TE-545	RF12	High Freq. Probe	1	10.95
TE-546	TV4	HV probe for ranges to 60KV	1	14.75
TE-547WX	360	Transistor Tester	13	69.00

## MODEL 110 COMPACT V-O-M

Packet size V-O-M with extra features. Full-view 3 1/2" meter. DC/AC volts: 0-1.5-6-30-150-600-300. Sensitivity: 20 k ohm/v (DC), 5 k ohm/v (AC). DC current: 0-60-600  $\mu$ a and 0-6-60-600 ma. Ohms: 0-2k-200 k and 0-20 megs. DB: -70 to +70. Full scale accuracy  $\pm$  2%. Complete with batteries, test leads and instruction manual. Size: 1-11/16 x 3 1/2 x 5 3/4". Shpg. wt., 3 lbs.

TE-530 5.00 Down Net 34.00

Accessories for Model 110. Shpg. wt., 2 lbs. each.

TE-531. LC-4 Genuine leather case Net 5.95

TE-532. TV-38 HV safety probe to 30 KVDC Net 14.75

## MODEL 640 CATHODE CONDUCTANCE TUBE TESTER

This cathode conductance tube tester is the finest of its type. Large 5/8" meter,  $\pm$  2% accuracy. Tests all TV, FM and AM tubes, including tuning eyes, gas rectifiers, etc. Provides filament voltages of 3/4 to 117 volts in 24 steps. Tests each section of multi-section tubes. With hi-speed 3-window roll chart. In sturdy carrying case. 18 x 10 1/2 x 6 1/4". Shpg. wt., 17 lbs.

TE-533WX 7.95 Down Net 79.50

## MODEL 660 TUBE AND TRANSISTOR TESTER

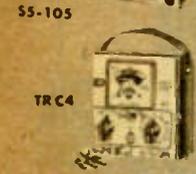
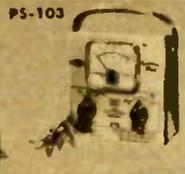
Every tube testing feature of #640 plus measurement of I<sub>cb</sub>, gain, leakage, shorts, and etc. of all types of transistors, and forward and reverse current of crystal diodes. Test TV picture tubes with adapter. Size: 18 x 10 1/2 x 6 1/4". Shpg. wt., 17 lbs.

TE-534WX 10.90 Down Net 109.00

## MODEL SS-10 FILAMENT TESTER

Fast filament continuity checks on receiver tubes, TV picture tubes. Can be used for other continuity tests. In handsome case. Complete with batteries. Size 1 x 3 1/2 x 5 3/4". Shpg. wt., 3 lbs.

TE-535 Net 6.50



## 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 1/4". Shpg. wt., 3 lbs.

TE-555 Net 15.63

## 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 yoke 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.

TE-559 5.00 Down Net 38.21

## TEST EQUIPMENT

### HG-104 TRANSISTORIZED HARMONIC GENERATOR

The fastest method ever devised for locating trouble in transistor radios. Automatically generates audio, IF, and RF signals simultaneously. Immediately spots defective stage. Equally effective in troubleshooting tube radios, hi-fi, TV and other audio circuits. Size: 4 1/2 x 3 3/4 x 2". Shpg. wt., 2 lbs.

TE-557 Net 9.75

### 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, 450v electrolytic; 1-40 mfd 450v electrolytic. Three-pole, 12-position switch selects each component individually. Size, 2 x 4 x 3".

TE-558. Shpg. wt., 2 lbs. Net 12.49

### PS-103 TRANSI-PAC TRANSISTOR POWER SUPPLY

A low cost DC power supply for all portable transistor radios. 0-24 volts adjustable with a 1 1/2 volt tap for Philco and Sylvania radios. Reads voltage applied and current drain. Sizes: 3/8 x 4 1/2 x 2 1/4". Shpg. wt., 2 lbs.

TE-556 Net 17.59

### SENCORE FC4 FILAMENT CHECKER

This handy tester gives foolproof open or burn-out filament check on all octal, loctal, miniature and picture tubes, as well as on new series filament tubes. Can be used to test voltages (100-600 v) and continuity of fuses, line cards, appliances, motors, etc. Has neon indicator. In sturdy metal case and measures only 3 3/4" x 4" x 1 1/4". Complete with test leads. For 110-120 V., AC or DC. More than 100,000 in use today. Shpg. wt., 1 lb.

TE-560 Net 2.89

TS-105. Power interlock cord for above Net .25

### NEW! MODEL TRC4 TRANSISTOR CHECKER

New, versatile transistor checker designed against obsolescence, and with the serviceman in mind. Tests transistors for opens, shorts, leakage and current gain; includes gain test on power transistors; forward to reverse current ratio in all crystal diodes; forward and reverse current 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 1/2 lbs.

TE-561 Net 17.59

### MODEL BE3 ALIGN-O-PAK BIAS SUPPLY

This compact bias supply is designed for TV alignment and AGC trouble shooting. Completely isolated power supply provides  $\pm$  0 to 18 volts DC, with less than .1% AC ripple. Complete with test leads in handsome case. For 110-120 v., 60 cps. Size, 2 1/2 x 4 x 4".

TE-562. Shpg. wt., 2 lbs. Net 7.69

ULC-2 leather case for BE3 and H36. Shpg. wt., 6 oz.

TE-563 Net 2.89



# TEST EQUIPMENT—KITS AND WIRED



ONLY  
**29.95**  
KIT  
**49.95**  
Wired

ONLY  
5.00 DOWN

## RCA WV-77E(K) VOLTOHMYST IN KIT FORM

- BURNOUT-PROOF
- 28 RANGES
- FAMED WV-77E VOLTOHMYST VTVM
- ± 3% ACCURACY ON DC
- RESPONSE ± 3% 40 CPS to 5 MC.
- DC INPUT 11 MEG.

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 ± 3% of full scale accuracy and input resistance of 11 megohms; 7 rms AC voltages: 0-1.5, 5, 15, 50, 150, 500, 1500, with ± 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 5 mc. flat to within ± 3% 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 and ohms ranges fused; cables can be stored in sleeve on handle; meter scales color coded to match range switch; shielded by metal case; and etched front-panel lettering. Tubes are 6AL5 and 12AU7. Power requirement is 5 watts at 105-125 v., 50-60 cps AC and VS035 battery. Supplied complete with DC and AC/ohms probes and cables and ground leads, battery, and instruction book. Shpg. wt., 5 1/2 lbs.

TE-141 5.00 Down Net 29.95  
WV-77E Some, completely wired and factory-calibrated.  
TE-142 5.00 Down Net 49.95



ONLY  
**29.95**  
KIT  
**43.95**  
Wired

ONLY  
5.00 DOWN

## RCA WV-38A(K) VOLT-OHM-MILLIAMMETER KIT

- 20,000 OHMS PER VOLT
- 5 1/4" METER SCALE
- EXTREME ACCURACY

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 ± 3% of full scale accuracy. DC input resistance is 20,000 ohms per volt. AC voltage has 6 ranges: 0-25, 10, 50, 250, 1000, 5000 volts, with ± 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 ± 3%. Complete with internal batteries, ground lead and clip, positive probe with slip-on alligator clip, and instruction booklet. Assembly instruction sheet is provided with the kit. Size 5 1/2" x 6 1/2". Shipping wt., 4 lbs.

TE-139 5.00 Down Net 29.95  
WV-38A Completely wired and factory tested.  
TE-140 5.00 Down Net 43.95

ONLY  
**79.95**  
KIT  
**129.95**  
Wired

ONLY  
8.00 DOWN

## RCA WO-33A(K) 3" SCOPE KIT

- PORTABLE & COMPACT
- WIDE GAIN & BANDWIDTH
- VERY HIGH VERT. SENSITIVITY

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. With lots of gain and bandwidth, the WO-33A can be used in PA, radio, TV, hi-fi, laboratory, ham radio, broadcast, and industrial applications! 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 ± internal sync. Sync range to 4.5 Mc. Sawtooth range from 15 cps to 75Kc. Line sweep can be adjusted 160° phase. Vertical circuit input impedance at lo-cap cable input is 10 megohms and 10 micromicrofarads 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 1/2" x 8 3/4". Shipping wt., 15 lbs.

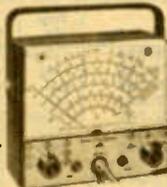
TE-137WX 8.00 Down Net 79.95  
WO-33A Completely wired and factory tested.  
TE-138WX 13.00 Down Net 129.95

WT-110A



WV-74A

WV-98A



**WV-98A NEW SR. VOLTOHMYST**  
**79.50**

Most popular of RCA VoltOhmyst line. Permit direct reading of peak-to-peak voltage of complex wave forms found in video, sync and deflection circuits. Scale of 7 ranges yields DC readings to 1500V on 2 scales in overlapping 3 to 1 ranges; AC readings to 1500 V. RMS, and to 4200 V. peak-to-peak. Resistance readings from 0.2 ohm to 1,000 megohms on single scale. Other features include zero centering for TV and discriminator alignment; high input resistance on all ranges, 11 megohms for DC, 0.2 to 2 megohms for AC; accuracy of ± 3% of full scale; large 6 1/2" wide-visibility meter. For 105-125V. AC, 50-60 cps. Complete with WG-299C probe and cable, and instruction booklet. 7 x 3 3/4 x 6 1/2". Shipping Wt., 7 lbs.  
TE-111WX 7.95 Down Net 79.50

## WT-110A NEW AUTOMATIC TUBE TESTER

All-new in approach to fast, accurate tube testing—just insert punched card into the tester. Registers tube's serviceability by checking 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. Tests 7-pin, 9-pin, octal, and lock-in types. Speed up testing of diodes, triodes, and multi-element tubes, as well as double- and triple-unit tubes. Includes set of 239 punched cards, 1 master punch-card, test card plus 24 additional punched cards, 24 unpunched accessory cards, 1 card punch, and information regarding card-punching and testing. For 115V., 60 cycles A.C. Sturdy portable case 7 1/4" x 14 1/4" x 17 1/2". Shpg. wt., 28 lbs.

TE-113WX 19.95 Down Net 199.50  
WG-325A 24 Blank Cards for WT-110A (1 lb)  
TE-114 2.25  
WG-337A. 4 adapters to test tubes with small 4, 5, and 6-pin bases, and small and medium 7-pin bases.  
TE-131 Shpg. wt., 6 oz. Net 7.95  
WG-338A. Tube socket adapter for testing "in-line" subminiature tubes.  
TE-132 Shpg. wt., 6 oz. Net 2.95  
WG-339A. Tube socket adapter for testing 8-lead circular subminiature tubes.  
TE-133 Shpg. wt., 6 oz. Net 3.50  
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

## WV-74A HIGH SENSITIVITY AC VACUUM TUBE VOLTMETER

For use in feedback-circuit design, signal tracing, audio and power level measurements, amplifier balancing, frequency response tests, etc. Voltage ranges from 10mv to 100V full scale in 3-to-1 steps; high input impedance of 10 meg-ohms with LO-CAP probe; frequency response flat within 1/2 db from 20 to 500K cps; power line frequency range 50 to 400 cps. 7 x 3 3/4 x 6 1/2". Shipping wt., 7 lbs.  
TE-112WX 9.95 Down Net 99.50

## OTHER RCA TEST EQUIPMENT

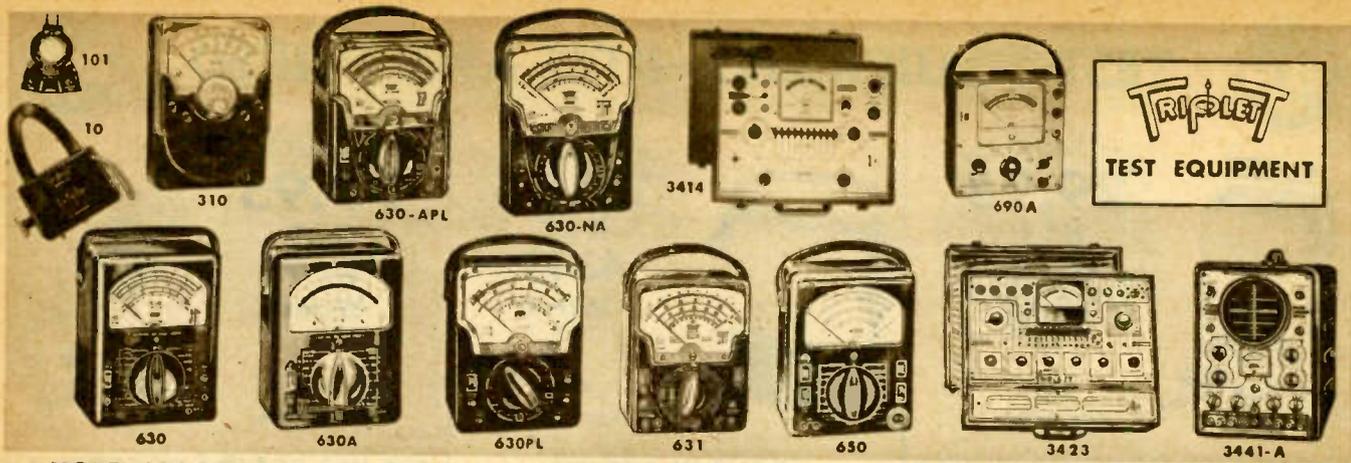
Lafayette carries the complete line of RCA test equipment and will give prompt attention to your orders. All are available on Lafayette Easy Payment Plan.

STOCK NO.	RCA MODEL	DESCRIPTION	SHPG. WT. LBS.	NET
TE-115WX	WA-44B	Audio Signal Generator	12	107.50
TE-116WX	WR-49A	Dot/Cross-hatch Gen.	20	179.50
TE-117WX	WR-49B	RF Signal Generator	10	79.50
TE-118WX	WR-61R	Color Bar Generator	18	259.50
TE-119WX	WR-6DA	TV-FM Sweep Gen.	17	295.00
TE-120WX	WR-7DA	RF/IF/VF Marker Adder	9	74.50
TE-121WX	WV-94B	Ultra Sens. DC Microm.	11	110.00
TE-122WX	WV-87B	Master VoltOhmyst	0	137.50
TE-123WX	WO-91A	3 In. Oscilloscope	32	239.50
TE-124WX	WV-99A	Xtal. Cal. Marker Gen.	18	242.50
TE-125WX	WT-100A	Tube Micromhometer	52	1075.00

## RCA ACCESSORIES

WG-299C. DC/AC—OHMS Probe with shielded cable and coaxial connector. Shipping wt., 1 lb.  
TE-126 Net 8.75  
WG-300B. Direct/Lo-Cap Probe & Cable for use with oscilloscopes. Shipping wt., 1 lb.  
TE-127 Net 9.95  
WG-301A. CRYSTAL DIODE PROBE to extend range of Volt-Ohmyst to 250 Mc. Slip-on type. Shipping wt., 8 oz.  
TE-128 Net 7.75  
WG-302A. RF/IF/VF SIGNAL TRACING PROBE for use with WG-91A and WG-300B probe. Shipping wt., 8 oz.  
TE-129 Net 8.50  
WG-289. HIGH VOLTAGE PROBE extends VoltOhmyst range to 50,000 volts. Shipping wt., 1 lb.  
TE-135 Net 17.15  
WG-206. 1090 MEGOHM MULTIPLIER for WG-289. Shipping wt., 2 oz.  
TE-136 Net 2.80

RCA TEST EQUIPMENT IS AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302



**MODEL 310 VOM**

Miniature VOM with ranges of 0.3-12-60-300-1200 volts DC at 20,000 ohms per volt or AC at 5,000 ohms per volt. Ohms: 0.20K-200K-2 meg-20 meg, DC milliamperes 0.6-60-600 at 250 millivolts. The 310 measures 2 1/4 x 4 1/4 x 1-3/16 and is made of molded plastic, with unbreakable plastic window of mold. Complete with battery and leads. Shpg. wt., 1 lb.  
**TE-360-5.00 Down** ..... Net 33.81

**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 14.61

**TE-362** Shpg. wt., 8 oz. Net 3.14  
**TE-363** Shpg. wt., 8 oz. Net 3.39  
**Model 101 LINE SEPARATOR**—Divides two conductor cords, increases sensitivity 10X and 20X.  
**TE-364** Shpg. wt., 2 lbs. Net 5.39

**Model 100**. Complete set includes Models 310 and 10, 101, 379, 311. Shpg. wt., 5 lbs.  
**TE-365** ..... Net 58.31

**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 1.86

**No. 311** leads separate model 310 from model 10 in cramped locations.  
**TE-367** Shpg. wt., 1 lb. Net 1.86

**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 3-7/32" x 5 1/2" x 7 1/2". Complete with leads, clips, batteries and instruction book. Shpg. wt., 6 lbs.  
**TE-368-5.00 Down** ..... Net 43.61

**MODEL 630A VOM.**

Highly accurate laboratory type VOM with mirrored scale, 1/2% resistors and 1 1/2% accuracy to 1200 volts DC, 4% on other ranges. 0.3-12-60-300-1200-6000 volts DC at 20,000 ohms per volt or AC at 5000 ohms per volt. Ohms: 0.1K-10K-1 meg-100 meg. DC milliamperes: 0.06-1.2-12-120. DC amperes: 0.12. Decibels: -20 to +70 in six ranges. Meter has molded, fully insulated case, measures 3 7/32" x 5 1/2" x 7 1/2". Furnished with leads, clips, batteries and instruction manual. Shpg. wt., 6 lbs.  
**TE-369-5.35 Down** ..... Net 53.41

**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, 3-11/16" x 5 1/2" x 7 1/2". Complete with leads, alligator clips, batteries and instruction manual. Shpg. wt., 6 lbs.  
**TE-370-5.00 Down** ..... Net 43.61

**MODEL 630-NA VOM.**

The super deluxe of all VOM's. Has seventy ranges, twice as many as other VOM's. Frequency compensated from 35 cps to 20 kc. Temperature compensated. Accuracy 1 1/2% on DC, 3% on AC. Large open front meter is very easy to read. Mirrored scale prevents parallax. Meter movement is protected against overloads. Ranges: DC volts 0.240-6.3-12-60-300-1200-6000 at 10,000 ohms per volt; AC volts: 1.5-6-30-150-600-3000 at 20,000 ohms per volt; DC milliamperes: 0.3-12-60-300-1200-6000 at 5000 ohms per volt; 0.1-5-6-30-150-600-3000 at 10,000 ohms per volt. Ohms: 0.1K-10K-100K-1 meg-10 meg-100 meg. DC milliamperes: 0.06-1.2-6-12-60-120-600, DC amperes: 0.1-2-6-12. DB: -20 to +70. Molded case, complete with leads and batteries. Shpg. wt., 7 lbs.  
**TE-371-7.30 Down** ..... Net 73.01

**MODEL 631 VTVM-VOM**

Complete VOM-VTVM combination. VOM is used for general servicing. VTVM used when use of VOM is undesirable because of excessive loading on the circuit. VTVM is battery operated for extra stability and portability. VTVM sensitivity 9 megohms per volt. VOM ranges: DC Volts: 0.3-12-60-300-1200 at 20,000 ohms per volt, AC Volts: 0.3-12-60-300-1200 at 5,000 ohms per volt, Ohms: 0.1-5K-15K-1.5 meg.-150 meg, DC milliamperes: 0.06-1.2-12-120-1200-12,000. DB: -20 to +56. VTVM Ranges: DC Volts: 0.1-2-6-30-120. Molded case, with leads and batteries: 3 11/32" x 5 1/2" x 7 1/2". Shpg. wt., 7 lbs.  
**TE-372-6.30 Down** ..... Net 63.21

**No. T-79 A-145 R.F. probe** for model 631 to extend measurements up to 250 MC. Shpg. wt., 1 lb.  
**TE-373** ..... Net 68.66

**MODEL 630-APL VOM**

Laboratory type VOM featuring 1/2% resistors and more accurate movement for greater accuracy. Long mirrored scales eliminate parallax in reading. One switch selects any range, minimizes chance of incorrect settings. 5-500,000 cps frequency response for AC measurements. DC Polarity reversing switch. High sensitivity: 5000 ohms per volt AC, 20,000 ohms per volt DC. Ranges: DC Volts: 0.2-5-10-50-250-1000-5000. AC Volts: 0.3-10-50-250-1000-5000. Decibels: -20 to +75. DC milliamperes: 0.06-1.2-12-120-1200-12,000. Ohms: 0.1K-10K-1 meg-100 meg. Molded case, 3-11/32" x 5 1/2" x 7 1/2". Complete with leads, alligator clips, batteries, and instruction manual.  
**TE-374-5.35 Down** ..... Avg. shpg. wt., 7 lbs. Net 53.41

**MODEL 3423 TUBE TESTER**

Deluxe mutual conductance tube tester featuring variable 0-250 volt plate voltage for accurate, dependable testing. Uses 4 Kilocycle test signal on grid. Directly reads mutual conductance in micramhos. Also tests selenium rectifiers, thyristors, crystal diodes and transistors. Direct leakage measurement on meter from 0 to 10 megohms. Has Good?—Bad scale for diodes and rectifiers. All new heater voltages from .63 to 117 volts provide for testing of all receiving and low power transmitting tubes, subminiatures, including new series-string types. Speed-roll chart easily replaced for new tube listings. Sizes 6-13/32" x 14 1/4" x 18-25/32". Shpg. wt., 25 lbs.  
**TE-375 WX-19.50 Down** ..... Net 195.51

**TV PICTURE TUBE ADAPTER**

Check picture tubes right in set or carton. Can be used with Triplett Models 3413-B, 3423, 3414 and 3441.  
**TE-376 BV Adapter** Shpg. wt., 3 lbs. Net 5.29  
**Model 639-N** Carrying case for testers 630, 630-A, 630-PL, 630-APL, 630-NA, 631, 630T.  
 Cover flap snaps back allowing full access to meter without removing case. Block Cowhide.  
**TE-377** Shpg. wt., 2 lbs. Net 9.31

**MODEL 3414 TUBE TESTER**

Portable and for Counter. Here is a Portable, easy-to-use test instrument. Its accuracy is usually found only in high-priced tube testers. All switch settings can be made before the tube warms up, burned out tubes are rejected instantly upon insertion of tube. The neon indicator detects shorts quickly and accurately. Filament voltage of 0.65 to 177 volts are provided. The 3414 contains a handy "quick change" roll chart which lists all popular radio, TV and Hi-Fi tubes. Readings are made on a large, three-color clear-view meter. Scale reads GOOD?—BAD. Counter—Portable dark grey leatherette covered case included. 15 1/4" x 11 1/2" x 6 1/2". Shpg. wt., 10 lbs.  
**TE-378WX-8.00 Down** ..... Net 77.91

**MODEL 690-A TRANSISTOR TESTER**

Battery Operated Portable. Brand new tester for low, and medium-power transistors. Measures leakage and current gain of both PNP and NPN transistors. A single switch selects transistor type settings for easy and rapid testing. Meter has extra-long "GOOD" scale to provide a better indication of the degree of quality. The 690-A also affords exact tests for shorts, leakage, and forward-reverse leakage of diodes. A transistor socket accepts any standard transistor and banana-type jacks are provided for external test leads. 2 1/2" x 5 1/2" x 6". Batteries and test leads included. Shpg. wt., 5 lbs.  
**TE-379-5.00 Down** ..... Net 28.91  
**No. 629** Black leather case for Triplett model 690-A or 625.  
**TE-380** Shpg. wt., 2 lbs. Net 7.06

**MODEL 650 VTVM**

A compact peak-to-peak vacuum tube voltmeter featuring sensitivity of 1 volt full scale. Complete coverage from 15 cps to over 150 mc with one probe. Reads RMS volts or peak to peak. Accuracy 3%. Ranges: 0.1-5-10-50-100-500 volts on DC or AC-RF. Extra 0-1000 volts DC range. Peak-to-peak ranges 0.2-8-14-28-140-280-700 volts. Ohms: 0.1K-10K-100K-1 meg-100 meg-1000 meg. Insulated molded case with removable strap handle. With leads, batteries and instruction manual, for 110-120 volts 60 cycles. Shpg. wt., 8 lbs.  
**TE-381-8.80 Down** ..... Net 87.71  
**TE-382-11.00** T-79-107 Probe for 650 ..... Net 14.21  
**MODEL 659** black leather case for Model 650  
**TE-383** Shpg. wt., 2 lbs. Net 10.29

**OTHER TRIPLET TEST EQUIPMENT**

Lafayette stocks the complete Triplett test equipment line. Let the Lafayette Economy Payment plan help you make this equipment your own.

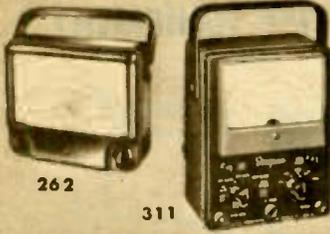
Stock No.	Trip No.	Description	Shpg. Wt.	
			Lbs.	Net
TE-384	625NA	V.O.M.	6	53.41
TE-385	630T	V.O.M.	6	53.41
TE-386	660	Load Check	4	33.81
TE-387	661	Load Check	4	33.81
TE-388	666HH	Packet V.O.M.	4	26.95
TE-389	666R	Packet V.O.M.	4	28.91
TE-390	2002	Appliance tester	6	43.61
TE-392WX	3432A	Signal generator	15	97.51
TE-394WX	3438	Dot-bar color gen.	16	224.91
TE-395WX	3439	Color bar. gen.	15	244.51
TE-396WX	3441A	5" Oscilloscope	45	244.51
TE-397WX	3444	Dyn. Mut. Cond. tube tester	40	244.51

**TRIPLET ACCESSORIES**

TE-400	T-79-70	0-30,000VDC Hi-Volt Probe for 630 and 631 series	8 oz.	14.21
TE-402	T-225-A33	45 stand for 630, 631, 650	1 lb.	.49
TE-403	9989	Crystal Demod. Probe for 3441A	8 oz.	10.29

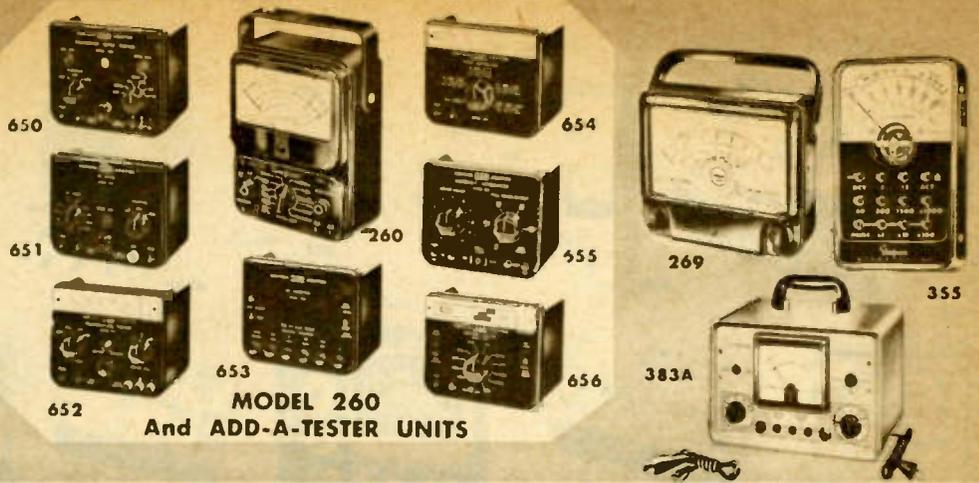
# Simpson

## TEST EQUIPMENT



262

311



650

651

652

MODEL 260

And ADD-A-TESTER UNITS

654

655

656

269

383A

355

# NEW! IMPROVED, MODEL 260 WITH ADD-A-TESTER UNITS

### CONVERT YOUR 260 INTO 7 DIFFERENT TESTERS!

A small investment turns your 260 VOM into a whole array of testers by combining adapters with the 260. Each combination of Add-A-Tester unit and 260 is self-contained, self-powered. Each adapter goes on easily.

#### MODEL 260 AC-DC V-O-M

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, 1000V, 5000V; D.B.: 20 to +10 db; -8 to +22 db; +6 to 36 db; +20 to +50 db. DC current ranges from 0-50 u 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  $5\frac{1}{2} \times 7 \times 3\frac{1}{2}$ . Comes with battery and test leads. Shpg. wt., 6 lbs.

**TE-310** ..... 5.00 Down ..... Net 43.07  
Model 260 RT. As above, but in "roll top" safety case. Shpg. wt., 9 lbs.

**TE-311** ..... 5.00 Down ..... Net 48.95

NO. 0247 HV PROBE for 260 for extending to 25kv.  
**TE-312** Shpg. wt., 1 lb. ..... Net 9.75  
NO. 1818 LEATHER CARRYING CASE for 260.  
**TE-313** Shpg. wt., 2 lbs. .... Net 7.59  
NO. 402 ADAPTER KIT. Adopts older Model 260 Series 2 VOM for use with Add-A-Testers Units.  
**TE-352** Shpg. Wt., 2 lbs. .... Net 3.87

#### MODEL 311 VTVM

A new, improved and expanded version of a proven meter. Has 22.0 megohm D.C. input impedance, highest in its class and zero-center scale adjustment for discriminator alignment. Ranges: DC: -0.1S - 5-15-150-500-1500V; A.C. - 0-1.5-5-15-150-500-1500V (2.2 megohms input impedance); Peak-to-peak (for measuring complex wave forms) - 0-4.14-40-140-400-1400-4000V. Will measure AF output voltages from 0.1V to 1500V with a frequency response of  $\pm 5\%$ . Will measure RF voltages at frequencies from 50 cps - 100 M cps SCALE 0-150V RMS. Resistance measurement: X1, X10, X100, X1K, X10K, X100K, X1M. Zero center D.C.: - .75, 0, +.75. Meter comes with D.C. - A.C. - Ohms probe; RF probe available. Shipping wt., 6 1/2 lbs.

**TE-321** ..... 6.37 Down ..... Net 63.65  
NO. 0731 RF PROBE. Measures RF volts on Model 311. Shpg. wt., 1 lb.

**TE-322** ..... Net 10.73  
NO. 0732 HV PROBE. Extends DC volts, range to 30,000V. Shpg. wt., 1 lb. For Model 311.

**TE-323** ..... Net 10.73

#### MODEL 269 V-O-MICROAMMETER

A meter with extremely high sensitivity: D.C. 100,000 ohms/v; A.C. 5,000 ohms/v. yet completely portable, battery operated. 33 ranges; large 7" dial; only 2 controls. Ranges: D.C. volts 0-1.6 - 8-40-160-400-1600-4000v; AC volts 0.3-8-40-160-800v; AF output 0.3-8-40-160v; Resistance 0-2,000 (18 ohms center) -20,000 -200,000 -2 Megohm 20 Megohm -200 Megohms D.C. Current 0-16-160 microamps; 0-1.6-16-160 milliamps; 0-1.6 - 16 amps. Dimensions: 7-15-16" x 6" x 2-15-16". Comes with test leads, batteries, clips and 4000 v. D.C. multiplier, operator's manual. 40 KV DC probe available. Shipping wt., 6 lbs.

**TE-324** ..... 8.62 Down ..... Net 86.24  
NO. 0181 HI VOLTAGE PROBE. Extends DC range of Model 269 to 40KV. Shpg. wt., 2 lbs.

**TE-325** ..... Net 12.25

#### MODEL 650 TRANSISTOR TESTER

Beta ranges: 0-10, -50, -250 (F.S.). Beta accuracy:  $\pm 3\%$ , with 260,  $\pm 5\%$  nominal. Ica ranges: 0-100ua. Ica accuracy:  $\pm 1\%$ , with 260,  $\pm 3\%$  (F.S.). For use with Model 260. Shpg. wt., 2 lbs.

**TE-314** ..... 5.00 Down ..... Net 26.41

#### MODEL 651 DC VTVM

Voltage ranges: 0-.5/1.0/2.5/5.0/10/25/50/100/250/500 Accuracy:  $\pm 1\%$ , with 260  $\pm 3\%$  (F.S.). Input impedance greater than 10 meg. For use with Model 260.

**TE-315** Shpg. wt., 2 lbs. 5.00 Down ..... Net 32.29

#### MODEL 652 TEMPERATURE TESTER

Temperature ranges: -50°F to 100°F, +100°F to 250°F. Accuracy: with 260  $\pm 2^\circ$ . Three lead positions provided. For use with Model 260. Shpg. wt., 2 lbs.

**TE-316** ..... 5.00 Down ..... Net 38.17

#### MODEL 653 AC AMMETER

Ranges: 0-0.25/1/2.5/12/5/25 amps. Accuracy:  $\pm 1\%$ , with 260  $\pm 5\%$  nominal. Freq. range: 50-3000 cycles. For use with Model 260. Shpg. wt., 2 lbs.

**TE-317** ..... Net 18.57

#### MODEL 656 BATTERY TESTER

Checks all radio and hearing aid batteries up to 90 volts. For use with Model 260. Shpg. wt., 2 lbs.

**TE-320** ..... Net 19.55

#### MODEL 383A CAPACOHMETER

This in-circuit or out-of-circuit capacitor leakage tester will detect 60-70% of all bad capacitors while both ends are connected in the circuit. No unsoldering required - no matter how the capacitor is connected in the circuit. 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 conditions of all kinds of condensers - by-pass, coupling, blocking - from 10 mfd - 10 mfd. All tests are made under load conditions. There is no fusing with bridge circuits and balancing controls. Readings are made with better than 10% accuracy. In addition, the instrument can be used to test for leaky wiring, sockets and transformers, distributed capacity of wiring to ground. Operates on 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.

**TE-326WX** ..... 8.82 Down ..... Net 88.15

#### MODEL 355 MIDGETESTER

A very handy, miniature, highly accurate AC-DC Volt-ohmmeter. Can be carried in your shirt pocket. Self-shielded and rugged for lots of use in appliance repair, radio and TV service. Sensitivity -10,000 ohms/volt on D.C. and A.C. Accuracy  $\pm 3\%$  D.C.;  $\pm 5\%$  A.C. Has 100 microamp movement and handy ohms zero adjust on side of case. Ranges: A.C. and D.C. volts 0-3-12-60-300-1200 v; Resistance: 0-10K ohms (120 ohms center) -100 K -1 Megohm -10 Megohms. Function and range selection is made by proper insertion of leads. Size  $2\frac{1}{2} \times 4\frac{1}{2} \times 1"$ . Comes with batteries and leads. Shipping wt., 2 lbs.

**TE-327** ..... 5.00 Down ..... Net 34.25  
NO. 6355 CASE for Model 355. High quality black leather with zipper. Shpg. wt., 3 oz.

**TE-328** ..... Net 2.89

#### MODEL 654 AUDIO WATTMETER

Load ranges: 4, 8, 16, 600 ohms. Continuous 25 watts (8,600 ohms), 50 watts (4, 16 ohms). Intermittent 50 watts (8,600 ohms), 100 watts (4, 16 ohms). Accuracy:  $\pm 5\%$ , with 260  $\pm 10\%$  nominal. Direct reading scale from 17 microvolts to 100 watts. For use with Model 260.

**TE-318** Shpg. wt., 2 lbs. .... Net 18.57

#### MODEL 655 MICROVOLT ATTENUATOR

Ranges: 2.5 to 250,000 microvolts, continuously variable in decade steps. Frequency from DC to 20KC. Accuracy  $\pm 1$  db. For use with Model 260. Shpg. wt., 2 lbs.

**TE-319** ..... Net 18.57

Note: All Simpson 260 Adapters provide for normal 260 usage without disconnecting the adapter.

#### MODEL 270 VOM

Has all the superb features of 260 plus mirrored scale, knife-edge pointer, 1 1/2% DC and 2% AC accuracy.  $5\frac{1}{2} \times 7 \times 3\frac{1}{2}$ ". Shpg. wt., 6 lbs.

**TE-353** ..... 5.88 Down ..... Net 58.75

Model 270RT. As above, but in "roll top" safety case. Shpg. wt., 9 lbs.

**TE-354** ..... 6.46 Down ..... Net 64.63

#### MODEL 262 V-O-MILLIAMMETER

Similar to above in function and operation but of lower sensitivity - 20,000 ohms/v. DC; 5,000 ohms/v. A.C. Ranges: D.C. voltage 0-1.6-8-40-160-400-1600-4000 v.; A.C. voltage 0-3-8-40-160-800 v.; AF output 0-3-8-40-160 v. D.C. Resistance 0-500 ohms (4.5 ohms center) -5,000 -50,000 -500,000 -5 megohms -50 megohms. D.C. current 0-80-160 microamps, 0-1.6 - 16-160 milliamps; 0-1.6-16 amps. Dimensions 7-5-16" x 6" x 2-5-16". Comes with test leads, clips, 4000 V D.C. multiplier, manual. Shipping wt., 6 lbs.

**TE-329** ..... 5.83 Down ..... Net 58.31

NO. 0180 HI VOLTAGE PROBE. Extends DC voltage of Model 262 to 40KV. Shpg. wt., 2 lbs.

**TE-330** ..... Net 9.75

NO. 5262 CASE. Vinyl case for Model 269, 262. Size:  $7 \times 8 \times 4"$ . Shpg. wt., 2 lbs.

**TE-331** ..... Net 12.25

#### OTHER SIMPSON EQUIPMENT

We carry a complete line of Simpson test equipment. Easy Down-Pay Plan 10% down, 5.00 Min. Orders filled promptly.

Stock No.	Simpson No.	Description	Shpg. Wt.	Net
TE-332	230	AC-DC VOM	3	27.39
TE-333	240	AC-DC VOM	3	28.37
TE-334	303	VTVM	7	66.64
TE-335	362	Low-Ohmmeter	4	24.45
TE-336	372	Ohm meter	3	27.39
TE-337	382	Horiz. System Analyzer	12	68.55
TE-338	385-31	Temp. meter	3	33.27
TE-339	387	Millivoltmeter	3	29.30
TE-340	388-31	Therm-O-Meter	6	63.21
TE-341	389-31	Temp. Meter	6	61.25
TE-342	390	AC-Volt-Amp-Wattmeter	5	43.07
TE-343	391	AC-DC Volt-Wattmeter	3	34.25
TE-344	392	AC-DC Volt-Wattmeter	3	37.19
TE-345WX	430	Color Bar Generator	26	387.10
TE-346WX	434A	Variod Generator	14	144.55
TE-347WX	45B	7" Color Scope	29	225.35
TE-348WX	466	Handiscope	24	142.05
TE-349WX	479	TV-FM Sig. Gen.	29	318.50
TE-350WX	498A	Field Strength Meter	18	195.95
TE-351WX	1000	Tube Tester	19	132.30



# HICKOK

## TEST EQUIPMENT

### MODEL 820 "CADDY PAL"

- TUBE AND CRT TESTER
- VTVM • OHMMETER
- TRANSISTOR CHECKER

Here is a new idea in test equipment. The "Caddy Pal" was engineered for the T.V. serviceman, and is designed to be carried in the tube caddy. It performs all the functions which previously required several instruments. 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. There are no relative indicating devices, and no guess work. The socket is a "removable-replaceable" type, thus eliminating the possibility of absence. The vacuum tube volt-meter 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. The built-in power supply eliminates the inconvenience of questionable battery life, and time consuming replacement. The "Tube Caddy's" professional appearance immediately identifies you as a professional, and removes you from the implied hobbyist class. Case is anodized steel and measures 3 3/4" H., 8 1/4" W., 6" D. 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 ..... 9.95 Down ..... Net 99.55

### Model 615 Sweep and Marker Alignment Generator

Here is a complete single-unit black and white or color TV sweep and marker generator for visual alignment. Excellent attenuation and sweep linearity. Amplitude modulation less than 0.1 db/megacycle, and accuracy of at least 0.5% at any setting. Features marker outputs: 0.25 v.r.m.s. frequency; 2.5-55 mc, 19-50 mc, 54-108 mc, and harmonic 108-216 mc. Variable sweep width, 0-15 mc. Built-in 4.5 mc crystal provides dual markers for IF or RF alignment, and 4.5 MC signal for intercarrier sound alignment. 900 cps AM internal modulation possible. Also external sweep variable phasing, retrotrace blanking. Provision for internal marker mixing with FM or external heterodyned marker adder. Steel case of 13 1/4 x 16 1/4 x 8". For 110-120V. 50/60 cps. Shpg. wt., 39 lbs.

TE-273WX ..... 34.00 Down ..... Net 339.90

### Model 675A Wide Band Scope FOR COLOR & BLACK & WHITE

Excellent trace achieved by astigmatic focus control and illuminated, calibrated screen. Flexible attenuator and gain controls. High vertical sensitivity: 20 m.v. rms/in. Wide band: 1-4.5 MC  $\pm$  1.5 db., flat through 3.58 mc. Pulse rise time .08  $\mu$  sec. Horizontal response:  $\pm$  1.5 db, 1-450 K cps. with sensitivity 250 m.v. rms/in. Sweep frequency, 10-100K cps in 4 calibrated decade ranges with 10 to 1 vernier control. 10X time base expansion possible with complete positioning facility. Provides input for Intensity (Z-axis) modulation, also polarity reversal switch and internal voltage calibrator. For 105-125 v. 50-400 cps. 13 x 10 x 16". Shpg. wt., 43 lbs.

TE-274WX ..... 30.00 Down ..... Net 299.90  
TE-275 Type 35 Crystal Probe for Signal Tracing, (De-modulation) with #675A. Shpg. wt., 2 lbs. .... Net 6.25

### MODEL 850 ENGINEERS TRANSISTOR ANALYZER

- TESTS TRANSISTORS UNDER "CIRCUIT OPERATING" CONDITIONS
- CHECKS TRANSISTORS WITH COLLECTOR CURRENT UP TO 500 MA.

A low cost, accurate and easy to use analyzer designed to provide evaluations of a transistor under "circuit operating" conditions. The 850 is ideal as a breadboard to build up amplifiers, oscillators or a curve tracer. It checks parameters in any of three configurations—common base, common emitter, and common collector, and will check power transistors with collector current up to 500 MA. Panel selector permits operators choice of "circuit use" conditions to detect suitability of transistors to operate from signal sources of varying impedances. Portable 8" D. x 16 1/2" W. x 13" H. Shpg. wt., 22 lbs.

TE-271WX ..... 13.80 Down ..... Net 138.00

### Model 209A Vacuum Tube Volt-Ohm Milliammeter and Capacitance Meter

A true VTVM featuring 7 uuf input capacitance and 200 megacycles frequency response. Large, multi-colored and multi-range meter, ideal for high accuracy work. Cannot overload (except m.a. circuit). Polarity reversing switch for DC. Zero-center position provided. Measures: Capacitance, 0-10,000 uuf in 2 ranges, 0-1000 uuf in 5 ranges; Inductance, 50 mh-100h using conversion chart; Ohms, 0.1-10,000 megohm in 8 ranges. Volts, AC/DC, 0.3-12-30-120-300-1200. AC p-p, 0.3-12-30-120-300; DC Current, 0.3-12-30-120-300-1200 ma. Dc, -20 to +25 in 3 ranges. Zero center:  $\pm$  6 or  $\pm$  1.5. Input impedances: D.C. 12 meg; AC, 12 meg shunted by 7 uuf. (3 megs on 1200 v scale). For 105-125V, 50-70 cps. Complete with AC and DC probe, test leads, low capacity, high frequency probe. Portable case. Size 13 1/4 x 16 1/4 x 7". Shpg. wt., 25 lbs.

TE-276WX ..... 14.90 Down ..... Net 149.00  
TE-277 PR-30 KVA. High Voltage Probe for above. Extends range to 30 K.V. DC. Shpg. wt., 2 lbs. .... Net 16.40

### Model 455A Industrial Multimeter

A versatile, compact rugged portable VOM has unique overload cut-out system for complete protection of meter and all components regardless of the position of the single Function-and-Range selector switch. Uses full-wave bridge-type rectifier circuits. Reads: Ohms, 0-100 megohms in 4 ranges; Volts AC/DC, 3-15-60-150-600-1200 with 20k ohms/v sensitivity. Current: 0-50  $\mu$  a., 0-1-10-100-1000 m.a., 0-10 amps. With test leads. Less batteries. 8 1/2 x 5 3/4 x 3", tapering to 1 3/4". Shpg. wt., 5 1/2 lbs.

TE-278WX ..... 6.95 Down ..... Net 69.50  
TE-279 Attractive and durable neoprene carrying case for the above. Shpg. wt., 2 lbs. .... Net 9.00

### Model 225K Electronic VOM Kit

An electronic volt-ohmmeter designed for professional use featuring a large 9" accurately calibrated meter; protection against meter damage; a built-in audio-tone for convenient continuity test. Also zero-center control provided. Reads: Volts DC/AC, 0.1-5.3-12-30-120-300-1200; AC p-p, 0.4-8.32-80-320-800-3200; Ohms, 0-1000 meg in 7 ranges. Input impedance: DC, 10.5 megohm; AC, 10.5 megohm shunted by 150 uuf. Frequency response, 40 cps to 3.5 mc flat. Complete with test lead, dual purpose AC-DC probe and instruction book for step-by-step easy assembly. Attractive portable steel case with etched aluminum panel. For 105-125V, 50-800 cps. 13 1/4 x 16 1/4 x 7". Shpg. wt., 23 lbs.

TE-280WX ..... 5.95 Down ..... Net 59.50

### MODEL 800 DYNAMIC TUBE TRANSISTOR AND DIODE CHECKER

This precision instrument features a new leakage and shorts test that checks leakage between tube elements up to 10 megohms. 4-5-6-7 pin octal, octal, novel, 7 pin miniature and 2 transistor sockets are provided. Three micromha 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 1/4 W x 11 1/4 L x 7 1/4" D. Shpg. wt., 18 lbs.

TE-272WX ..... 15.95 Down ..... Net 159.50

### New! Model 121 Portable "Cardmatic" Automatic Tube Tester

Lightweight, portable precision automatic tube tester of the highest quality. Automatic push button control and filing feature permit precise Typical — Operation checks of any tube in 8 to 12 seconds. Exact testing conditions set up by field-proven HICKOK Cardmatic Switch for all tubes, including those under development. 325 cards furnished, additional ones available @ 10¢. Features: 10 tube sockets. Automatic selection of 320 heater voltages, 140 fixed bias potentials, 640 plate voltages, 640 screen voltages, 100 self-bias settings, and 1000 Quality-Value Sensitivity ranges. Tests Gm, shorts and interelement leakages, grid emission, balance between twin type tubes, and quantitative measurement of heater — cathode leakages. Also sensitive gas test. Sturdy portable case in red leatherette with brass finish hardware. For 105-125V AC 50-70 cps. 19 1/4" x 13 1/4" x 8". Shpg. wt., 39 lbs.

TE-281WX ..... 29.95 Down ..... Net 299.50

### Model 539B Tube Tester

Precision Laboratory portable tester for complete, dependable evaluation of electron tubes. Self-bias conditions may be applied to grid under test. New VR test under simulated operating conditions. Also tests selenium rectifier and germanium diode. Built-in replaceable roll chart lists setting for all the latest tubes. Features 6  $\mu$ hm. ranges: 60,000-30,000-15,000-6,000-3,000-600 for accurate Gm testing of all receiving-type tubes. Provides 4 AC signals (0.25, 0.5, 1, or 2.5V) for the grid. Independent vernier controlled grid bias, indicated by DC voltmeter. A separate AC meter for line voltage check. Measures plate and heater current in m.a. and leakage to 50 megohms. Tests gas content, efficiency of cathode, tube noise and tube matching. Also rectified DC voltage for each element of the tube. For 110-125 Vac 60 cps. 16 1/4 x 18 1/4 x 7 1/4". Shpg. wt., 35 lbs.

TE-282WX ..... 41.50 Down ..... Net 415.00

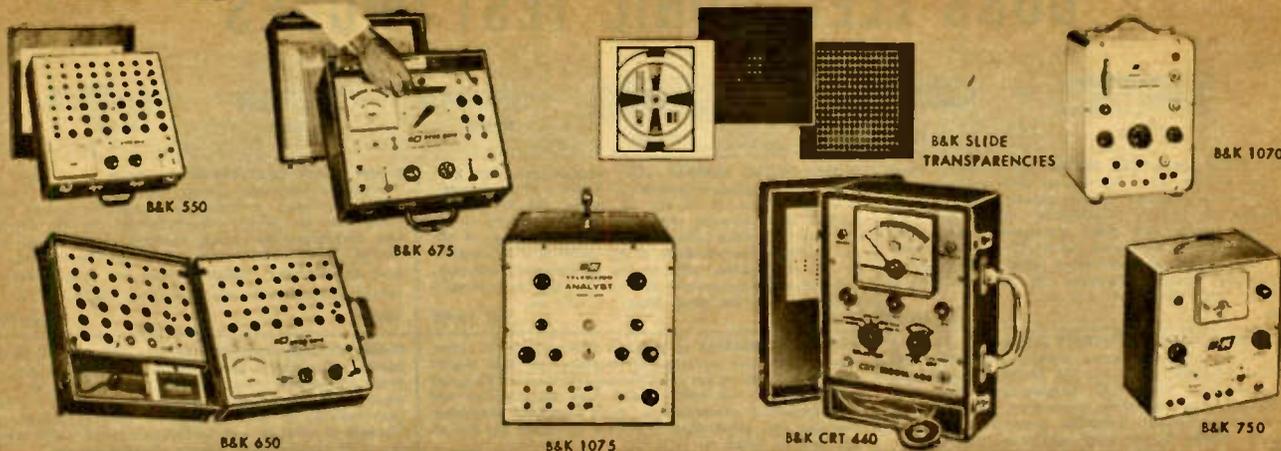
### HICKOK EQUIPMENT/ACCESSORIES

We carry the complete Hickok line.

STOCK NO.	MFR. NO.	DESCRIPTION	lbs.	NET
TE-283WX	123	Automatic tube tester	55	499.50
TE-284WX	123A	Automatic tube tester	57	499.50
TE-285	—	Punch and card set	3	20.00
TE-286WX	660	Color Dot-Bar TV gen.	21	243.00
TE-287WX	752	Field part. tube tester	25	298.00
TE-288WX	760	Video scanner	50	372.00
TE-289WX	6000	Portable tube tester	21	189.25
TE-290WX	6000C	Counter tube tester	20	195.00
TE-291WX	6005	Part. tube set tester	2	231.00
TE-292	CRT	C. R. T. adaptor	2	12.10
TE-293	RSP3A	Socket plate	5	19.80
TE-294	RSP3B	Socket plate	5	19.80
TE-295	SA1	Socket adaptor	2	5.95



# PROFESSIONAL TEST EQUIPMENT



## 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 of correct filament voltages from 1 to 12 volts, including new 2.34, 2.68 and 8.4 volt tubes, new 110" tubes. Checks and corrects each gun of color tube separately. Restores emission and brightness. Checks leakage. Repairs inter-element shorts and open circuits. Life Test checks gas content, and predicts remaining useful life of the picture tube. Grid cut-off reading indicates the picture quality. Gives quick reading at a glance. Has 4 1/4" plastic meter. For 105-125 volts, 50/60 cps. Size: 14 x 8 x 4 1/4". Shpg. wt., 12 lbs.

TE-570 ..... 6.86 Down ..... Net 68.55

## B&K MODEL 750 CALIBRATOR

Stop losses due to inaccurate instruments. Check and adjust your test instruments with laboratory accuracy. Calibrates V-O-M's, VTM's, ohmmeters, milliammeters, signal generators, sweep generators, marker generators, oscilloscopes by providing standard dc and ac voltages (DC—2, 5, 25, 100 and 300 volts; AC—5, 25, 100 and 300 volts  $\pm$  1% or better). Provides standard resistances: 10, 100, 1000, 10,000, 100,000 and 10 megohms; also crystal oscillator for generating well over 300 MC with accuracy of .1% and built-in tone generator for audio checking. Size: 8 1/2" x 8" x 5 1/2". Shpg. wt., 8 lbs.

TE-571 ..... 5.39 Down ..... Net 53.85

## MODEL 1070 DYNA-SWEEP CIRCUIT ANALYZER

Invaluable in any service shop, this instrument simplifies servicing, saves time and work. Facilitates rapid checks in the sync and sweep sections of a TV receiver. Checks for shorted tubes, leakage, opens, short circuits and continuity. Eliminates trial and error replacements. "Go-No-Go" indicator lights quickly pin-point and reveal hard-to-find troubles in the output transformer, or the high-voltage network. Also permits direct vertical plate drive injection and vertical yoke test. Provides plate drive signal for vertical output stage to check complete vertical circuit, including V. O. transformer. Provides horizontal plate driving signal to directly drive TV horizontal output driver circuit. Has B+ boost indicator. Size 9 1/2" x 7 x 5". Shpg. wt., 11 lbs.

TE-576 ..... 6.86 Down ..... Net 68.55

## MODEL 1075 TV ANALYST

The 1075 TV Analyst provides practically a complete TV service shop in one easy-to-use instrument with unique point-to-point signal-injection technique. Generates r.f. for TV channels 2-6 and 7-13, and covers i.f. range from 25 mc to 45 mc. Provides a flying spot scanner for generating complete video signals, such as a TV test pattern. Provides separate vertical and horizontal driving pulses for trouble-shooting deflection circuits. Stable test signal injection quickly pin points the trouble spot. Generates white dot, crosshatch and color bar patterns on the TV screen. Has a complete 4.5 mc freq. modulated sound system with 400 cycle tone generator. All these signals are available on the front panel for rapid signal substitution. Comes with 6 ft. r.f. cable and 3 output cables. For 110-120 V., 50-60 cycle a.c. Size: 16 1/2" x 10 1/2" x 9 1/2". Shpg. wt., 36 lbs.

TE-573WX ..... 25.48 Down ..... Net 254.75

## MODEL A107 CIRCUIT ANALYZER

All the features of the Model 1070 described on this page, but is not self contained. Use Model 1075 for driving source. Size: 9 1/2" x 7 x 5". Shpg. wt., 10 lbs.

TE-574 ..... 5.00 Down ..... Net 48.95

## MODEL 675 AUTOMATIC DYNA-QUIK TUBE AND TRANSISTOR TESTER

This compact, lightweight, and portable tester gives laboratory-accurate tests. Tests each section of multiple tubes separately for Gm, shorts, grid emission, and life. Tests each tube for gas content and grid emission simultaneously with short check. Provides instantaneous heater continuity test. Provides simplified automatic Dyno-Card system to test over 600 tube types. Each Dyno-Card is identified, indexed, and ready to use. Checks over 99% of the tubes most widely used in TV receivers, and radios. Transistor section checks junction, point contact and barrier transistors, germanium and silicon diodes, selenium and silicon rectifiers. Has separate sockets for NPN and PNP type transistors. Shows tube condition on "Good-Bad" scale and in micromhos. Large 4 1/2" meter has 2 highly accurate ranges; 7-pin and 9-pin straighteners are mounted on panel. Automatic line compensation and special bridge monitors line voltage continuously. In leatherette-covered carrying case. For 105-125V., 60 cycle AC. Size 15 1/2" x 12 1/2" x 6". Shpg. wt., 13 lbs.

TE-572WX ..... 16.75 Down ..... Net 166.55

B&K SLIDE  
TRANSPARENCIES

B&K 1070

B&K 550

B&K 675

B&K 650

B&K 1075

B&K CRT 440

B&K 750

## MODEL 1075 ACCESSORIES SLIDE TRANSPARENCIES

STOCK NO.	MODEL NO.	DESCRIPTION	NET
TE-579	10H	TV Analyst Test Pattern	.64
TE-580	10D	White Dot Pattern	.64
TE-581	10L	White Line Pattern	.64
TE-582	10BC	Color Bar Pattern	.64
TE-583	10C	Clean Acetate Slide. Pkg. 6	3.43
TE-584	Pkg. 5	Slides Assorted	3.14

FLOOR STANDS (Not Illustrated)

With 4 drawers for tube inventory.

Shpg. wt., 65 lbs.

STOCK NO.	MODEL NO.	DESCRIPTION	NET
TE-641WX	F55	For Model 550	97.95
TE-642WX	F65	For Model 650	97.95
TE-643WX	F67	For Model 675	97.95

## NEW MODEL 550 DYNA-QUIK TUBE TESTER

Makes tests under the actual dynamic operating conditions of the TV set. The new "550" measures true dynamic mutual conductance with laboratory accuracy. Tests tubes for shorts, grid emission, gas content, and leakage. Shows tube condition on "Good-Bad" scale and in micromhos. Most commonly used tube types, with settings, are listed directly on socket panel for fastest operation. Convenient, complete reference chart in case. Automatic line voltage compensation. 7-pin and 9-pin straighteners on panel. 4 1/2" plastic meter. For 105-125 V., 50/60 cycle AC. In luggage type case. Size: 15 1/2" x 15 x 6 1/2". Shpg. wt., 18 lbs.

TE-577WX ..... 11.76 Down ..... Net 117.55

## B&K NEW MODEL 650 TUBE TESTER

This new Model 650 Dyno-Quick is a most complete portable dynamic mutual conductance tube tester and transistor tester. Tube section will test 99% of all tubes in use—and complete the test in a matter of seconds. Will also test each section of a multiple tube separately. Condition shown on "Good-Bad" scale and in 4 1/2" scale accurately calibrated 0-6000 or 0-18,000  $\mu$ mho scales. Transistor section tests junction, point contact and barrier transistors, germanium and silicon diodes, selenium and silicon rectifiers. Has separate sockets for NPN and PNP types. Remarkably compact and portable. Size 15 1/2" x 15" x 6 1/2". Shpg. wt., 22 lbs.

TE-578WX ..... 16.66 Down ..... Net 166.55

## PHAOSTRON VOM'S

### PHAOSTRON 555A VOM

This expertly designed multimeter has double magnetic shielding for extreme accuracy. Features 4 large easy-to-read color scales on a 4 1/2" scale; meter movement protection up to 1000 times overload; separate Range and Function switches; 3% DC, 4% AC permanent accuracy. Sensitivity: 20,000 ohms per volt DC; 2000 ohms per volt AC. AC current ranges: 0-1.5-5-15-50-150-500-1500 ma. and 0-15 amps. DC current ranges: 0-50-150-500 microamps, 0-1.5-5-15-50-150-500-1500 ma. and 0-15 amps. Resistance: 0-1000-100,000 ohms; 0-1-10 megohms. AC and DC Volts: 0-1.5-5-50-500-1500. Metal case with die cast bezel. 6 1/2" x 4 1/2" x 2 1/2". Shpg. wt., 5 lbs.

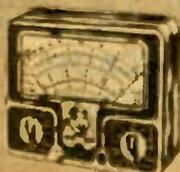
TE-585 ..... 5.38 Down ..... Net 53.85

TE-586—Genuine leather case for 555A. 1 lb. Net 7.99

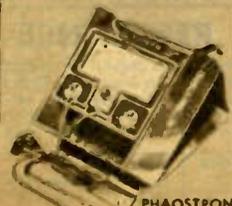
### MODEL 666 VOM

Deluxe VOM is fused to prevent most common burn-outs and instrument damage. Has complete meter movement overload protection. DC Voltmeter: 7 ranges from 0-1500 V. full scale; sensitivity 20,000 ohms/V;  $\pm$  3% full scale accuracy. AC Voltmeter: 7 ranges from 0-1500 V. full scale. Sensitivity 2,000 ohms/V;  $\pm$  4% full scale accuracy. DC Current Meter: 11 ranges from 0-300 microamps, 0-15 ma., and 0-15 amps full scale;  $\pm$  3% full scale accuracy. AC Current Meter: 8 ranges from 0-1500 ma.; 0-15 amps. full scale;  $\pm$  4% full scale accuracy. Ohm meter: 4 ranges—R x 1, x 100, x 1K, x 10 K. Decibel meter has 6 ranges. Complete with batteries, power cord, probes, and leather carrying case. Size 6 1/2" x 7 1/2" x 3 1/2". Shpg. wt., 6 lbs.

TE-587 ..... 6.32 Down ..... Net 63.21



PHAOSTRON  
555A



PHAOSTRON  
666

TEST EQUIPMENT IS AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# DOSS—AMPROBE AND SELECTED TEST EQUIPMENT DOSS ELECTRONIC TEST PROBES



**D-100 SWEEP ANALYZER PROBE**—An extremely small instrument utilizing both the vertical and horizontal amplifiers of the oscilloscope, quickly detects inductive shorts or leakages in flyback transformers, yokes, deflection transformers, power and audio transformers, and motor windings. Takes the guesswork out of TV servicing, eliminates the necessity of substituting yokes or transformers for "doubtful" parts. Eliminates the costly stacking of unnecessary parts. Shpg. wt., 1 1/2 lbs.

TE-590 ..... Net 16.95

**D-600 ELECTROLITIC SUBSTITUTE** Designed to shunt test all electrolytic capacitors on two ranges (10-40 MFD-450V) (50 MFD & UP-450V). A unique new circuit allows the test to be accomplished without the charging surge which often heats the defective electrolytic temporarily, thus destroying the test. Neon Indicator identifies when D-600 is ready for testing. Handy thumb switch selects all functions.

TE-593 ..... Shpg. wt., 1 lb. Net 8.95

**D-200T VIDEO MASTER**—New transistorized high gain video signal tracing instrument. Contains a RF stage tuned to either 20 mc. or 40 mc. IF ranges. The RF stage is coupled to a frequency compensated video detector circuit and low impedance output. The result is a means of observing the video waveform at any point of a TV receiver on any oscilloscope, with no loss of frequency response, and with sufficient gain to observe the signal even directly at the output of the tuner. Shpg. wt., 1 1/2 lbs.

TE-59 ..... Net 19.95

**D700 SYNC MASTER** is designed expressly for all video, sync, sweep, and audio signal tracing. The Sync Master may be matched to any oscilloscope—using only TV signals—by means of two built-in calibrating controls—low and high frequency compensation. Adds frequency compensation and step attenuation X10-X100 to scopes not having this facility. Shpg. wt., 1 1/2 lbs.

TE-594 ..... Net 10.95

**D-500 SLAVE OSCILLATOR**—Contains two "slave" oscillators: a horizontal sweep oscillator, and a vertical sweep oscillator, arranged in probe instrument form. Either may be quickly substituted for the TV receiver's own oscillator. The probe contains a Horizontal Hold control, Vertical Hold control, Vertical Size control, and Sync Control jack. Isolates sweep and sync troubles in record time and with minimum effort. Shpg. wt., 2 lbs.

TE-591 ..... Net 19.95

**D-400 Hi Leak Analyzer**—applies 100 volts DC to component being tested. Quick checks capacitors for any condition of leakage or open circuit. Tests leakage up to 500 megohms in any capacitor within range of 0 to 1.0 MFD. Tests leakage up to 500 megohms between cathode and filament of tubes as well as between primary and secondary of IF transformers. Flyback transformers etc.

TE-595 ..... Shpg. wt., 1 1/2 lbs. Net 12.95

## 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  $\pm 3\%$ . Designed for 60 cycle circuits. Have impact-proof cases, unbreakable plastic magnifying meter window. Use printed circuit design, self-shielded meter movement. Shpg. wt., approx. 2 lbs.

**AMPROBE RS-1** features six ranges; AC AMPS: 0.5-15-40-100, AC Volts 0-150-600. Measures up to 1 1/16" dia. conductors, to 1 1/16" x 1/2" bars. 7 1/2" long, 2 1/4" wide, 1 1/2" thick. Scale length 2 1/2". Includes genuine top-grain cowhide leather case. Shpg. wt., 2 lbs.

TE-607 ..... 5.00 Down Net 39.85

**Amprobe RS-2**. Substantially identical to model RS-1 except has 0-150-300 volts AC range. Shpg. wt., 2 lbs.

TE-608 ..... 5.00 Down 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 ..... 5.25 Down Net 32.50

## CARRYING CASES

Genuine top-grain cowhide leather. Model G—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 D for A50, A50-1. Shpg. wt., 12 oz. Net 3.50

TE-610 ..... Shpg. wt., 12 oz. Net 4.00

TE-611 ..... Shpg. wt., 12 oz. Net 2.85

TE-612 ..... Shpg. wt., 12 oz. Net 3.50

## EMC TRANSISTOR CHECKER

A neat completely wired checker for all P-N-P and N-P-N transistors. Measures Gain in 3 ranges permitting test without meter needle going off scale. Measures leakage on 2 color "Pass-Good" scale. Housed in molded bakelite case with an attractive black painted aluminum panel neatly lettered in white. Complete with four 1 1/2 volt penlight batteries, instructions and mfr's. typical GAIN figures. Size: 6 1/2" x 3 1/2" x 2". Shpg. wt., 12 lbs.



EMC MODEL 210 ..... Net 10.95  
TE-599

**AMPROBE JUNIORS**—Lighter duty, smaller versions of standard Amprobes. Will measure up to 1/2" dia. conductors. 4 1/2" long, 1 1/4" thick, 2 1/2" wide. 1.8" long scale. Rugged construction with ribbed, non-slip case. Shpg. wt., 1 lb. for 60 cycle AC.

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	Y250	0-25	0-150-600	19.85
TE-618	Y500	0-50	0-150-600	19.85
TE-619	Y500	0-100	0-150-600	19.85

**MODEL A-40 AMPROBE ENERGIZER**—Performs 3 functions: By connecting between appliance being tested and power source, the "Energizer" "spliffs" 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. Shpg. wt., 1/2 lb.

TE-62D ..... Net 3.75

**MODEL A-50 DECA-TRAN**—Designed to be used with any amprobe. It extends amperage readings by 10 times. For example, by using the A-50 in conjunction with a model RS1, you can obtain an actual current reading of 1200 full amperes. More than fills requirements of all normal and most special purpose applications. wt., 3 lbs.

TE-621 ..... 5.00 Down Net 24.75

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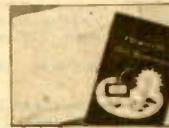
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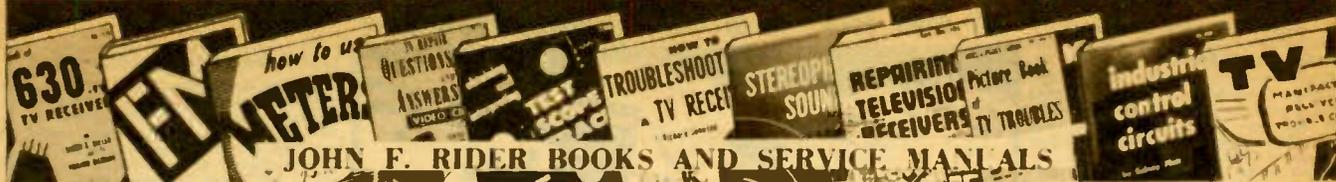
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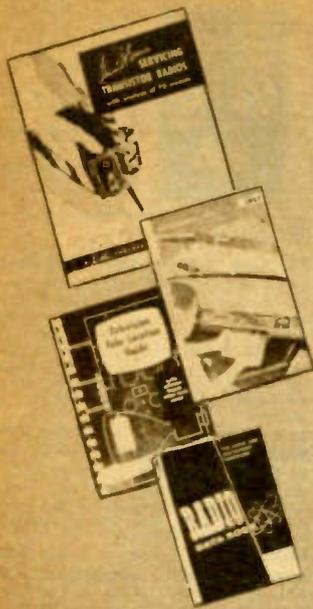
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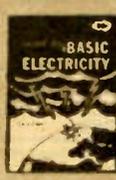
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IF pages for most popular radios.</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>VOL.</th> <th>YEAR</th> <th>PAGES</th> <th>NET</th> </tr> </thead> <tbody> <tr><td>BK-1234</td><td>19</td><td>1959</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1233</td><td>18</td><td>1958</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1232</td><td>17</td><td>1957</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1231</td><td>16</td><td>1956</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1230</td><td>15</td><td>1955</td><td>192</td><td>2.00</td></tr> <tr><td>BK-1229</td><td>14</td><td>1954</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1228</td><td>13</td><td>1953</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1227</td><td>12</td><td>1952</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1226</td><td>11</td><td>1951</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1225</td><td>10</td><td>1950</td><td>192</td><td>2.50</td></tr> <tr><td>BK-1224</td><td>9</td><td>1949</td><td>160</td><td>2.50</td></tr> <tr><td>BK-1223</td><td>8</td><td>1948</td><td>192</td><td>2.00</td></tr> <tr><td>BK-1222</td><td>7</td><td>1947</td><td>192</td><td>2.00</td></tr> <tr><td>BK-1221</td><td>6</td><td>1946</td><td>192</td><td>2.00</td></tr> <tr><td>BK-1220</td><td>5</td><td>1942</td><td>192</td><td>2.00</td></tr> <tr><td>BK-1219</td><td>4</td><td>1941</td><td>192</td><td>2.00</td></tr> <tr><td>BK-1218</td><td>3</td><td>1940</td><td>208</td><td>2.00</td></tr> <tr><td>BK-1216</td><td>1</td><td>1924-1938</td><td>240</td><td>2.50</td></tr> </tbody> </table>	NO.	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<p><b>RADIO SERVICING BY COMPARISON</b> Introduces a remarkably simplified technique of radio repairing — the comparison method. Voltammeter is only equipment needed — point-to-point circuit, cross-reference locates faults instantly. Applicable to any radio, old or new. 1000 service hints. Includes 26 large circuit blueprints. 92 pages. 8½" x 11"</p> <p>BK-1244—Postpaid in U.S.A. Net 1.50</p> <p><b>RCA BOOKS</b></p> <p><b>RADIOTRON DESIGNERS HANDBOOK.</b> New 7th edition. Giant 1500 page volume. Essential information for students, engineers, technicians. 1000 illustrations and a cross-referenced index of 7,000 items. BK-2—Postpaid in U.S.A. Net 7.00</p> <p><b>RCA TUBE MANUAL RC-19.</b> Enlarged new edition of famous RCA manual. Complete technical data on all current tubes, including new series — string TV types and picture tubes. Tuner, receiver, amplifier, intercom, and other circuit diagrams, socket diagrams, tube dimension drawings, resistance-coupled amplifier data, tube curves, etc. 352 pages.</p> <p>BK-1—Postpaid in U.S.A. Net .75</p>	<p><b>COYNE PUBLICATIONS ON RADIO AND TELEVISION</b></p> <p><b>DEFLECTION, SOUND, POWER SUPPLIES IN TV (CTB-61).</b> Explains principles and performance of sync, sweep, sound, and power sections of TV receivers from servicing angle. Text includes deflection systems, sound systems, and power supplies, with explanations of operating principles whenever they are helpful for troubleshooting, adjustment or alignment. 5½" x 8½", 200 pgs., illustrated. BK-208—Postpaid in U.S.A. Net 1.75</p> <p><b>TECHNICAL DICTIONARY (CTB-100).</b> Handy for servicemen, technicians, experimenters, "hams", students, stenographers. Covers 4000 definitions of Radio, Television, Electronic, Electrical and Radar terms. Data section includes reference material with charts, graphs, diagrams and symbols. Flexible case bound. 5½" x 8½", 160 pages.</p> <p>BK-220—Postpaid in U.S.A. Net 2.00</p> <p><b>TV AND RADIO HANDBOOK (CTB-5).</b> Complete coverage of radio-TV service problems and solutions. Covers most frequently encountered troubles in radio servicing. Offers short-cut, time-saving and work-saving solutions. Illustrated with hundreds of charts, diagrams, tables and circuits. 4½" x 7½", 375 pgs.</p> <p>BK-211—Postpaid in U.S.A. Net 2.75</p> <p><b>PINPOINT TV TROUBLES IN 10 MINUTES.</b> A most useful TV servicing book. Pinpoints the exact trouble in video or sound stages in any TV set. Spiral bound book has over 300 fast reference pages containing over 700 possible troubles, 50 check charts. 290 important diagrams and photos. Nothing like it for super fast work.</p> <p>BK-207 Postpaid in U.S.A. Net 3.95</p> <p><b>POPULAR COYNE BOOKS</b></p> <p>(CTB-3) Testing Instruments for Servicing Radio-TV Net 3.25</p> <p>BK-209</p> <p>(CTB-4) Practical TV Servicing &amp; Trouble Shooting Net 4.25</p> <p>BK-212</p> <p>(CTB-11) Application of Radio and TV Principles Net 3.25</p> <p>BK-216</p> <p>(CTB-12) Radio, TV and FM Receivers Net 3.25</p> <p>BK-217</p> <p>(CTB-13) Radio and TV Circuits Net 3.25</p> <p>BK-218</p> <p>(CTB-50) COMPLETE 5 VOL. SET ABOVE (1780 PAGES) Net 15.00</p> <p>BK-228</p> <p>(CTB-1) TV Servicing Encyclopedia Net 5.95</p> <p>BK-210</p> <p>(CTB-8) Bigger Profits in TV Net 1.50</p> <p>BK-213</p> <p><b>PINPOINT RECORD CHANGER TROUBLES IN 10 MINUTES.</b> Helps identify and fix record changer troubles right in the home. Covers every American changer plus many foreign ones, also helps locate audio troubles. Over 320 spiral bound pages for fast reference, 450 time saving photos, 58 check charts. Fully indexed.</p> <p>BK-206 Postpaid in U.S.A. Net 3.95</p>																																																																																																	
<p>TAKE ADVANTAGE OF LAFAYETTE'S LIBERAL EASY PAYMENT PLAN — SEE PAGE 302</p>																																																																																																		

# BUD METAL CHASSIS, CABINETS

## STEEL AND ALUMINUM CHASSIS BASES

Made from one piece of steel or aluminum. All corners reinforced and spot welded. 4 sides are folded at bottom. Available either zinc plated or in black wrinkle finish. Steel chassis are 20 gauge, except  $\frac{1}{2}$  are 22 and  $\frac{3}{8}$  are 18. Aluminum are 16 aluminum gauge except  $\frac{1}{2}$  are 14 and  $\frac{3}{8}$  are 18. \* Indicates punched for chassis mounting brackets.

## OPEN-END CHASSIS

Electro-zinc plated chassis of U shaped construction with ends folded over  $\frac{1}{2}$ " for additional strength. Specially adaptable to various styles and sizes of Bud cabinets listed below.

Bud No.	Size Inches			Wt. Lbs.	1-24			25-49			50-99		
	D	W	H		1-24	25-49	50-99	1-24	25-49	50-99	1-24	25-49	50-99
CB-38	7 $\frac{1}{2}$ x7 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	.88	.88	.88	.78						
CB-30	7 $\frac{1}{2}$ x1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	.85	.85	.85	.76						
CB-41	7 $\frac{1}{2}$ x1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.21	1.21	1.09	.96						
CB-39	7 $\frac{1}{2}$ x7 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.14	1.14	1.02	.91						
CB-956	7 $\frac{1}{2}$ x7 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.07	.96	.85							
CB-976	7 $\frac{1}{2}$ x7 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.37	1.24	1.11							
CB-40	7 $\frac{1}{2}$ x10 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.34	1.21	1.07							
CB-997	7 $\frac{1}{2}$ x11 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.27	1.15	.99							
CB-998	7 $\frac{1}{2}$ x11 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.56	1.40	1.24							

## MINIATURE OPEN-END ALUMINUM CHASSIS

Ideal for small amplifiers, oscillators and miniature assemblies. Made of hard aluminum with  $\frac{1}{2}$ " flanges on bottom for chassis to be fastened down or for bottom plate. Average shipping wt., 8 oz.

Bud No.	Size Inches			Wt. Lbs.	1-24			25-49			50-99		
	D	W	H		1-24	25-49	50-99	1-24	25-49	50-99	1-24	25-49	50-99
CB-1623	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 1 $\frac{1}{2}$			.37	.33	.29							
CB-1624	1 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 1			.41	.37	.33							
CB-1625	2 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 1			.47	.42	.37							
CB-1626	2 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 1			.44	.39	.35							
CB-1627	3 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 1 $\frac{1}{2}$			.44	.39	.35							
CB-1628	3 $\frac{1}{2}$ x 6 $\frac{1}{2}$ x 1 $\frac{1}{2}$			.52	.47	.41							
CB-1629	5 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 1 $\frac{1}{2}$			.86	.80	.75							
CB-1617	4 x 3 $\frac{1}{2}$ x 1			.49	.44	.39							
CB-1618	4 x 4 $\frac{1}{2}$ x 1			.49	.44	.39							
CB-1619	4 x 5 $\frac{1}{2}$ x 1			.52	.47	.41							
CB-1620	4 x 6 $\frac{1}{2}$ x 1			.54	.48	.43							

## MINIATURE SPEAKER CASES

A handy, convenient housing for midget speakers. Finished in black wrinkle. Ideal for miniature extension speakers. Shpg. wt., 1 $\frac{1}{2}$  lbs.

Bud No.	Skr Size	Wt. Lbs.		
		1-49	50-99	100-149
CS-1685	3"	1.55	1.38	1.23
CS-1686	3"	1.55	1.39	1.23

## MINIATURE UTILITY CABINETS WITH ATTACHED CHASSIS

Small cabinets with chassis attached to front panel. Front and rear panels are removable and fastened with self-tapping screws. Black wrinkle finish.

Bud No.	Size Inches H x W x D	Chassis Size	Wt. Lbs.	1-49			50-99			100-149		
				1-49	50-99	100-149	1-49	50-99	100-149	1-49	50-99	100-149
C-1793	4 $\frac{1}{2}$ x2	1 $\frac{1}{2}$ x3 $\frac{1}{2}$ x1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.31	1.19	1.09						
C-1794	4 $\frac{1}{2}$ x2	1 $\frac{1}{2}$ x4 $\frac{1}{2}$ x1 $\frac{1}{2}$	1 $\frac{1}{2}$	1.45	1.31	1.16						
C-1795	5 $\frac{1}{2}$ x3 $\frac{1}{2}$	1 $\frac{1}{2}$ x3 $\frac{1}{2}$ x2 $\frac{1}{2}$	1 $\frac{1}{2}$	1.59	1.43	1.27						
C-1796	6 $\frac{1}{2}$ x4	1 $\frac{1}{2}$ x4 $\frac{1}{2}$ x2 $\frac{1}{2}$	2 $\frac{1}{2}$	1.67	1.50	1.33						
C-1797	5 $\frac{1}{2}$ x4	1 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$	2 $\frac{1}{2}$	1.88	1.70	1.51						
C-1798	6 $\frac{1}{2}$ x6	1 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{1}{2}$	3 $\frac{1}{2}$	2.13	1.91	1.71						

## DELUXE CABINET RACKS

16 gauge steel with welded joints and rounded corners. Recessed hinged door. Units marked \* also have hinged rear door. Louvered sides and 2 $\frac{1}{2}$ " rear opening provide ventilation. Tapped for 10/32" screws. All are 22" wide, 14 $\frac{1}{2}$ " deep.

Bud No.	Gray Bud No.	Overall Height	Panel Space	Wt. Lbs.	1-14			15-24			25-36		
					1-14	15-24	25-36	1-14	15-24	25-36	1-14	15-24	25-36
CR-1726B	CR-1726B	8-25/32"	7 $\frac{1}{2}$ "	25	14.98	13.47	11.98						
CR-1741B	CR-1741B	10-9/16"	8 $\frac{1}{2}$ "	37	16.37	14.73	13.09						
CR-1740B	CR-1740B	12-3/16"	10 $\frac{1}{2}$ "	30	18.74	16.87	14.99						
CR-1742B	CR-1742B	14-1/16"	12 $\frac{1}{2}$ "	32	19.72	17.75	15.78						
CR-1739B	CR-1739B	15-13/16"	14 $\frac{1}{2}$ "	34	21.52	19.36	17.22						
CR-1743B	CR-1743B	19-5/16"	17 $\frac{1}{2}$ "	38	25.70	23.13	20.56						
CR-1727B	CR-1727B	22-13/16"	21 $\frac{1}{2}$ "	39 $\frac{1}{2}$	27.50	24.74	22.00						
CR-1744B	CR-1744B	28-1/16"	26 $\frac{1}{2}$ "	47 $\frac{1}{2}$	28.84	25.84	22.84						
CR-1728B	CR-1728B	33-5/16"	31 $\frac{1}{2}$ "	52	51.34	28.20	25.07						
CR-1745B	CR-1745B	36-13/16"	35 $\frac{1}{2}$ "	60	32.88	29.68	26.38						

Size Inches D W H	Zinc Plated			Black Wrinkle			Aluminum								
	Bud No.	Wt. Lbs.	1-24	25-49	50-99	Bud No.	Wt. Lbs.	1-24	25-49	50-99	Bud No.	Wt. Lbs.	1-24	25-49	50-99
4x6x3	...	...	...	...	...	AC-430*	1	1.31	1.19	1.05	AC-431*	1	1.08	.97	.88
4x6x2	...	...	...	...	...	AC-404*	1	1.15	1.03	.92	AC-405*	1	1.39	1.25	1.12
5x7x2	CB-629†	1 $\frac{1}{2}$	1.27	1.18	1.02	CB-628†	1	1.05	.94	.84	AC-420	1	1.21	1.09	.96
5x9 $\frac{1}{2}$ x2	CB-645†	1 $\frac{1}{2}$	1.64	1.47	1.31	CB-644†	1	1.34	1.21	1.08	AC-403*	1	1.21	1.09	.96
5x9 $\frac{1}{2}$ x1 $\frac{1}{2}$	CB-776†	1 $\frac{1}{2}$	1.66	1.49	1.32	CB-788†	1	1.17	1.06	.96	...	...	...	...	...
5x9 $\frac{1}{2}$ x3	CB-605†	1 $\frac{1}{2}$	1.80	1.63	1.44	CB-604†	1	1.24	1.12	1.00	AC-421*	1	1.87	1.41	1.25
5x10x3	...	...	...	...	...	CB-604†	1	1.24	1.12	1.00	AC-422*	1	1.60	1.44	1.27
6x14x3	CB-756	2	2.01	1.81	1.61	CB-755	1	1.71	1.55	1.37	...	...	...	...	...
6x17x3	...	...	...	...	...	CB-755	1	1.71	1.55	1.37	AC-433	1 $\frac{1}{2}$	2.62	2.35	2.10
7x7x2	CB-1191	1 $\frac{1}{2}$	1.47	1.32	1.18	CB-789	1	1.18	1.06	.94	AC-405*	1	1.32	1.20	2.06
7x9x2	CB-1192	1 $\frac{1}{2}$	1.56	1.40	1.24	CB-790	1	1.37	1.23	1.10	AC-406*	1	1.43	1.28	1.13
7x11x3	CB-1193	1 $\frac{1}{2}$	1.64	1.47	1.31	CB-791	1	1.42	1.28	1.14	AC-407*	1	1.55	1.39	1.23
7x12x3	CB-783	2	2.01	1.81	1.61	CB-792	1	1.54	1.39	1.23	AC-408*	1 $\frac{1}{2}$	1.96	1.78	1.51
7x13x2	CB-1194	2 $\frac{1}{2}$	1.89	1.70	1.51	CB-646	1	1.51	1.36	1.21	AC-409†	1	1.64	1.47	1.31
7x13x2 $\frac{1}{2}$	CB-1194	2 $\frac{1}{2}$	1.89	1.70	1.51	CB-647	1	1.74	1.58	1.39	...	...	...	...	...
7x15x3	CB-1195	2 $\frac{1}{2}$	2.35	2.12	1.88	CB-649	1	1.96	1.78	1.59	AC-411	1 $\frac{1}{2}$	2.62	2.35	2.10
8 $\frac{1}{2}$ x13x3	CB-666	2 $\frac{1}{2}$	2.66	2.39	2.13	CB-663	2	2.20	1.98	1.75	...	...	...	...	...
4x17x3	CB-1066	2 $\frac{1}{2}$	2.11	1.91	1.71	CB-1068	1	1.92	1.75	1.56	AC-432	1 $\frac{1}{2}$	2.28	2.06	1.82
7x17x2 $\frac{1}{2}$	CB-1199	2 $\frac{1}{2}$	2.32	2.09	1.88	CB-648	1	1.96	1.75	1.56	...	...	...	...	...
7x17x3	CB-758	2	2.54	2.28	2.03	CB-757	2	2.11	1.90	1.69	AC-423	1 $\frac{1}{2}$	2.69	2.43	2.16
8x10x2 $\frac{1}{2}$	CB-702	2 $\frac{1}{2}$	1.98	1.78	1.59	CB-701	1	1.69	1.52	1.35	...	...	...	...	...
8x12x2 $\frac{1}{2}$	CB-704	2 $\frac{1}{2}$	2.22	1.98	1.75	CB-703	1	1.72	1.55	1.37	...	...	...	...	...
8x12x3	CB-760	2	2.29	2.07	1.83	CB-758	1	1.83	1.64	1.45	AC-424	1 $\frac{1}{2}$	2.35	2.14	1.90
8x17x2	CB-774	2 $\frac{1}{2}$	2.29	2.07	1.83	CB-650	1	1.67	1.50	1.33	AC-425	2	2.48	2.21	1.97
8x17x3	CB-775	3 $\frac{1}{2}$	2.57	2.31	2.06	CB-651*	2	2.01	1.81	1.61	AC-412	1 $\frac{1}{2}$	2.78	2.51	2.22
10x12x3	CB-1195	3 $\frac{1}{2}$	2.20	1.98	1.78	CB-652	1	1.86	1.67	1.48	AC-413	1 $\frac{1}{2}$	2.62	2.35	2.10
10x14x3	CB-779	4 $\frac{1}{2}$	2.39	2.16	1.91	CB-653	2	2.00	1.80	1.60	AC-414	2	2.79	2.51	2.22
10x17x2	CB-780	3 $\frac{1}{2}$	2.34	2.11	1.87	CB-654*	1	1.96	1.78	1.57	AC-415*	1 $\frac{1}{2}$	2.63	2.36	2.10
10x17x3	CB-637	4 $\frac{1}{2}$	2.78	2.51	2.22	CB-636*	1	1.96	1.78	1.57	AC-416*	2 $\frac{1}{2}$	3.11	2.79	2.49
10x17x3	CB-1196†	4 $\frac{1}{2}$	2.99	2.69	2.39	CB-638*	2	2.49	2.24	1.99	...	...	...	...	

# BUD BOXES AND CASES

## STREAMLINED AMPLIFIER FOUNDATIONS

Consists of a standard 3" high chassis on which is mounted a removable top cover with chrome trim. Sturdy easy grip handles attached to chassis. Choice of 2 wrinkle finishes.

Black Bud No.	Gray Bud No.	Size Inches H x W x D	Wt. Lbs.	1-24	25-49	50-99
CA-1750B	CA-1750G	9 x 10-1/16 x 5	6	6.22	5.96	5.30
CA-1751B	CA-1751G	9 x 12-1/16 x 7	7	7.86	7.08	6.29
CA-1752B	CA-1752G	9 x 17-1/16 x 10	10	8.35	7.52	6.68
CA-1753B	CA-1753G	9 x 17-1/16 x 10	12	9.08	8.17	7.27

## PRESTIGE CABINETS

The ultimate in fine cabinets. Features include hinged covers that swing back completely; grommeted finger holes and recessed handle slots for ease in lifting cover and carrying cabinet; ventilated back and louvers rear of cover; 2 rails can be moved laterally to accommodate chassis of different widths. Takes standard rack panels. Built of 16 gauge steel with embossed feet. Overall width 21-9/16"; overall depth 14 1/4"; clear inside depth 13 1/4"; rear opening 18" x 3"; cover opening 21-9/16" x 12 1/4". Gray hammer-tone finish. \* have perforated covers, others solid. Sloping panel types of basically similar construction, have ventilated tops, shielded handles in sides. Panel trim bar removable for installation of panels with chassis attached. Cover can be screw fastened. Overall width 22", rear opening 18" x 2 1/4". Panel recess 1 1/4", top depth 9"

Bud No.	Height	Panel Space	Wt. Lbs.	1-14	15-24	25-34
C-1448	9 1/4"	7"	21	27.65	24.89	22.13
C-1441	11 1/2"	8 1/2"	23	29.46	26.51	23.57
C-1442	13"	10 1/2"	25	32.16	28.95	25.73
C-1550*	9 1/4"	7"	20	29.95	26.95	23.96
C-1551*	11 1/2"	8 1/2"	22	32.08	28.87	25.96
C-1552*	13"	10 1/2"	24	34.86	31.37	27.90

## SLOPING PANEL TYPE

Bud No.	Height	Panel Space	Depth	Overall	Slope	Wt. Lbs.	1-14	15-24	25-34
C-1555	11 1/2"	14 1/2"	3 1/2"	7"	7"	22	35.28	31.75	28.22
C-1556	13 1/2"	15 1/2"	3 1/2"	8 1/2"	8 1/2"	25	37.88	34.08	30.30
C-1557	14 1/2"	16 1/2"	3 1/2"	10 1/2"	10 1/2"	28	40.62	36.65	32.50

## SLOPING PANEL CABINETS

These handy cabinets have a removable front panel plus a hinged top for easy accessibility to tubes and parts mounted on the chassis without removing front panel. Take open end chassis listed above. Black wrinkle enamel finish.



Bud No.	Size Inches H W D	Uses Chassis	Wt. Lbs.	1-24	25-49	50-99
C-1564B	6 1/4 x 7-1/16 x 7-5/16	7x6x2	3 1/4	3.29	2.81	2.59
C-1565B	6 1/4 x 9-1/16 x 7-5/16	7x8x2	3 1/2	3.60	3.30	2.93
C-1566B	6 1/4 x 11-1/16 x 7-5/16	7x10x2	4	4.25	3.73	3.40
C-1567B	8x8-1/16x8	7x7x2	4 1/4	4.42	3.90	3.54
C-1568B	8x10-1/16x8	7x9x2	4 1/2	4.81	4.43	3.92
C-1892B	8x13-1/16x8 1/2	8x12 1/2	5	5.48	5.25	4.83
C-1893B	10x18-1/16 x 10 1/2	10x17x3	6 1/4	7.60	6.93	6.15
C-1894B	8x14-1/16x8	7x13x2	4	5.23	4.71	4.18
C-1896B	8x18-1/16x8 1/2	7x17x3	5 1/4	7.53	6.77	6.02

## STREAMLINED CABINETS

The perfect cabinets for electronic devices not requiring excessive depths. Features include: Panels which fit flush with embossed rounded corner fronts, recessed hinged cover with finger lift, louvered sides for ample ventilation. Overall height is 8", overall depth is 8 1/2". Back has 3 1/2" high opening for cables or rear controls. Bud open end chassis listed are ideal for use in these cabinets. Items with \* have vertical chrome strip, others plain. Available in black wrinkle or gray hammer-tone.



Black Bud #	Gray Hammer-tone Bud #	Width	Panel Space	Top Opening	Wt. Lbs.	1-24	25-49	50-99
CD1480B	CD1480GH	10 1/2"	8 x 8	8 1/2 x 7 1/2"	6 1/2	5.78	5.18	4.62
CD1481B	CD1481GH	12 1/2"	8 x 10	8 1/2 x 8 1/2"	7 1/2	5.89	5.31	4.72
CD1482B	CD1482GH	14 1/2"	8 x 12	8 1/2 x 11 1/2"	7 1/2	6.18	5.57	4.94
CD1483B	CD1483GH	16 1/2"	8 x 14	8 1/2 x 13 1/2"	8 1/2	6.63	5.97	5.30
CD1484B	CD1484GH	18 1/2"	8 x 16	8 1/2 x 15 1/2"	9	7.21	6.49	5.77
*CD1485B	*CD1485GH	20 1/2"	12 x 18	10 1/2 x 18 1/2"	10	14.65	13.19	11.72

## SLOPING PANEL UTILITY BOXES

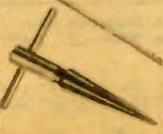
Attractive and handsome design, finished in black wrinkle enamel. For installations that require opening in rear of box. Has 3/8" flange for back cover mounting. 4" high and 4 1/4" deep.



Bud No.	For Chas. No.	Width	Wt. Lbs.	1-49	50-99	100-149
C-1602	CB-1617	4"	1/2	1.20	1.08	.96
C-1603	CB-1618	5"	1	1.37	1.23	1.10
C-1604	CB-1619	6"	1	1.44	1.29	1.16
C-1605	CB-1620	7"	1	1.51	1.36	1.21

## TOOL STEEL PRECISION TAPERED REAMER

• Long gradual taper • Removable "T" for use in drill chuck  
Quickly enlarges holes to 1/2" in diameter in metals, wood and plastic. Removes burrs and countersinks holes. Has gradual taper down to 1/8" point. Will fit any 1/8" drill chuck. Machined and turned cutting edges. Overall length 4 1/4". Length of "T" handle 4". Shpg. wt., 1/2 lb.  
HD-357 Net each .59



## METAL UTILITY CABINETS

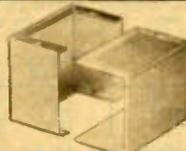
These cabinets have two removable sides for easy accessibility. Sides are attached to flange of cabinet with self-tapping screws. Available in cold rolled steel with black wrinkle enamel finish, or in natural finish aluminum.



Size H W D	Steel Black Wrinkle				Natural Aluminum					
	Bud No.	Wt. Lbs.	1-49	100-149	Bud No.	Wt. Lbs.	1-49	100-149		
4x4x2	CU-883B	1 1/4	1.07	.96	.85	AU-1083	1 1/4	1.26	1.14	1.01
6x5x3	CU-728B	1 1/4	1.20	1.08	.96	AU-1028	1 1/4	1.34	1.21	1.08
6x5x4	CU-729B	2 1/4	1.35	1.22	1.08	AU-1029	1 1/4	1.47	1.32	1.18
8x8x6	CU-1096B	3	2.05	1.84	1.64	AU-1036	3	2.13	1.91	1.74
8x8x5	CU-1099B	4	2.29	2.07	1.83	AU-1040	1	2.48	2.20	1.96
10x8x7	CU-879B	5	3.27	2.95	2.62					
10x10x8	CU-880B	8	3.99	3.51	3.08					
12x7x6	CU-1124B	5	3.22	2.90	2.58					
12x11x8	CU-881B	9	4.25	3.83	3.40					
13x9x7	CU-882B	10 1/2	4.42	3.98	3.54					

## MINIBOXES

For the first time, a minibox with both snap-lock and screw-type fastening. Two piece construction, each forming 3 sides. Flanges assure proper shielding. 4 self-tapping screws furnished. Made of .031 aluminum. Available in natural finish or light grey hammer-tone.



Size Inches L x H x W	Wt. Lbs.	NATURAL ALUMINUM			GREY HAMMERTONE				
		Bud No.	1-49	50-100	Bud No.	1-49	50-100		
2 1/2 x 2 1/2 x 1 1/2	1/8	CU-3000A	.60	.54	.48	CU-2100A	.83	.75	.67
3 1/2 x 2 1/2 x 1 1/2	1/8	CU-3001A	.60	.54	.48	CU-3101A	.90	.81	.73
4 1/2 x 2 1/2 x 1 1/2	1/8	CU-3002A	.60	.54	.48	CU-2102A	.90	.81	.73
4 1/2 x 2 1/2 x 2 1/2	1/8	CU-3003A	.73	.67	.59	CU-2103A	.98	.88	.78
5 1/2 x 2 1/2 x 2 1/2	1/8	CU-3004A	.76	.69	.61	CU-2104A	1.07	.96	.85
5 1/2 x 3 1/2 x 2 1/2	1/8	CU-3005A	.82	.73	.63	CU-2105A	1.22	1.11	.98
5 1/2 x 3 1/2 x 3 1/2	1/8	CU-3006A	.80	.73	.65	CU-2106A	1.07	.98	.85
6 1/2 x 4	1/8	CU-3007A	1.39	1.21	1.03	CU-2107A	1.87	1.68	1.49
7 1/2 x 3	1/8	CU-3008A	1.37	1.23	1.10	CU-2108A	1.78	1.61	1.43
8 1/2 x 3 1/2	1/8	CU-3009A	1.69	1.52	1.35	CU-2109A	2.19	1.97	1.74
10 1/2 x 3 1/2 x 2 1/2	1/8	CU-3010A	1.98	1.78	1.59	CU-2110A	2.54	2.28	2.03
12 1/2 x 4	1/8	CU-3011A	2.66	2.39	2.13	CU-2111A	3.20	2.88	2.57
17 1/2 x 4	1/8	CU-3012A	2.86	2.58	2.29	CU-2112A	3.44	3.10	2.78
18 1/2 x 4	1/8	CU-3013A	3.18	2.82	.90	CU-2113A	3.35	3.02	2.70
12 1/2 x 2 1/2 x 2 1/2	1/8	CU-3014A	1.34	1.21	1.08	CU-2114A	1.67	1.50	1.33
3 1/2 x 2 1/2 x 2 1/2	1/8	CU-3015A	.73	.67	.59	CU-2115A	1.07	.96	.85
4 1/2 x 2 1/2 x 2 1/2	1/8	CU-3016A	.70	.63	.56	CU-2116A	.98	.88	.78
3 1/2 x 2 1/2 x 1 1/2	1/8	CU-3017A	.60	.54	.48	CU-2117A	.82	.74	.66

## MINISLIDE

Ideal for housing components where easy access to internally mounted parts is important. Accessibility is achieved by removing the slide cover. Provides adequate shielding. Fabricated of .050 aluminum. Fastened by 4 self-tapping screws (included). Furnished in light gray hammer-tone (MS-21-) or natural aluminum (MS-30-).



Bud No.	Size L x W x H	Wt. Lbs.	1-49			50-99			100-149		
			1-49	50-99	100-149	1-49	50-99	100-149			
MS-3050	17 x 3 1/2 x 2 1/2	1 1/2	2.79	2.52	2.21	3.09	2.81	2.51	3.37	3.09	
MS-3051	13 x 5 1/2 x 2 1/2	1 1/2	3.19	2.92	2.61	3.69	3.41	3.11	4.07	3.79	
MS-3052	17 x 3 1/2 x 2 1/2	1 1/2	3.28	2.93	2.61	3.78	3.51	3.21	4.17	3.89	
MS-2150	13 x 3 1/2 x 2 1/2	1	3.63	3.28	2.90	4.21	3.86	3.51	4.67	4.32	
MS-2151	13 x 5 1/2 x 2 1/2	1 1/2	4.21	3.86	3.51	4.97	4.62	4.27	5.57	5.22	
MS-2152	17 x 3 1/2 x 2 1/2	1 1/2	4.07	3.72	3.37	4.77	4.42	4.07	5.37	5.02	

## PORTACAB

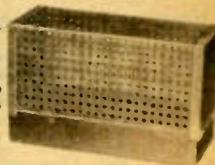
Attractive and versatile. Permits easy portability as well as vertical stacking and side-to-side placement. Welded back has opening. Has inward pointing well louvers. Body of one piece .05 aluminum. Panel is .062 aluminum, and recessed 1/2". Gray hammer-tone finish only.



Bud No.	Size L x W x H	Wt. Lbs.	1-24			25-49			50-99		
			1-24	25-49	50-99	1-24	25-49	50-99			
WA-1540	8 x 8 1/2 x 8"	2 1/2	6.02	5.50	5.00	7.20	6.60	6.10	8.40	7.80	
WA-1541	12 x 8 1/2 x 8"	3	11.80	10.74	9.40	16.30	14.80	13.30	18.80	17.30	
WA-1542	8 x 10 1/2 x 8"	3 1/2	10.54	9.40	8.35	14.80	13.60	12.45	18.10	16.95	
WA-1543	18 x 11 1/2 x 11"	4 1/2	13.23	11.91	10.59	19.60	18.28	16.96	24.10	22.78	
WA-1544	18 x 14 1/2 x 12"	5 1/2	15.19	13.67	12.16	22.20	20.68	19.16	27.30	25.78	

## STANDARD AMPLIFIER FOUNDATIONS

Designed to meet the most critical requirements. Consists of regular chassis with ruggedly constructed metal covers. Features solid pieces on ends of each cover for firm bracing. Heavy-gauge metal screening around the sides and the top provides proper ventilation and attractive styling. Easy-grip metal handles attached to the chassis allow increased portability. All standard amplifier foundations are available in black wrinkle finish only. Types CA-699, CA-1125, and CA-1126 have 2 1/2" high chassis; Type CA-1128 has a 3" high chassis.



Bud No.	Size H x W x D	Wt. Lbs.	1-24			25-49			50-99		
			1-24	25-49	50-99	1-24	25-49	50-99			
CA-699	8 1/2 x 18 x 10 1/2 x 5 1/2"	3	5.50	4.95	4.40	7.20	6.60	6.05	9.40	8.85	
CA-1125	8 1/2 x 18 x 13 1/2 x 5 1/2"	4 1/2	6.30	5.67	5.04	8.40	7.77	7.14	10.60	10.00	
CA-1126	8 1/2 x 18 x 17 1/2 x 7 1/2"	8	7.11	6.40	5.69	10.60	9.89	9.18	13.60	12.89	
CA-1128	8 1/2 x 18 x 12 1/2 x 10 1/2"	7	7.37	6.63	5.90	10.60	9.89	9.18	13.60	12.89	

# BUD RELAY RACKS & ACCESSORIES

## RELAY RACKS FOR EVERY NEED! DELUXE RACKS—FIG. A

Sturdily constructed of 16 gauge steel with 7/8" recessed panel mounting supports. Louvered sides and door. Rounded corners. Bottom supports for attaching casters. Drilled and tapped for all standard 19" panels. Complete with hardware less casters. All are grey wrinkle finish except units marked \* are grey hammertone. Other finishes available.

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	1-9	10-14	15-19
CR-1774G	42-1/16 x 22 x 17 1/2	36"	84	44.27	39.84	35.42
CR-1771G	47-5/16 x 22 x 17 1/2	42"	91	50.08	45.07	40.06
CR-1772G	69-9/16 x 22 x 17 1/2	61"	116	62.68	56.41	50.13
CR-1773G	82-5/16 x 22 x 17 1/2	77"	137	75.04	67.53	60.04
CR-2072MG*	66-9/16 x 22 x 22	61"	150	87.56	78.81	70.05
CR-2073MG*	82-5/16 x 22 x 22	77"	175	104.01	93.61	83.20

## SUPER DELUXE 2 DOOR RACKS WITH ADJUSTABLE PANEL SUPPORTS

These heavy 16 gauge racks are similar to above but are fitted with both front and rear doors, and the panel mounting supports are adjustable so the panel can be set back to up to 6" in 1/2" steps. This enables use of space in front or behind panel as needed. Attractive gray wrinkle finish. Black wrinkle or light gray hammertone finish available on special order.

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	1-9	10-14	15-19
CR-2174G	42-1/16 x 22 x 17 1/2	36"	102	62.85	56.37	50.27
CR-2171G	47-5/16 x 22 x 17 1/2	42"	117	71.19	64.08	56.97
CR-2172G	66-9/16 x 22 x 17 1/2	61"	151	91.93	82.70	74.52
CR-2173G	82-5/16 x 22 x 17 1/2	77"	183	110.30	99.27	90.28

## TELEPHONE TYPE RELAY RACKS—FIG. B

Open type racks with chassis type base except \* which is of extra heavy construction for broadcast station use with singles and brackets for bolting to floor. Black wrinkle finish.

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	1-9	10-14	15-19
RR-1263B	35-39/64 x 20 x 22	31 1/2"	34	21.28	19.15	16.99
RR-1264B	70-39/64 x 20 x 22	66 1/2"	44	24.30	21.87	19.44
RR-1265B	72 1/2 x 20 1/2 x 13	58"	94	33.68	49.31	42.94

## DESK TYPE RACKS—FIG. C

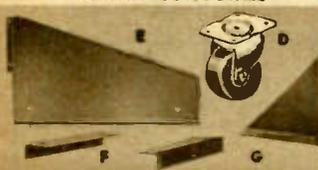
BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	1-9	10-14	15-19
RR-1248B	24 x 20 1/2 x 12	21"	17	8.92	8.03	7.13
RR-1249B	31 x 20 1/2 x 12	28"	19	10.97	9.87	8.77

## ADD-A-RACK SERIES

A unique method of adding more space to the DeLuxe Racks (Fig. A). They are the same size and construction as the DeLuxe racks. Consist of 4 parts, a top, bottom, door and coupling panel. By replacing either side panel of the DeLuxe rack with the coupling unit and using the removed panel as the new outside panel a double sized rack is formed. Additional units can be added later. Finishes are same as DeLuxe Racks. Other finishes available.

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	1-9	10-14	15-19
BUD AR-1776G	—For CR-1774G	—	75 lbs.	43.45	39.11	34.76
BUD AR-1775G	—For CR-1771G	—	81 lbs.	48.03	43.23	38.43
BUD AR-1776G	—For CR-1772G	—	100 lbs.	59.70	53.78	47.79
BUD AR-1777G	—For CR-1773G	—	116 lbs.	73.30	66.06	58.72
BUD AR-2276MG	—For CR-2072HG	—	130 lbs.	83.47	75.12	66.76
BUD AR-2277MG	—For CR-2073HG	—	150 lbs.	101.69	91.51	81.34
BUD AR-2278MG	—For CR-2074	—	107 lbs.	58.84	53.05	47.18
BUD AR-2279MG	—For CR-2071	—	113 lbs.	66.68	60.02	53.37

## RACK ACCESSORIES

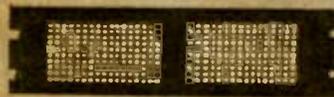


## SWIVEL TRUCK CASTERS—FIG. D

Hard rubber ball bearing mounted, heavy duty type for relay racks. Shpg. wt., 10 oz.  
BUD RC-775G. 1-49 Ea. . . . . 88  
50-99 Ea. . . . . 79 100-149 Ea. . . . . 71

## VENTILATING GRILL PANELS

Recommended as a substitute for solid panels where abundant ventilation is required. Made of 1/2" steel with die cut grill. Standard 19" length.



Available in black wrinkle (B), gray wrinkle (G) or light gray hammertone (HG). Please specify when ordering.

BUD No.	Height	Grill Size	Weight in Lbs.	1-49	50-99	100-149
PS-808	6 1/4"	3 1/4" x 13-13/32"	2 1/2	3.19	2.97	2.55
PS-809	7"	4 1/4" x 13-13/32"	3 1/2	3.47	3.13	2.77
PS-810	8 1/4"	5 1/4" x 13-13/32"	5	4.17	3.75	3.34
PS-811	10 1/2"	7 1/4" x 13-13/32"	5 1/2	4.62	3.98	3.54
PS-812	12 1/4"	9 1/4" x 13-13/32"	6 1/2	4.74	4.27	3.79

\*Allows 3 1/2" space for Chassis mounting.

## HANDLES

Useful for attaching to any small housing or speaker enclosure to achieve portability. Made from aluminum tubing and given an etched finish.

Catalog No.	Overall Length	Mounting Hole Center	Weight in Ozs.	1-49	50-99	100-149
UH-70A	5 1/4"	4 1/4"	2	.35	.31	.28
UH-71A	3 1/4"	3 1/4"	1	.29	.26	.24

## STANDARD RACK PANELS

All panels are 19" wide, 1/2" thick. All have standard notching to fit all relay racks. Available in black wrinkle or gray wrinkle finishes.

## STEEL PANELS

Black Bud No.	Gray Bud No.	Height	WT. Lbs.	1-49	50-99	100-149
PS-1250B	PS-1250G	1 1/2"	2	.82	.74	.66
PS-1251B	PS-1251G	3 1/2"	3	.98	.88	.78
PS-1252B	PS-1252G	5 1/2"	4	1.22	1.11	.98
PS-1253B	PS-1253G	7"	6	1.39	1.25	1.12
PS-1254B	PS-1254G	8 1/2"	7	1.72	1.55	1.37
PS-1255B	PS-1255G	10 1/2"	8	2.05	1.84	1.64
PS-1256B	PS-1256G	12 1/2"	9	2.37	2.14	1.90
PS-1257B	PS-1257G	14"	10	2.78	2.51	2.22
PS-1258B	PS-1258G	15 1/2"	12	3.03	2.72	2.42
PS-1259B	PS-1259G	17 1/2"	13	3.44	3.10	2.75
PS-1260B	PS-1260G	19 1/2"	14	3.76	3.39	3.01
PS-1261B	PS-1261G	21"	15	4.17	3.75	3.34

## ALUMINUM PANELS

Identical in size, thickness, and construction to steel panels but made of aluminum. Easy to cut.

Black Bud No.	Gray Bud No.	Height	WT. Lbs.	1-49	50-99	100-149
PA-1101B	PA-1101G	1 1/2"	1	1.07	.96	.85
PA-1102B	PA-1102G	3 1/2"	2	1.39	1.25	1.12
PA-1103B	PA-1103G	5 1/2"	3	1.88	1.70	1.51
PA-1104B	PA-1104G	7"	3	2.37	2.14	1.90
PA-1105B	PA-1105G	8 1/2"	3	2.78	2.83	2.22
PA-1106B	PA-1106G	10 1/2"	3	3.52	3.17	2.81
PA-1107B	PA-1107G	12 1/2"	4	4.01	3.61	3.20
PA-1108B	PA-1108G	14"	4	4.67	4.19	3.73
PA-1109B	PA-1109G	15 1/2"	5	5.23	4.71	4.19
PA-1110B	PA-1110G	17 1/2"	5	6.73	6.16	4.59
PA-1111B	PA-1111G	19 1/2"	6	6.30	5.67	5.04
PA-1112B	PA-1112G	21"	7	6.67	6.18	5.50

## PANEL CHASSIS

Front flange notched for mounting on standard 19" rack. 1" flange on ends, other edges have 1/2" flange.

Made of .062 aluminum. All are 19" wide (17" less flanges) by 5-9/32" deep.

Bud No.	Height	WT. Lbs.	1-24	25-49	50-99
CB-1370	1 1/2"	1	2.25	2.03	1.80
CB-1371	3 1/2"	1 1/2	2.54	2.28	2.03
CB-1372	5 1/2"	2 1/2	2.76	2.51	2.22
CB-1373	7"	2 1/2	3.19	2.87	2.56
CB-1374	8 1/2"	3	3.58	3.31	2.98
CB-1375	10 1/2"	3 1/2	4.34	3.97	3.47
CB-1376	12 1/2"	3 1/2	4.74	4.27	3.79
CB-1377	14"	3 1/2	5.23	4.71	4.18

## RELAY RACK SLIDE DRAWER

The electroplated chassis of one piece 14 gauge aluminum measures 16 1/2" x 14" x 3" with 1/2" flanges top and bottom, with 1/2" support brackets. Punched to match standard panel mounting holes. Stop screw prevents drawer from falling out. Chassis will support 50 lbs. Chassis finished in light gray hammertone, brackets and channel in etched aluminum. Less drawer plate. Shpg. wt., 5 lbs.

BUD SD-1717. 1-14 Ea. . . . . 11.20  
15-24 Ea. . . . . 10.80, 25-34 Ea. . . . . 8.96

## DRAWER PLATE

Attaches to bottom of above to form drawer, or to top as shelf, desk top or support. 14 gauge aluminum. 16 1/2" x 14". Light gray hammertone finish. Shpg. wt., 2 lbs.

BUD TP-1718. 1-14 Ea. . . . . 2.41  
15-24 Ea. . . . . 2.25 25-34 Ea. . . . . 2.01

## FLUSH TYPE HANDLE AND CATCH



Standard on Bud Cabinet Racks and may be installed to replace Handle-Catch Set CL-7777. Chrome plated. Wt., 2 lbs.

BUD 9347. 1-24 Ea. . . . . 96  
25-49 Ea. . . . . 87 50-99 Ea. . . . . 77

## LEVER TYPE DOOR HANDLES



Chrome plated, die cast handle and face plate. Corrosion resistant steel spindle and com. Easily attached to Super Deluxe Relay Racks. Shpg. wt., 8 oz.

BUD No.	Type	1-24	25-49	50-99
9196	Non-locking	2.61	2.33	2.09
9223	With lock and key	4.90	4.41	3.92

## TRANS-AIRE BLOWER



With oil impregnated, disposable filter. Req. 5 1/2" panel space. Width—17" depth—14 1/2".

BUD No.	Type	Shpg. Wt.	1-9	10-24	25-49
B-25	Blower	26 lbs.	32.13	28.92	25.70
BF-26	Replacement Filter	3 lbs.	.90	.81	.72

# LAFAYETTE PROFESSIONAL QUALITY COMMUNICATIONS RECEIVER-ENGINEERED FOR THE AMATEUR



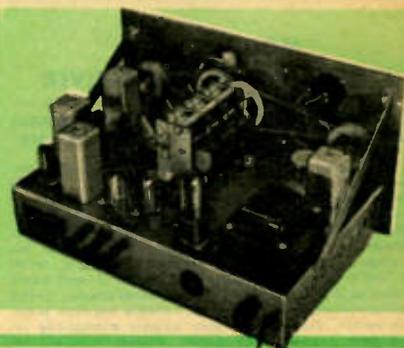
<b>KT-200</b> IN KIT FORM <b>64.50</b> 6.45 DOWN	<b>HE-10</b> WIRED AND TESTED <b>79.95</b> 8.00 DOWN
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## Superheterodyne Circuit Utilizing 8 Tubes & Rectifier Tube

- BAND SPREAD FOR EASY TUNING
- BUILT-IN "S" METER WITH ADJUSTMENT CONTROL
- EXCELLENT SELECTIVITY
- ACCESSORY POWER SOCKET PROVIDED
- ALL TRIMMERS PRE-ALIGNED
- COVERS 455KC. to 31MC. IN FOUR BANDS
- VARIABLE BFO AND RF GAIN CONTROLS
- BUILT IN PRE-CALIBRATED "S" METER
- SWITCHABLE AVC AND AUTOMATIC NOISE LIMITER
- ALL MAJOR COMPONENTS PRE-MOUNTED
- DUAL 4 AND 8 OHM OUTPUT IMPEDANCES

High sensitivity superheterodyne circuit utilizes 8 miniature tubes plus rectifier tube and transformer input, full wave rectifier. The 80-40-20-15 and 10 meter amateur bands are clearly indicated on the illuminated dial face, and can be easily tuned with the pre-calibrated band spread. The receiver has complete band switching, thus eliminating the need for bothersome plug-in coils. Band spread is laid out on easy-to-read 0-100 scale, and features a weighted control knob which offers smooth, precise tuning. Coverage of from 455 KC to 31 MC is obtained through the use of four switchable ranges (455-1600 KC/1.6-4.8 MC/4.8-14.5 MC/10.5-31 MC). All controls, switches and phone jack are located on the front panel. Receiver sensitivity is 1.25 microvolts for 12 DB signal to noise ratio. Selectivity is -60DB at 10 KC image rejection is -40DB at 3MC. Panel is grey metal with white lettering, and controls are black with aluminum trim. Hinged top makes inside of receiver readily accessible to operator. 7 1/2" H x 15" W x 9" D. Tubes: 3-6BD6, 2-6BE6, 2-6AV6, 1-6AR5, 1-5Y3. Shpg. wt., 22 lbs.

**KT-200** ..... 6.45 Down ..... Net 64.50  
**HE-10** Same as above, factory wired & tested. .... 8.00 Down ..... Net 79.95



## PHILMORE CITIZEN BAND CLASS "D" TWO WAY RADIO KIT



A new Kit for the construction of a Citizen's Band Transceiver operating on the frequencies recently allotted by the F.C.C. for use by any private citizen, without any test, radio theory knowledge, or amateur license. Any person is allowed to use these bands for private communication between homes, automobiles, office, farm, etc. This kit is designed so that anyone can build it without previous electronic knowledge or skill. Through the use of self-explanatory printed circuit boards, clear step-by-step instructions, and specially selected components, proper operation conforming to all F.C.C. specifications. FEATURES: Any three desired channels may be automatically switch-selected instantaneously on the front panel, insuring interference-free communication at all times. Both receiver and transmitter are simultaneously tuned to pre-

arranged, crystal controlled frequencies, with an accuracy of .005%. Interchangeable power supplies so that any unit can be adapted for either 110 Volt AC power, or mobile operation from a 6 or 12 volt car battery. Power for mobile operation taken from cigarette lighter socket on dash, so that no complicated underdash wiring is required.

Low, flat, modern appearance with sleek, finished cabinet allows desk-top home or office use; on seat, under or on dash-board for mobile use. Automatic quieting on standby reception eliminates annoying squeals and hiss in receiver while waiting for transmission. Sensitive super-generative detector is virtually drift free. Will pick up transmission from the furthest limits of transmitter range. Transmitter delivers maximum allowable 5 watts plate power, and is crystal controlled for exact frequency operation. Supplied with hook-on, hand held carbon microphone.

- MODEL TC11-110 volt AC less antenna. Shpg. wt., 12 lbs.  
**ME-580** ..... 5.00 Down ..... Net 39.95
- MODEL TC612-6 volt DC less antenna.  
 Shpg., wt., 12 lbs.  
**ME-581** ..... 5.00 Down ..... Net 42.95
- MODEL TC15 5 section whip antenna with bottom loading coil. Shpg. wt., 2 lbs.  
**ME-582** ..... Net 4.50

## PHILMORE COMMUNICATIONS RECEIVER KIT



Here is a high quality superheterodyne receiver offered at an unbelievable low price. It contains features usually found only in receivers costing many times the price. The CR-5AC employs a highly sensitive, 4 tube & rectifier superheterodyne circuit. Covers all ham bands, 80 through 10 meters. FEATURES: Continuous coverage from 455 kc (broadcast band) to 30 mc. Receives fire police, ship-to-shore etc. Full electrical bandspread on each band. Adjustable B.F.O. Built-in noise limiter. Built-in "S" meter. Provisions for use with any type of antenna. Input jack for insertion of external Q multiplier. Built-in speakers with heavy magnet. Shpg. wt., 13 lbs. CR-5AC Receiver kit less cabinet.  
**ME-583** ..... 5.00 Down ..... Net 39.95  
**MODEL CR**: metal cabinet for CR-5AC. Shpg. wt., 8 lbs.  
**ME-584** ..... Net 7.95

## GLOBE CB-100 COMPLETE TWO-WAY CITIZEN BAND STATION

- FOR HOME, OFFICE, AUTO, BOAT, ETC.



The receiver section contains a 7-tube crystal controlled superheterodyne circuit with 3-channel selectivity. No tuning is necessary, channel selection with simple switch and illuminated jewel indicates channel in use. Highest receiver sensitivity and highest transmitter efficiency as no

RF circuits are common to both receiver and transmitter. Rectifier circuit utilizes choke/capacitor high voltage filter system for extremely low AC hum level—such circuits found only in highest quality equipment. Very high image rejection due to 1680KC intermediate frequency. Excellent squelch circuit for quiet operation. Built-in limiter circuit permits mobile operation. The transmitter operates at the maximum allowable power. 5 watts input power to the final amplifier. Full AM modulation. Crystal tolerance .005%. The unit meets all FCC requirements. Same model operates on either 115V AC or 12V DC. Extremely compact and light weight. Size: 3 1/2 x 13 x 10. Shpg. wt., 11 lbs.

- MODEL CB-100. Complete with crystals and push-to-talk microphone.  
**ME-600WX** ..... 13.00 Down ..... Net 129.95
- External speaker with 15 ft. cord and plug. Shpg. wt., 5 lbs.  
**ME-601** ..... Net 6.95  
 12 Volt cable and plug, for mobile operation.  
**ME-602** ..... Net 2.75  
 Whip antenna, ADM Door mount  
**ME-603** ..... Net 3.95  
 Matched Crystals (specify frequency).  
**ME-604** ..... Net 5.90

COMMUNICATION RECEIVERS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 307

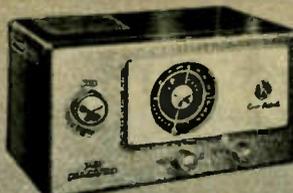
# HALLICRAFTERS PRECISION BUILT HAM AND SWL EQUIPMENT



MODEL S-38E



MODEL CB-1



MODEL S-94



MODEL SX-62A



MODEL SX-100



MODEL SX-110



MODEL S-107



MODEL S108

## MODEL CB-1 CITIZEN BAND TRANSCEIVER

- NO LICENSE REQUIRED • FOR FUN; FOR BUSINESS
- COMPLETE STATION, READY TO GO "ON THE AIR"

This high performance two-way Citizen Band radio-telephone station meets F.C.C. specifications for Class D Service. Modulation is a full 100%, and can be monitored by built-in magic eye indicator. Transmitter section separately shielded, and special built-in low pass filter to eliminate T.V.I. R.F. filters on power line. Receiver has R.F. stage, crystal controlled oscillator, 2 I.F.'s, series noise limiter, adjustable squelch, powerful 2 watt audio amplifier to built-in speaker. Head phone/speaker switch for privacy when desired. Rugged, reliable bar-type press-to-talk switch. Plug-in high gain ceramic microphone included with two precision quartz crystals installed for Channel 11. Nine tubes, plus rectifier and magic eye. Power consumption, 117 volts AC, 65 watts. Gray steel cabinet with silver trim. Size 13 1/2" wide, 6 1/2" high, 8 1/4" deep. Shpg. wt., 17 lbs.

HE-110WX Less Antenna.....13.00 Down.....Net 129.95  
Same as above but with antenna

HE-111WX.....14.00 Down.....Net 139.95

## MODEL SX-100 SELECTABLE SIDE BAND RECEIVER

- DELUXE AMATEUR RECEIVER • FOR AM-CW AND SSB OPERATION

Double conversion superheterodyne amateur receiver. Coverage 540 KC to 34 MC in four calibrated bands. Selectable side band reception of both suppressed and full carrier. Delayed AVC. Calibrated bandspread. Built-in "S" meter. Tee-Notch Filter to eliminate unwanted heterodynes. Built-in 100 KC crystal calibrator, and antenna trimmer. Logging scale on tuning dial. Phone jack and stand-by receiver switch on front panel. Gray and black steel cabinet with silver and red trim, piano hinge top. Twelve tubes plus rectifier and voltage regulator. 117 V-60 cycle AC. Size: 18 1/2" x 8 1/2" x 10 1/2". Shpg. wt., 43 lbs.

HE-109WX.....29.50 Down.....Net 295.00

## MODEL S-107 BROAD BAND RECEIVER

Here's a receiver which covers 540 kc to 31 mc in four bands, and 48 to 54.5 mc. on an additional high frequency band. The S-107 features a large easy-to-read slide rule type, main tuning dial and separate electrical bandspread with 0-1000 logging scale. 40-54.5 mc. band has individual calibration. Front panel controls: Main tuning and band spread tuning, receive/standby, band selector, AM/CW, noise limiter, tone, sensitivity, on/off volume, AM/Phone jack, headphone tip jacks and antenna input terminals located in rear. Built in 5" speaker. Utilizes seven tubes plus one rectifier. Sturdy grey hammer-tone steel cabinet with brushed chrome trim. 117 V-60 cycle AC. Size: 13 3/4" wide x 7" high x 8 7/8" deep. Shpg. wt., 18 1/2 lbs.

HE-106WX.....9.50 Down.....Net 94.95

## BUY YOUR SWL AND HAM GEAR ON LAFAYETTE'S ECONOMY EASY PAYMENT PLAN

### MODEL SX-110 AMATEUR-SWL RECEIVER

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, and include main and band spread tuning, AM-CW switch, sensitivity, BFO pitch, on/off/tone, volume, receiver-standby, selectivity, crystal filter-phasing, noise limiter, and headphone jacks. Receiver uses either 3.2 or 530 ohm speaker. Antenna may be doublet, single wire, ground plane or beam type. Utilizes seven tubes plus one rectifier. 65G7, first IF amp, 65K7 second IF amp, 65C7 BFO and audio amp, 6K6GT, audio output, 6H6 AN L-AVC-detector, 5Y3 rectifier. Output: 2 watts. Gray steel cabinet with chrome trim. Size: 18 3/4" W x 8" H x 10 1/4" D. 117 AC. Shpg. wt., 32 lbs.

HE-108WX.....16.00 Down.....Net 159.95

### MODEL SX-62A 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 hi-fi 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: 20 x 10 1/2 x 16". Shpg. wt., 67 lbs.

HE-105WX less speaker.....37.50 Down.....Net 375.00

### MODEL S-94 FM COMMERCIAL RECEIVER

Standard model of Hallcrafters' new FM receivers designed for police, fire truck, taxicab, railroad, bus and other industrial or emergency operation. Features minimum drift, high signal to noise ratio, high sensitivity, standby squelch system, low oscillator radiation, phone tip jacks for headphone operation. Employs 8 tubes plus rectifier to yield 1.5 volts audio output to 5" P.M. speaker, on a sensitivity of 1.5u volts. Has logging scale and service channel indications. Operates 105/125V. 50/60 cycle AC or DC. Comes in gray steel cabinet; size 2 7/8 x 7 1/2". Shpg. wt., 14 lbs.

HE-103 30-50 MC.....6.00 Down.....Net 59.95

HE-104 Model S-95 152-173 MC.....6.00 Down.....Net 59.95

### MODEL S-38E NEW LOW COST RECEIVER

Hollcrafters' economy model SWL receiver pulls in everything on its highly sensitive AC-DC superhet circuit: 4 tubes plus one rectifier, with 5" P.M. speaker delivering 2 watts audio. Has tip jacks for phones, standby-receiver switch AM-CW switch for talk or code. COVERAGE; 4-BANDS: Standard Broadcast and 3-SW bands ranging from 1650 Kc-32MC. Features large Overseas Dial, with specific foreign stations dotted 0-100 separate bandspread dial. Also covers police, aircraft, ship-to-shore and all amateur bands. Operates on 105-125 DC or 60 cycle AC. Size 12 7/8 x 7 x 7 1/4". Comes in attractive gray steel cabinet with silver frame trim. Shpg. wt., 14 lbs.

HE-100.....6.00 Down.....Net 59.95

MODEL S-38EM Receiver with mahogany over metal finish.

HE-101.....6.00 Down.....Net 59.95

MODEL S-38EB Receiver with blond over metal finish.

HE-102.....6.00 Down.....Net 59.95

### MODEL S108 WORLD WIDE RECEIVER

A receiver designed for the SWL and the amateur alike. Covers 540 kc to 30 mc in four bands. Features slide rule dial, and calibrated bandspread on 10, 15, 20, 40, and 80 meter amateur bands. Receiver has one IF and two RF stages. Front panel controls: main tuning, bandspread tuning, band selector, pitch control, standby/receive, AM/CW, noise limiter, on/off/tone, volume, headphone jack. Antenna terminals are located in the rear of the receiver. Utilizes seven tubes plus rectifiers. Includes built-in speaker. Gray steel cabinet with brushed chrome trim. 117 V-60 cycle AC. Size: 18 1/2" wide x 8" high x 10 1/4" deep. Shpg. wt., 32 lbs.

HE-107WX.....13.00 Down.....Net 129.95

OTHER HALLICRAFTER EQUIPMENT

R-47 MATCHING 4" PM Speaker for CW or speech reception; response: 300-2850 cps; 3.2 ohm impedance. Far use with SX-100, SX-101A, SX-110. Shpg. wt., 2 1/2 lbs.

HE-112.....Net 12.95

R-48 MATCHING 7 1/2" speaker for AM, CW or Music reception-switchable for voice or music reception. Shpg. wt., 10 lbs. For use with SX-100, SX-110-SX101A.

HE-113.....Net 19.95

SX-101A SUPER DELUXE AMATEUR RECEIVER less speaker. Shpg. wt., 75 lbs.

HE-114WX.....39.95 Down.....Net 399.50

SR-34 TRANSCEIVER for 2 and 6 METERS. Complete with case, antenna, and 6 & 12 V transistorized power supply. Shpg. wt., 34 lbs.

HE-115WX.....49.50 Down.....Net 495.00

HT-32A AM-CW-SSB TRANSMITTER. Covers 80 through 10 meters. Shpg. wt., 86 lbs.

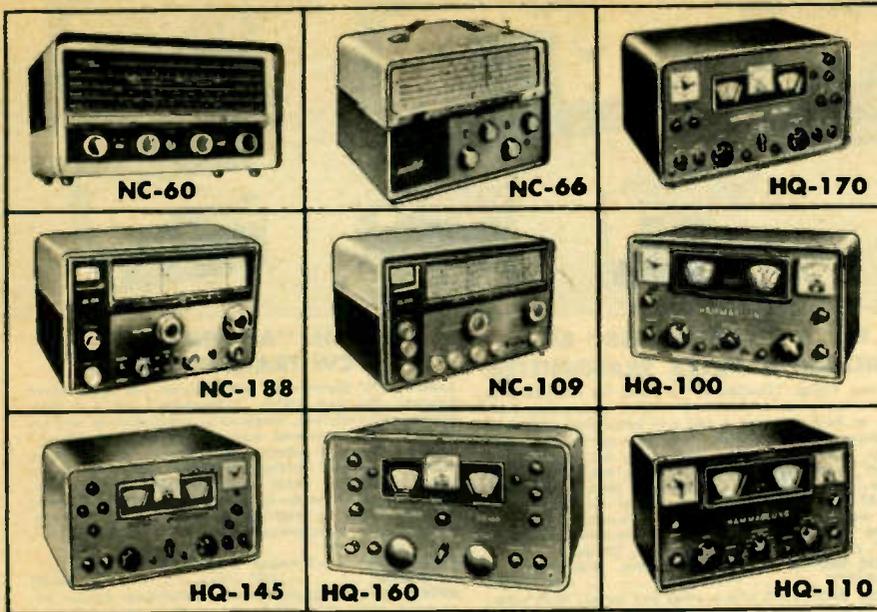
HR-117WX.....69.50 Down.....Net 695.00

HT33A LINEAR KILOWATT AMPLIFIER.

Covers 80 through 10 meters, matches HT32A. Shpg. wt., 130 lbs.

HE-118WX.....79.50 Down.....Net 795.00

# National RECEIVERS • HAMMARLUND RECEIVERS



## HAMMARLUND RECEIVERS

### HAMMARLUND RECEIVER HQ-100

Sensitivity and selectivity place this receiver in the really "hot" class. Continuously tunable from 540 Kc to 30 Mc in four bands. Electrical bandspread tuning with dial markings every 10 Kcs on 80, 40 and 20 meter bands; every 20 Kcs on 15 meter band, and every 50 Kcs on 10 meter band. Q-multiplier permits continuously variable selectivity. Sensitivity of 1.75 microvolt produces 10-1 signal-to-noise ratio. Voltage regulated and temperature compensated. AVC on RF and IF stages. 10 tube circuit with automatic noise limiter. Antenna compensation for variable loading effects. For 105-125 volts, 50-60 cps. With "S" meter; combination clock and automatic timer optional. 16 1/2" L x 9-7/16" H x 9 1/4" D. Shpg. wt., 33 lbs.

- HQ-100 Receiver less clock-timer. Net 189.00  
 HE-150WX 18.90 Down Net 189.00  
 MODEL HQ-100C. Receiver with clock. Shpg. Wt., 34 lbs.  
 HE-151WX 19.90 Down Net 199.00  
 MODEL S-100. Matching speaker in cabinet. Shpg. Wt., 10 lbs.  
 HE-152 Net 14.95  
 MODEL XC-100. 100 KC crystal calibrator. Shpg. Wt., 3 lbs.  
 HE-153 Net 15.95

### HAMMARLUND RECEIVER HQ-110

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. Dial markings every 5 Kcs on 20, 40, 80 and 160 meter bands, every 10 Kcs on 15 meter bands; every 20 Kcs on 10 meter band; every 50 Kcs on 6 meter band. 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 volts, 50-60 c. AC. 16 1/2" L x 9-7/16" H x 9 1/4" D. Shpg. wt., 33 lbs.

- HE-154WX 24.90 Down Net 249.00  
 MODEL HQ-110C. Receiver with clock. Shpg. Wt., 34 lbs.  
 HE-155WX 25.90 Down Net 259.00  
 MODEL S-100. Matching speaker in cabinet. Shpg. Wt., 10 lbs.  
 HE-152 Net 14.95

### NEW HAMMARLUND RECEIVER HQ-145

This receiver is an 11 tube superhet, offering dual conversion, for improved image rejection. Coverage 540 KC to 30 MC in four bands. Pre-calibrated band spread on 80-40-20-15 & 10 meter amateur bands. Crystal filter with six-position switch. Adjustable slot filter. Built in S meter. Adjustable high-stability temperature compensated B.F.O. for SSB and CW reception. 10 to 1 signal-to-noise ratio with a 1.75  $\mu$  volt average AM signal. Special 20 meter band position for optimum electrical dial spread. Size: 10 1/2" H x 19" W x 13" D. Shpg. wt., 42 lbs.

- HE-156WX 26.90 Down Net 269.00  
 MODEL HQ-145C. Receiver with clock. Shpg. Wt., 43 lbs.  
 HE-157WX 27.90 Down Net 279.00  
 MODEL XC-100P. Plug in crystal calibrator for receiver. Shpg. Wt., 3 lbs.  
 HE-158 Net 15.95  
 MODEL S-200. Matching speaker for above. Shpg. Wt., 10 lbs.  
 HE-159 Net 19.95

### HAMMARLUND HQ-160

A general-coverage communications receiver that has so many features that Hammarlund calls it their "Star Performer" — at a most reasonable price. Here is what you get: 13-tube dual conversion superhet circuit, 540 Kc-31 Mc in 6 bands, SSB operation, Q-multiplier for continuously variable selectivity, electrical bandspread with calibrations of 80, 40, 20, 15 and 10 meter bands, separate BFO crystal control on 2nd conversion oscillator, adjustable calibration on front panel, AVC, automatic noise limiter, notch filter for rejection up to 60 db, 14 tuned circuits in 455 Kc IF for high sensitivity and selectivity. Beautifully designed and engineered for ease of operation. Size: 10 1/2" x 9 x 13". Shpg. wt., 45 lbs.

- HE-160WX 37.90 Down Net 379.00  
 MODEL HQ-160R. Receiver rack mounted. Shpg. Wt., 45 lbs.  
 HE-161WX 39.70 Down Net 397.00  
 MODEL S-200 Matching speaker for HQ-160. Shpg. Wt., 10 lbs.  
 HE-159 Net 19.95

### NEW HAMMARLUND HQ-170 RECEIVER

The HQ-170 offers the amateur a practically endless combination of tuning techniques whereby optimum reception of SSB/CW and AM/MCW may be achieved. The front end provides tuning of the 6, 10, 15, 20, 40, 80 and 160 meter amateur bands, with electrical bandspread. The HQ-170 offers triple conversion with IF frequencies of 3035 Kc, 455 Kc and 60 Kc, providing excellent rejection of image-response, slot filter with 60 db notch, separate Vernier tuning dial on front panel, adjustable fast-attack delayed AVC, "S" meter, auto-response audio circuit for easier reading on weak signals. Has tube complement of 17 tubes. Size: 10 1/2" x 19 x 13". Shpg. wt., 45 lbs.

- HE-162WX 35.90 Down Net 359.00  
 MODEL HQ-170C. Receiver with clock. Shpg. Wt., 45 lbs.  
 HE-163WX 36.90 Down Net 369.00  
 MODEL S-200 Matching speaker for HQ-170. Shpg. Wt., 10 lbs.  
 HE-159 Net 19.95

### OTHER HAMMARLUND EQUIPMENT

- MODEL HC-10. Converter. Converts any 455 KC IF receiver to SSB/CW and AM/MCW reception. Shpg. Wt., 17 lbs.  
 HE-164WX 14.90 Down Net 149.00  
 MODEL PL-26380-1 Universal clock kit for all clock model receivers. Shpg. Wt., 3 lbs.  
 HE-165 Net 9.95  
 MODEL SP-600-JX. Super-Pre-amateur receiver. Covers 540 KC to 54 MC. Shpg. Wt., 70 lbs.  
 HE-166WX 114.00 Down Net 1,140.00  
 MODEL SP-600-JLX. Super-Pre-amateur and commercial receiver covers 100 KC to 29.7 MC. Shpg. wt., 70 lbs.  
 HE-167WX 126.00 Down Net 1,260.00  
 MODEL PL-26017-G2 8" Matching speaker for SP-600JLX. Shpg. Wt., 10 lbs.  
 HE-168 Net 18.50  
 MODEL XC-100 Crystal calibrator kit for SP-600. Shpg. Wt., 3 lbs.  
 HE-169 Net 17.95

## NATIONAL RECEIVERS

### NEW NATIONAL NC-60 SPECIAL

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 bandspread scale. Bandspread 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 1/2" x 8 1/2" x 13 1/2". Shpg. wt., 15 lbs.

- HE-200WX 6.00 Down Net 59.95

### NATIONAL NC-66 PORTABLE RECEIVER

National's most versatile receiver operates as a 3-way (AC/DC, battery) portable ham, marine and SWL receiver. Covers the Direction Finder beacon band (150-400 Kc), Standard Broadcast and 3 bands ranging from .5 Mc to 23 Mc. Has logging and bandspread scale (operative on all bands). Has 2 antennas—territe for DF and whip for short wave bands. CD positions on scales clearly marked. Has CW oscillator. Two stage audio amplifier drives built in speaker or front panel phone jack. Has complement of 5 tubes plus selenium rectifier for superhet circuit. Has provision for connection of BDF 66 Direction Finder for marine navigation. Finish is two-tone gray, salt-spray tested. Size: 12-5/16 x 9-11/16 x 10", shpg. 16 lbs. less batteries.

- HE-201WX 10.00 Down Net 99.95  
 BA-308 F6A60P 6 1/2 lbs. Net 4.98  
 MODEL RFD-66. Direction finder accessory. Used with NC-66 as navigation finder for small craft. Size: 7" x 8" x 10". Shpg. Wt., 8 lbs.  
 HE-202 5.00 Down Net 39.95

### NATIONAL NC-188 RECEIVER

A fine quality 9 tube receiver that covers 540 Kc to 40 Mc in four bands. Calibrated bandspread for 10, 11, 15, 20, 40 and 80 meter bands. Large easy-to-read 12 inch slide-rule dial with combination edge and backlighting. Gang-tuned RF amplifier stage for increased sensitivity and image rejection. Separate, temperature compensated high frequency oscillator. Receives AM, CW, and SSB signals. BFO for CW and SSB. Has RF and AF gain, control, automatic noise limiter, and "S" meter. Balanced or unbalanced antenna input at 50 to 300 ohms. Sensitivity under 2.5 microvolts (10 db signal/noise ratio). Two-tone gray cabinet 16-13/16" W x 10" H x 10 1/2" D. Shpg. wt., 35 lbs.

- HE-203WX 14.00 Down Net 139.95  
 NTS-1 Matching speaker for NC-188. Shpg. wt., 10 lbs.  
 HE-204 Net 17.50

### NATIONAL NC-109 RECEIVER

National's general coverage receiver for CW, AM and SSB reception that incorporates many features of their most expensive types but still sells at a low price. These exclusive features are "Microtoms" crystal filter in IF section for 5 different degrees of selectivity; sharp phasing notch over 60 db deep for Interference rejection; separate product detector for CW and SSB reception, mode selector switch includes accessory position for crystal calibrator or phono input. Coverage is from 540 Kc-40 Mc on 4 bands, with bandspread scales for special amateur bands, all clearly marked; logging scale included. Conelrad (CD) points clearly marked. Size 16-13/16 x 10 x 10 1/2". Shpg. wt., 35 lbs.

- HE-205WX 17.00 Down Net 169.95  
 NC-109XCU. Plug-in crystal calibrator. Shpg. Wt., 2 lbs.  
 HE-206 5.00 Down Net 20.95  
 NFM-83-60 N.F.M. Adaptor. Shpg. Wt., 5 lbs.  
 HE-207 5.00 Down Net 33.95

### OTHER NATIONAL EQUIPMENT

- MODEL NC-303. Communications Receiver less speaker. Shpg. Wt., 64 lbs.  
 HE-208WX 44.90 Down Net 449.00  
 NTS-2. Matching speaker for NC-303. Shpg. Wt., 10 lbs.  
 HE-209 5.00 Down Net 21.95  
 XCU-300. 100 KC Crystal calibrator. Shpg. Wt., 3 lbs.  
 HE-210 5.00 Down Net 23.95  
 HRO-60T. Double Conversion Communications Receiver. Shpg. Wt., 88 lbs.  
 HE-211WX 74.50 Down Net 745.00  
 HRO-60TS. Matching table model speaker for HRO-60T. Shpg. Wt., 10 lbs.  
 HE-212 Net 19.95

# JOHNSON-VIKING AMATEUR EQUIPMENT



A.



B.



G.



C.



F.



I.



D.



E.

**Fig. F. "NAVIGATOR" CW TRANSMITTER-EXCITER**

This splendid new CW Transmitter/Exciter will appeal particularly to the discriminating CW operator who requires a flexible, highly stable VFO; an excellent keying system; oil coupled with substantial RF output. The "Navigator" has ample RF power to excite most high powered final amplifiers. Bandwidthing 160 through 10 meters. Provides full TVI suppression and filtering. Other features: Electronic timed sequence keying, wide range pi-network output and 6146 in final amplifier. Size: 13 1/2" x 9 1/2" x 10-1/16". Shpg. wt., 27 lbs.  
 MODEL 240-126-1 Above in kit form. With tubes.  
 HE-415WX ..... 14.95 Down ..... Net 149.50  
 MODEL 240-126-2 Above wired and tested. With tubes.  
 HE-416WX ..... 19.95 Down ..... Net 199.50

**Fig. A. "RANGER" AM-CW TRANSMITTER-EXCITER**

The "Ranger" is a rugged and compact 75 watt CW input or 65 watt phone unit. The "Ranger" has a pi-network coupling system that will match antenna loads from 50 to 500 ohms and will tune out large amounts of reactance. Single-knob bandwidthing on six amateur bands; 160, 80, 40, 20, 15 and 10 meters built in VFO or crystal control. Timed sequence (grid block) keying provides ideal "mobe" or "break" on your keyed signal, yet the "break-in" advantages of a keyed VFO are retained. As an exciter, the "Ranger" will drive any of the popular kilowatt level tubes and will provide a high quality speech driver system for high powered modulators. Size: 15 1/2" x 9 1/2" x 14". Shpg. wt., 54 lbs.  
 MODEL 240-161-1 Above in kit form. With tubes.  
 HE-410WX ..... 22.95 Down ..... Net 229.50  
 MODEL 240-161-2 Above wired and tested.  
 HE-411WX ..... 32.95 Down ..... Net 329.50

**Fig. G. "VALIANT" AM-CW TRANSMITTER**

This compact transmitter gives you outstanding flexibility and performance... Built-in VFO or crystal controlled, the Valiant is completely bandwidthing on all amateur bands 160 through 10 meters... delivers a full 275 watts input on CW and SSB (with an auxiliary SSB exciter) and 200 watts on AM. VFO is temperature compensated and extremely stable.  
 The "Valiant" is designed with a high efficiency pi-network tank circuit which will match antenna loads from 50 to 600 ohms and tune out large amounts of reactance. Final tank coil is silver plated. Other features: complete TVI suppression; timed sequence (grid block) keying; high gain push-to-talk audio system; low level audio clipping; built-in low pass audio filter and self contained power supplies. Size: 21" x 11 1/2" x 16 1/2". Shpg. wt., 83 lbs.  
 MODEL 240-104-1 Above in kit form. With tubes.  
 HE-419WX ..... 34.95 Down ..... Net 349.50  
 MODEL 240-104-2 Above wired and tested. With tubes.  
 HE-420WX ..... 43.95 Down ..... Net 439.50

**Fig. I. "CHALLENGER" 80 THROUGH 6 METER TRANSMITTER**

The new Viking "Challenger" is ideal for the novice or experienced amateur for fixed station, emergency, portable, or field day use! A full size transmitter with three RF stages, the "Challenger" is designed for fast, easy tuning, excellent stability, and plenty of reserve drive! Instant bandwidthing 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 1/2" x 10-1/16" x 9 1/2". Shpg. wt., 28 lbs.  
 MODEL 240-182-1 Above in kit form. With tubes.  
 HE-424WX ..... 11.50 Down ..... Net 114.75  
 MODEL 240-182-2 Above wired and tested. With tubes.  
 HE-425WX ..... 15.50 Down ..... Net 154.75

**Fig. B. "PACEMAKER" AM-CW-SSB TRANSMITTER**

The "Pacemaker" is an outstanding transmitter and exciter. 90 watts input CW and SSB (P.E.P.)... 35 watts AM! Single knob bandwidthing on 80, 40, 20, 15 and 10 meters, the "Pacemaker" has an extremely stable built-in VFO which provides complete coverage of all bands without crystal switching or re-tuning. Unique circuitry uses only 1 mixer for improved spurious signal rejection greater than 50 db. Eliminates great multiplicity of sum and difference spurious products inherent in systems utilizing 2 or 3 mixers. Balanced range audio does not sacrifice low frequency response as is usually necessary in filter-type equipment. VOX and anti-trip circuits are provided for voice controlled operation. Plenty of power to drive conventional or grounded grid kilowatt amplifiers. Size: 21" x 11 1/2" x 16 1/2". Shpg. wt., 74 lbs.  
 MODEL 240-301-2 Above wired and tested. With tubes.  
 HE-414 WX ..... 49.50 Down ..... Net 495.00

**Fig. C "500" WATT TRANSMITTER**

The Viking "Five Hundred" is a complete 500 to 600 watt transmitter for the 80 through 10 meter bands. All exciter stages are ganged to the VFO tuning... unit is designed throughout for outstanding operating convenience and flexibility. The "Five Hundred" consists of two compact units; an RF unit small enough to place on your operating desk beside your receiver; and a power supply/modulator unit so compact it may be placed in most any convenient location.

The Viking "Five Hundred" has been designed for either crystal or VFO control. Instant bandwidthing, the "Five Hundred" is effectively TVI suppressed and filtered... contains a PI-L network output circuit, with silver plated final tank coil. Safety and protective features include: a tamperproof, key-operated main switch; cabinet interlocks; excitation and bias failure protection; fused filament and plate supplies; and high voltage time delay. Size: 21" x 11 1/2" x 16 1/2". Shpg. wt., 200 lbs.  
 MODEL 240-500-1 Above in kit form. With tubes.  
 HE-417WX ..... 74.95 Down ..... Net 749.50  
 MODEL 240-500-2 Above wired and tested.  
 HE-418WX ..... 94.95 Down ..... Net 949.50

## 500 WATTS PEP COURIER



The new Viking "Courier" delivers full communication power-rated a solid one-half kilowatt P.E.P. Input as a Class B linear amplifier; one-half kilowatt input on CW or 200 watts in AM linear mode. In a completely self-contained desk-top package. The Viking "Courier" may be driven by the Viking "Challenger" "Ranger", "Pacemaker" or other unit of comparable output. Continuous coverage 3.5 to 30 mcgacycles (bandwidthed)—high efficiency pi-network output circuit. Rotary tank coil and plate tuning capacitor are ganged to single control and provide uniform loaded tank circuit Q throughout operating range. Unique laboratory stability tests assure an amplifier with exceptional overall stability appreciably superior to other amplifiers. Fully TVI suppressed and filtered; completely self-contained with built-in power supply. Size: 15 1/2" x 9 1/2" x 14". Shpg. wt., 68 lbs.  
 MODEL 240-352-1 above in kit form with tubes.  
 HE-426 WX ..... 24.45 Down ..... Net 244.50  
 MODEL 240-352-2 Above wired and tested. With tubes.  
 HE-427WX ..... 28.95 Down ..... Net 289.50

**Fig. H. "ADVENTURER" CW-TRANSMITTER**

Loaded with features for both novice and experienced amateur, the new Viking "Adventurer" kit is a completely self-contained, single-knob bandwidthing and effectively TVI suppressed transmitter. The "Adventurer" operates crystal or external VFO control. The RF lineup consists of a 6AG7 oscillator/multiplier and an 807 power output tube. Front panel meter switching monitors final grid or plate currents—clean and crisp break-in keying is accomplished by breaking both oscillator and final amplifier circuits simultaneously. Size: 10 1/2" x 8 1/2" x 7 1/2". Shpg. wt., 19 lbs.  
 MODEL 240-181-1 Above in kit form. With tubes.  
 HE-423WX ..... 5.50 Down ..... Net 54.95  
 MODEL 250-40 Speech amplifier/Modulator kit for Adventurer. With tubes. Shpg. wt., 1 lb.  
 HE-444 ..... Net 12.25

**Fig. D. "6N2" VHF TRANSMITTER**

An excellently designed transmitter for both 6 and 2 meters. For use with power supply-modulator combinations. Required minimum of 6.3 VAC at 3.5 amps, 300 VDC at 70 ma., 300 to 750 VDC at 200 ma. and 30 watts of audio. Input rated 150 watts CW and 100 watts AM phone.  
 MODEL 240-201-1 Above in kit form. With tubes.  
 HE-445WX ..... 12.95 Down ..... Net 129.50  
 MODEL 240-201-2 Above wired and tested. With tubes.  
 HE-446WX ..... 16.95 Down ..... Net 169.50

**"6N2 THUNDERBOLT" 6 AND 2 METER AMPLIFIER**

Rated at 1200 watts peak envelope power input on either 6 or 2 meters. Requires approximately 5-6 watts of drive. The unit is completely self-contained with high voltage power supply, internal blocking bias, voltage regulator, screen and bias supplies. Two meters provide constant visual check of operation. Size: 21" x 11 1/2" x 16 1/2". Shpg. wt., 140 lbs.  
 MODEL 240-362-1 Above in kit form. With tubes.  
 HE-421WX ..... 52.45 Down ..... Net 524.50  
 MODEL 240-362-2 Above wired and tested.  
 HE-422WX ..... 58.95 Down ..... Net 589.50

**Fig. E. "THUNDERBOLT" LINEAR AMPLIFIER**

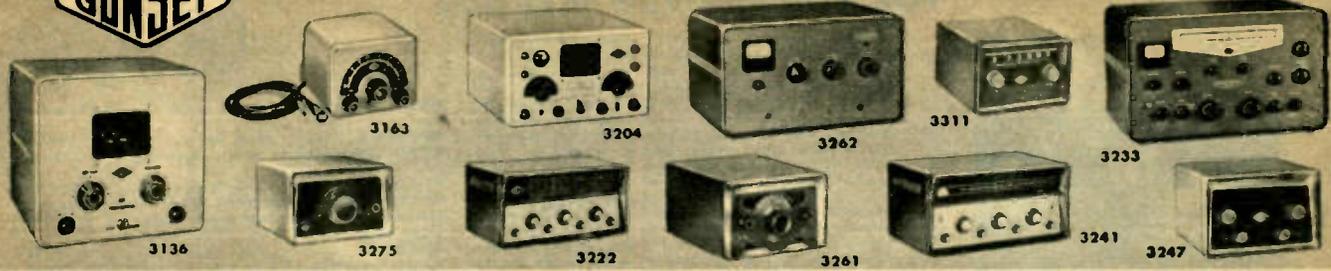
Here's solid communication power—2,000 watts P.E.P. input; 1,000 watts CW; 800 watts AM linear; in a completely self-contained desk-top package. The "Thunderbolt" may be driven by the Viking "Navigator", "Ranger", "Pacemaker" or other unit of comparable output. Continuous coverage 3.5 to 30 mcgacycles (bandwidthed)—wide range pi-network output circuit. The "Thunderbolt" has been engineered to provide maximum "talk-power" to smash through QRM. Completely self-contained with internal blocking bias, voltage regulated screen and bias supplies, and plate power supply. Size: 21" x 11 1/2" x 16 1/2". Shpg. wt., 140 lbs.  
 MODEL 240-353-1 Above in kit form. With tubes.  
 HE-412WX ..... 52.45 Down ..... Net 524.50  
 MODEL 240-353-2 Above wired and tested.  
 HE-413WX ..... 58.95 Down ..... Net 589.50

## OTHER JOHNSON AMATEUR EQUIPMENT

MFR. NO.	STOCK NO.	DESCRIPTION	WT. LBS.	NET
HE-428	240-133-1	"6N2" VFO kit	3	34.95
HE-429	240-133-2	"6N2" VFO wired	3	84.95
HE-430WX	230-23-3	275 W Matchbox with coupler	13	86.80
HE-431WX	250-23	275 W Matchbox less coupler	13	84.95
HE-432WX	250-30-3	KW Matchbox with coupler	28	149.80
HE-433WX	250-30-2	KW Matchbox less coupler	28	124.80
HE-434	250-43-1	Converter kit 28-30 mc	5	89.95
HE-435	250-43-2	Converter kit 28-30 mc	5	89.95
HE-436	250-43-3	Converter kit 14-18 mc	5	89.95
HE-437WX	240-102-16	VIKING II Matchstick antenna	78	430.00
HE-438WX	137-10	Matchstick antenna	38	129.80
HE-439	280-09	T-R Switch	5	27.78
HE-440WX	240-1000	Kilowatt Amplifier	400	1868.00
HE-441WX	231-101-1	Desk, mounts on right	185	132.00
HE-442WX	231-101-2	Desk, mounts on left	185	132.00
HE-443	280-85	Signal Sentry	3	22.00



# MOBILE - COMMUNICATIONS EQUIPMENT - FIXED



## COMMUNICATOR III TRANSCEIVERS FOR 6 OR 2 METERS

Complete home, portable or mobile stations for either 6 or 2 meters. Features a calibrated tunable receiver, adjustable squelch, and noise limiter. The transmitter section is crystal controlled and utilizes a 2E26 in the final. AM output is 6 to 8 watts. Built-in tuning meter. Crystal or external VFO excitation. Size: 10 1/4" x 10" x 8 1/4". Shpg. wt., 25 lbs.

MODEL 3133 2 meter version as above. Net 289.50  
 HE-502WX 28.95 Down

MODEL 3136 6 meter version as above. Net 289.50  
 HE-503WX 28.95 Down

MODEL 3217 Zipper Carrying case for above. Shpg. wt., 3 lbs.  
 HE-504 Net 14.95

### RF LINEAR AMPLIFIERS

Increases output to 50-60 watts when used in conjunction with Communicator III. Amplifier uses two 826 VHF triodes. 115V AC only. Shpg. wt., 30 lbs.

MODEL 3211 2 meter version of above. Net 169.50  
 HE-508WX 16.95 Down

MODEL 3212 6 meter version of above. Net 169.50  
 HE-509WX 16.95 Down

## MODEL 3226 VFO

Covers both 2 and 6 meters. For use with Communicator III series. 115V AC only. Shpg. wt., 7 lbs.  
 HE-516 6.95 Down Net 69.50

## MARINE-POLICE CONVERTER MODEL 3163

New Gonsset converter operates in conjunction with your present auto radio. It covers the frequency range of 1600 to 3000 kc. which includes various ship-to-shore and ship-to-ship services. Also covered are frequencies used by Police, Coast Guard, Weather, Time, Conelrad, and numerous others.

The full-vision dial has calibrated scale. Installation is simple, and non-technical. A switch-on converter panel gives instant selection of regular broadcast or short wave. Size: 3 1/2" x 4" x 4". Complete with plug and cable. Shpg. wt., 5 lbs. For 12 volt battery system only.

HE-505 5.00 Down Net 29.50

## 6 METER CONVERTER MODEL 3275

MODEL 3275 is an effective new converter which provides excellent 6 meter reception on the 49 to 54 mc. range when operated in conjunction with an automobile radio. Triple conversion gives maximum image rejection. The converter is highly stable and has low frequency drift. The full-vision calibrated dial utilizes planetary drive on tuning shaft for ease of tuning.

Operation is directly from 12 volt car battery. No high voltage supply is required. Unit is compact and is mounted readily under dashboard with bracket provided. A noise clipper is built into the converter cabinet as an added convenience. Shpg. wt., 5 lbs. For 12 volt battery system only.

HE-522 6.95 Down Net 69.50

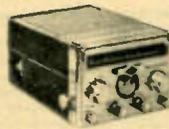
## G-66B RECEIVER

Complete double conversion mobile receiver offering superior performance on all amateur bands 80 through 10 meters and standard broadcast band. Highly stabilized oscillators provide excellent reception of AM, CW, or SSB. Each band is individually calibrated, and spread across the easy-to-read dial. Rotation drum exposes only one dial scale at a time. Other features include: built-in "S" meter, variable BFO 40:1 tuning ratio and high quality noise limiter. Receiver comes complete with built-in power supply, firewall mounting kit and 4' power supply patch cable. Size 6 1/2" x 4 1/2" x 9". Shpg. wt., 22 lbs.

MODEL 3213-6 For 6V DC and 115V AC. Net 259.00  
 HE-510 25.90 Down

MODEL 3213-12 For 12V DC and 115V AC. Net 259.00  
 HE-511WX 25.90 Down

MODEL 3214 For 12V DC only. Net 239.00  
 HE-512WX 23.90 Down



## G-77A TRANSMITTER

Complete bandswitching mobile transmitter covers the 80-40-20-15-10 meter bands, and features a built-in highly stable VFO, complete bandswitching and pi-network output. Final amplifier employs a 6146 with 50.60 watt input. VFO dial is drum type with 40:1 tuning ratio matching the receiver tuning dial. Modulator receives integral speech clipping. Panel meter reads modulator plate current and grid and plate current of amplifier. Front Panel Controls: range switch, VFO tuning, bandspread dial, pi network input and load controls, VFO/crystal switch, metering/VFO, spot switch and power off-on. Transmitter comes complete with built-in power supply modulator and cable installation kit. Shpg. wt., 42 lbs.

MODEL 3203 for 12V DC and 115V AC. (May be modified for 6V DC operation.) Net 299.00  
 HE-506WX 29.90 Down

## MODEL 3204

### 10 METER COMMUNICATOR

A complete 10 meter station, this transceiver contains a VFO-tuned transmitter, and double conversion receiver in one compact package. Specifications: 50 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" for muted standby, an effective noise limiter, "S" meter, and built-in loudspeaker. Coverage is 28-29.7 mc. Dial is full vision type and has planetary vernier drive for easy tuning. Power supply is built-in. Size 13 x 7 1/2 x 1 1/2". Shpg. wt., 35 lbs. For 115V AC only.

HE-507WX 29.95 Down Net 299.50

### G-33 ALL BAND RECEIVER

Now you can get outstanding all-band reception—virtually the world at your fingertips. London, Paris, Berlin, Moscow, all international news events, plus domestic broadcast band. Modern design blends perfectly with any living room, den, or office. The G-33 has two full-vision, illuminated, slide rule type dials for instant identification of broadcast and short wave frequencies. Vernier tuning knobs contain counter weights for smooth non-critical tuning. 5 tubes plus rectifier. Size: 8" x 10 1/2" x 16 1/2". Shpg. wt., 24 lbs.

MODEL 3222 for 115V AC only. Net 89.95  
 HE-515WX 9.00 Down

### GSB LINEAR AMPLIFIER

• IKW P.E.P.

Here's a grounded grid linear amplifier capable of 1000 watts P.E.P. input. It can be driven to full output by any exciter delivering between 60-70 watts. Amplifier uses four 811A's. Built-in heavy duty power supply employs two 866A mercury-vapor rectifier tubes. Operation is simple, with a minimum of tuning. Shpg. wt., 150 lbs.

MODEL 3262 115V AC only. Net 439.50  
 HE-520WX 43.95 Down

### SUPER 12 CONVERTER

Amateur converter for mobile use. Covers 80-40-20-15-10 meter amateur bands. The Super 12 is easily installed and requires no alterations or internal connections to the car radio. Unit is compact in size and features excellent sensitivity and stability. Built-in power supply works directly off car battery, no external high voltage supply is needed. Shpg. wt., 6 lbs.

MODEL 3261 Above factory wired for 12V DC only. Net 69.50  
 HE-519 6.95 Down

### MODEL 3012 FM TUNER

For mobile or home use. Not illustrated. Easily installed in any conventional AM tuner. Covers 152-162 MC. Power requirements 150V DC at 14 ma and 6.3V AC at 1.8 ma. Size 5 1/2" x 3 1/2" x 2 1/2". Shpg. wt., 5 lbs.

HE-524 7.95 Down Net 79.50

## MODEL 3311 FM AUTO TUNER

Now you can enjoy fine music in full high fidelity while driving. The FM tuner gives drift-free reception, and eliminates "drop-out" from high tension line, and similar interference. The FM program is seldom impaired when one drives through tunnels or under bridges, unlike AM which usually fades or disappears. The tuner features high sensitivity (3-5 μ volts for 20 db quieting), high image rejection, AFC and a beautiful chrome-trimmed cabinet that improves the interior appearance of any car. Shpg. wt., 8 lbs. For 12V DC only.

HE-535WX 10.00 Down Net 99.95

## G43 ALL BAND COMMUNICATIONS RECEIVER

A fine, new all-band receiver, offering the radio amateur or advanced short wave listener features usually found in much higher priced equipment. The G43 features wide frequency coverage (540 kc-30 mc) built-in "S" meter, high stability, and velvet smooth tuning made possible by inertial weighted flywheel. Specifications: Sensitivity 3 μ volts or better throughout the frequency range. Selectivity: 6 kc at 6 db down, 24 kc at 60 db. Oscillators are temperature compensated and electrically stabilized to insure very low frequency drift. Shpg. wt., 26 lbs. MODEL 3241 Complete with built-in speaker, for 115V AC only.

HE-518WX 15.95 Down Net 159.50

## GSB-100 SSB TRANSMITTER

This complete, ready-to-operate SSB transmitter is rated at 100 watts on a single-tone basis. Operates on AM, CW, SSB and phase modulation. The GSB-100 features built-in voice control system (VOX) 100% AM modulation. Improved phasing techniques, built-in exceptionally stable V.F.O., Complete band switching and built-in heavy-duty power supply. Specifications: Coverage: 80-40-20-15 and 10 meters. Input: 100 watts-single tone, Output: 50 watts single tone Carrier Suppression: 60 db. Unwanted side-band suppression 45 db. Shpg. wt., 67 lbs.

MODEL 3233 for 115V AC only. Net 479.50  
 HE-517WX 47.95 Down

## MOBILE FM CONVERTERS

Now you can convert your auto radio for FM reception. Minimum drift high signal-to-noise ratio and exceptional sensitivity are assured through the use of advanced circuit design. Installation is simple, and can be made in minutes. Front panel switch allows you to select either standard or FM reception. Converters are housed in attractive chrome-trimmed cabinet that blends with instrument panel of all cars. Shpg. wt., 24 lbs. 12V DC only.

MODEL 3247 30-40 MC version of above. Net 89.50  
 HE-525WX 8.95 Down

MODEL 3251 As above but 40-50 MC range. Net 89.50  
 HE-526WX 8.95 Down

## 3 BANDER BEAMS 10-15-20 METERS

Top performance on 3 bands is achieved without coils of any kind! All elements are factory cut to length. No instruments needed — you tune only with a tape measure.

MODEL 3220 3 element version of above, wt., 75 lbs. Net 124.50  
 HE-513WX 12.45 Down

MODEL 3219 2 element version of above, wt., 45 lbs. Net 84.50  
 HE-536WX 8.45 Down

MODEL 3221 2 element version of above, wt., 45 lbs. Net 84.50  
 HE-536WX 8.45 Down

## OTHER GONSET EQUIPMENT

STOCK NO.	GONSET NO.	DESCRIPTION	SHPG. WT.	NET
HE-500	3001	Mobile noise clipper	1 lb.	9.95
HE-523	3006	Steering post mounting bracket for mounting mobile converters	1 lb.	4.50
HE-501	3022	Combination code practice oscillator and CW-AM monitor	5 lbs.	29.50
HE-514WX	3221	6 meter transceiver for fixed station use. 115V AC only	35 lbs.	319.50
HE-521	3273	"Hybrid" phone patch	8 lbs.	44.50



# CITIZEN BAND—TWO-WAY RADIO CLASS "D" FOR BUSINESS—FOR PLEASURE

## GONSET G11



Use for business or pleasure. Two-way communications on the 11 meter band means greater range, reliability and versatility. Gonset G-11 meets every field and F.C.C. requirement. Transmitter is rated at 5 watts power input, is AM modulated and has 0.005% tolerance crystals. The G-11 is designed so that it will never produce illegal emissions. Full press-to-talk feature simplifies operation. Has effective audio system. Speaker is built into front panel. G-11 also has adjustable "squelch" for muted standby operation. Tuning indicator on front panel gives visual indication of proper transmitter operation. Both transmitter and receiver are crystal controlled for highest stability. Merely turn on your set and press microphone button to talk. Three models available, 6 volts DC only, 12 volts DC only or 115 volts AC only. Transmitter, receiver and power supply are all in one compact unit measuring only 5 1/4" high, 6 3/4" wide, 6 3/4" deep.

**MODEL 3303** Complete with press-to-talk microphone and crystals for one channel. For 115 V AC operation. Shpg. wt., 10 lbs.

**HE-527WX** ..... 12.45 Down ..... Net 124.50



**MODEL 3304** Same as above, except for 12V DC operation.

**HE-528WX** ..... 12.45 Down ..... Net 124.50

**MODEL 3305** Same as above, except for 6V DC operation.

**HE-529WX** ..... 12.45 Down ..... Net 124.50

**MODEL 3296 GROUND PLANE ANTENNA** for home use. Complete with 50' of lead in guy wires, and hardware. Shpg. wt., 11 lbs.

**HE-530WX** ..... 5.00 Down ..... Net 39.95

**MODEL 3297 MOBILE ANTENNA** Cowl loaded whip. Shpg. wt., 2 lbs.

**HE-531** ..... Net 13.50

**MODEL 3302 3 ELEMENT BEAM**—Directional antenna with forward gain of 8 db. Front to back ratio is better than 20 db. Shpg. wt., 16 lbs.

**HE-532WX** ..... 5.00 Down ..... Net 39.95

## VOCALINE

**THE COMMAIRE ED-27** is a compact, highly efficient transceiver. The receiver section employs a double conversion superheterodyne circuit and emphasizes excellent sensitivity and selectivity. The transmitter section features at full 5 watt input and a high quality modulator. SPECIFICATIONS: Selectivity:  $\pm$  5 kc of points 6 db down. Sensitivity: 0.1 microvolts. Noise Immune. Patented squelch. Audio Output 4.5 watts. Uses 10 tubes. Power Supply is transistorized. Power 115V AC and 6V DC or 115 V AC and 12V DC. Size: 5" x 9" x 7 1/4". Shpg. wt., 11 1/2 lbs. ED-27. Complete with push-button microphone, short range antenna, crystals to operate on 27.105 mc. AC and DC line cords and mobile mounting brackets.

**HE-250WX** 115 VAC/6 VDC 14.36 Down Net 143.60

**HE-251WX** 115 VAC/12 VDC 14.36 Down Net 143.60

**MODEL CVM** Same as above, for rear fender mounting. Shpg. wt., 5 lbs.

**HE-244WX** ..... 5.00 Down ..... Net 23.60

**MODEL DVB-42** For mobile use. 102", stainless steel complete with 15' cable, plug, gutter clip, spring and bumper mount. Shpg. wt., 7 lbs.

**HE-245WX** ..... Net 15.80

**MODEL DVM-32** Same as above, for rear fender mounting. Shpg. wt., 7 lbs.

**HE-246WX** ..... Net 16.80

**MODEL DVT-581** For mobile use, base loaded shorter range antenna. Complete with gutter clamp, cable and plug. Shpg. wt., 2 lbs.

**HE-247WX** ..... Net 13.80

**MODEL DVP-36** Portable whip for indoor use. 40" base loaded. Shpg. wt., 2 lbs.

**HE-248WX** ..... Net 7.40

**MODEL CVX** Far home or marine use. Fibre glass construction and corrosion resistant. Complete with mounting bracket and 15' cable with plug.

**HE-249WX** ..... 5.00 Down ..... Net 36.80



## AUXILIARY ANTENNAS

**MODEL CVB** For mobile use, 93", white fibre glass complete with cable, plug, gutter clip, spring and bumper mount. Shpg. wt., 5 lbs.

**HE-243 WX** ..... 5.00 Down ..... Net 22.00

## REGENCY

The CB-27 was designed to give complete flexibility of operation on the class D Citizens Band. TRANSMITTER section provides choice of two channels for interference-free transmission. Unit comes equipped with crystal for one channel. Unit is factory aligned on an additional channel. Other features: Double conversion, superheterodyne design, adjustable squelch, noise limiter, illuminated slide rule dial, AVC and crystal controlled first oscillator.

**Receiver**  
Tunable chan. 1-22. Sens. 2uv or better. Selectivity: —6 kc @ 6 db down and 14 kc @ 60 db down.  
Image rejection: 40 db or better. Double conversion superheterodyne. 1st osc. xtal controlled-1st IF 10.7 mc—2nd osc. tuneable-2nd IF 455 kc. Adjustable carrier-operated squelch operates reliably at 5 uv or less.  
Adjustable carrier-controlled series-gate noise limiter AVC  
2 watts audio output—4" Alnico V speaker  
Easy to read calibrated slide rule dial

Controls: Tuning, squelch, on-off/vol.  
**TRANSMITTER**  
Hand-held microphone with push-to-talk button  
Automatic modulation control  
5 watts input power  
Two switch-selected transmit channels available. One channel factory aligned and crystal furnished—additional channel factory aligned for easy crystal installation if desired. Antenna matching over a range of 20-100 ohms.

**General**  
Supply Power: 115 V AC (CB-27) or 12 V DC (CBM-27).  
Power Consumption 30 watts (standby) 50 watts (transmit)  
Size: 4 1/2" x 6 1/2" x 8 3/4". Shpg. wt., 11 lbs.

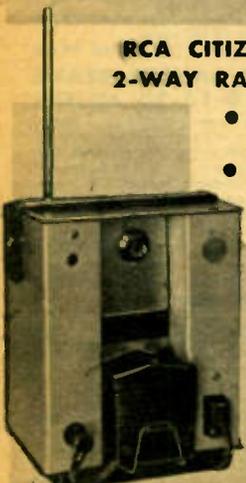
**MODEL CB-27** Operates on 115 V AC.  
**HE-488WX** ..... 12.50 Down ..... Net 124.95

**MODEL CBM-27** Operates on 12 V DC.  
**HE-489WX** ..... 12.50 Down ..... Net 124.95



## RCA CITIZENS BAND 2-WAY RADIO-PHONE

- Operation from 115v AC and 6 or 12vDC
- Compact, portable—weighs only 8 lbs.



**124.95**

**SQUELCH UNIT**—Plug-in type for quieting receiver when not receiving signals. Type MI-555502. Shpg. wt., 3 lbs.  
**HE-636** ..... 5.00 Down ..... Net 23.00

This RCA Radio-phone is designed to provide low cost 2-way communication facilities for all boat owners. Operates on 27MC "Citizens" band. Essential for travelers not already equipped with a radio-telephone. Also useful for construction crews, surveyors, hunters, and sportsmen. Push-to-talk button permits easy one-hand operation. Other features include—5 watt transmitter, 4 ft. telescoping antenna; Two 5 ft. power cables; Retractable carrying handle; Highly sensitive receiver; Weatherproof aluminum cabinet. Unit measures 9 1/4" H x 7 1/4" W x 5" D and weighs only 8 lbs. Two types available for operation from either 6V DC and 115V AC or 12V DC and 115V AC.

**TYPE CRM-P2A-5** Shipping weight 10 lbs.  
**HE-629WX** ..... 12.50 Down ..... Net 124.95

**HE-630WX** ..... 12.50 Down ..... Net 124.95

## ACCESSORIES FOR RCA RADIO-PHONE

**MARINE ANTENNA**—108" whip type with swivel base adapter and 15 ft. cable. Type MI-555499. Shpg. wt., 7 lbs.

**HE-631WX** ..... 5.00 Down ..... Net 24.50

**VEHICULAR ANTENNA**—102" whip type (bumper chain mount) with shock mounting spring and 15 ft. cable. Type MI-555497. Shpg. wt., 7 lbs.

**HE-632WX** ..... 5.00 Down ..... Net 24.50

**VEHICULAR ANTENNA**—102" whip type (for cowl and rear) with shock mounting spring, swivel base and 15 ft. cable. Type MI-555498. Shpg. wt., 7 lbs.

**HE-633WX** ..... 5.00 Down ..... Net 25.00

**GROUND PLANE ANTENNA**—Large heavy-duty vertical type with 4 telescoping ground plane radials. Type MI-555501. Shpg. wt., 12 lbs.

**HE-635WX** ..... 5.00 Down ..... Net 26.75

## Electro-Voice

### RME MODEL 4303 TRANSISTORIZED CLASS "D" TRANSCIEVER

**99.50**

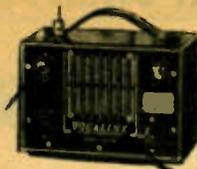
Hand-held portable, completely transistorized unit requiring no test to operate, and features superheterodyne circuitry, compactness, and portability. SPECIFICATIONS: RECEIVER Frequency Coverage 26.96 to 27.27 mc. Sensitivity: 2 microvolts. Circuitry: Superheterodyne type. TRANSMITTER: crystal controlled on all channels—between 26.98 and 27.26 mc. Power input to final tube is 90 milliwatts. The transceiver employs 7 high gain transistors and 2 diodes. Average battery life 60 hours. Requires two Burgess 24 or Eveready 724 batteries (not supplied). Size 2" x 3" x 9". Shpg. wt., 3 lbs. Complete with 34" retractable whip antenna.



**HE-620WX** ... 9.95 Down ... Net 99.50

**BA-109 BATTERY** (2 required) Shpg. wt., 4 oz. Net Ea. .63

# SHORT WAVE • AMATEUR • MARINE EQUIPMENT



## VOCALINE LOW COST 2-WAY TRANSCIVERS

Practical 2-way communication for boat sportsmen, surveying, etc. Simple operation, no tuning or adjustments.

Built-in whip antenna. Operates on Citizens Band, no examination is required for license. Complete with microphone. Size 9" x 6" x 5". Shpg. wt., 12 lbs. For 115V AC and battery operation, specify choice of 6 or 12v. DC.

- VOCALINE JRC-400 transceivers.**  
**HE-235WX** 12 Down Net per pair 119.60  
**VOCALINE JRC-425 transceivers**, as above, but featuring push-to-talk operation. With earphone jack and stainless steel mike.  
**HE-236WX** 16.75 Down Net per pair 167.50  
**LCX-1 CARRYING CASE**—holds transceiver, mike, line cords, and provides space for wet cell battery. Shpg. wt., 4 lbs.  
**HE-237** Net 15.96

## VOCALINE ANTENNAS

- GP4-10** ground plane with 10' coax.  
**HE-238** Net 6.36  
**GP4-20** ground plane 20' of RG58U coax line.  
**HE-239** Net 7.96  
**GP5-50** ground plane, 50' of RG80 low loss coax.  
**HE-240** Net 19.96  
**AD-3** High gain directional antenna, less coax.  
**HE-241** Net 19.96



## 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  $\mu$ 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 1/2" x 7 1/2" x 6 1/2". For 105-125 watts 60 cycle AC only. Shpg. wt., 15 lbs.

- MODEL MR-10** tunable FM receiver for 152-174 MC band.  
**HE-270WX** 6.45 Down Net 64.50  
**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.  
**HE-271WX** 7.65 Down Net 76.50  
**MODEL CA-2** antenna for MR-10 and MRC-10 receivers.  
**HE-272** Shpg. wt., 1 lb. Net 5.00  
**MODEL MR-33** tunable FM receiver for 30-50 MC band.  
**HE-273WX** 6.45 Down Shpg. wt., 15 lbs. 64.50  
**MODEL MRC-33** crystal-controlled FM receiver, for 30-50 MC band. Shipped from factory with crystal installed and adjusted. Specify exact frequency desired. Wt., 15 lbs.  
**HE-274WX** 7.65 Down Net 76.50  
**MODEL A-30** antenna for MR-33 and MRC-33 receivers.  
**HE-275** Shpg. wt., 1 lb. Net 7.50  
**MODELS CF-1** and **DM-1** facilitate reception of narrowed-bandwidth FM transmissions established by recent FCC regulations. For MR-10, MRC-10, MR-33, and MRC-33. CF-1 Crystal Filter increases selectivity. Shpg. wt., 2 lbs.  
**HE-276** 5.00 Down Net 29.95  
**DM-1 RATIO DETECTOR MODIFICATION KIT** increases audio output.  
**HE-277** Shpg. wt., 3 lbs. Net 6.95



## 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 1/2" x 6 1/2" x 8 1/4". Shpg. wt., 10 lbs.

- MODEL M-40** Mobile FM receiver for 30-50 MC band. Sensitivity 2  $\mu$ v for 20 db quieting.  
**HE-278WX** 9.95 Down Net 99.50  
**MODEL MC-40**. Same as above, but crystal-controlled.  
**HE-279WX** 11.45 Down Net 114.50  
**MODEL M-160** Mobile FM receiver for the 152-174 MC bands. Sensitivity 4  $\mu$ v for 20 db quieting.  
**HE-280WX** 9.95 Down Net 99.50  
**MODEL MC-160** Same as above, but crystal-controlled.  
**HE-281WX** 11.45 Down Net 114.50  
 Specify Frequency for MC Models



## MONITORADIO NEW 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  $\pm$ 5KC deviation; Selectivity 100 KC. For 117 V AC or DC. Size: 9 1/2" x 6" x 5 1/2". Shpg. wt., 6 lbs.  
**PR-35 FM Receiver, Covers 30-50MC**  
**HE-282** 5.00 Down Net 49.95  
**PR-155 FM Receiver, Covers 152-174MC.**  
**HE-283** 5.00 Down Net 49.95



## AMECO 6-METER CONVERTER KIT MODEL CB-6K

Now you can convert any receiver to cover the 6 meter band. Pi-net output with tapped coil permits adaption to any receiver regardless of frequency. Converter is crystal controlled, and utilizes a 6827 cascade RF amplifier and 6UBA mixer-oscillator. Features double-tuned, shielded bypass transformers between antenna and RF stages and between RF stage and mixer to provide the ideal response curve for high sensitivity and maximum harmonic rejection. Specifications: IF rejection—over 100 db. Power gain: 20 db. Noise rejection: 4 db. Unit is housed in brushed copper chassis with black lettering. Power requirements: 16 ma at 117 V DC and .85A at 6.3 V AC., obtainable from the receiver or from Model PS-1 power supply. Size: 2 1/2" x 2 1/2" x 5". Wt., 3 1/2 lbs. Complete with tubes and crystal.

- HE-385**...6 Meter Converter Kit. Net 19.55  
**HE-386**—CB-6W above but wired 5.00 Down Net 26.95



## AMECO PS-1 POWER SUPPLY

This power supply is primarily intended to supply power to the model CB-6, but can also be used to power any number of accessories around the ham shack. Delivers 50 ma. at 117 VDC and 2A at 6.3 VAC.  
**PS-1 Power Supply Factory Wired and Tested.** Shpg. wt., 6 lbs. Net 11.27

## NEW 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 1/2" x 2-9/16" x 6 1/4". Shpg. wt., 4 lbs.  
**HE-315 KIT** 5.00 Down Net 29.95  
**HE-316 710** above wired 5.00 Down Net 49.95



## NEW EICO 720K TRANSMITTER KIT

Brand new 90 watt band switching rig for 80 through 160 meters. This beautiful rig features clean, conservative design with extra high stability, safety and reliability. Modern, low cabinet with functional front panel design and complete TVI suppression, permits use anywhere. 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. 5" H x 15" W x 9 1/2" D. Shpg. wt., 27 lbs. With all parts and instructions.

- HE-310WX Kit** 8.00 Down Net 79.95  
**MODEL 720** above factory wired.  
**HE-311WX** 12.00 Down Net 119.95



## SONAR MARINE RADIO-TELEPHONE

Now Sonar offers a powerful, lightweight marine radio-telephone with an unusually low current drain. Ideal for the smallest outboard to the largest cruiser. Easily installed and detached without retuning. Features 5 pre-tuned channels plus standard broadcast band. Long range transmitter and extra sensitive receiver. Rugged separate power supply can be installed anywhere on the boat. Specifications: 35 watt input to final tube. Frequency: 2000-3500KC.

- M35W8A** Marine Radio Telephone. Shpg. wt., 9 lbs.  
**HE-350WX** 30.00 Down Net 299.95

## OTHER SONAR MARINE RADIO TELEPHONES



Outstanding radio telephones featuring 6 channels plus broadcast band, adjustable squelch, automatic noise limiter, panel meter, push-to-talk operation.

- MODEL 65** Transmitter power 65 watts. Specify 6 or 12 V DC Shpg. wt., 24 lbs.  
**HE-351WX** 39.50 Down Net 395.00  
**MODEL 90** 94 watts. Specify 12 or 32VDC. wt., 29 lbs.  
**HE-352WX** 49.50 Down Net 495.00  
**MODEL 160** 160 watts. Specify 12 or 32VDC. Wt., 35 lbs.  
**HE-353WX** 59.50 Down Net 595.00



## SONAR DIRECTOR FINDERS

Battery operated unit tunes beacon, broadcast, and marine frequencies. Crystal-controlled reception on 2182 kc emergency channel or any other frequency from 2 to 3 mc.

- Size: 10 1/2" x 11" x 7". Less Batteries. Shpg. wt., 18 lbs.  
**Model DF4X** Director Finder  
**HE-354WX** 18.00 Down Net 179.95  
 Batteries Required: Burgess 2 ea. B-30 1 ea. 8F. Net 7.05  
 Crystals for operation on 2 to 3 mc. — Net ea. 5.00  
**MODEL DF6X** Similar to DF4X, but completely transistorized.  
**HE-355WX** 24.95 Down Net 249.50



## SONAR D-120B DEPTH INDICATOR

Accurate, rugged depth indicator, measuring from 1 to 250 feet. Easily installed, requires 6 or 12 VDC. Size: 9 1/2" x 7" x 6". Complete with transducer, gimbal and fairing block. Shpg. wt., 13 lbs.

- MODEL D-120B** for bulkhead mounting. Shpg. wt., 13 lbs.  
**HE-356WX** 14.00 Down Net 139.50  
**MODEL D-120P** Portable model operates on self-contained 6 watt rechargeable battery. 9 1/2" x 7" x 11". Shpg. wt., 22 lbs.  
**HE-357WX** 19.00 Down Net 189.50  
**MODEL D-125** DEPTH ALARM. Same as above with automatic safety alarm added. Alarm sounds off when boat reaches any predetermined minimum depth. Set it and forget it. Shpg. wt., 12 lbs.  
**HE-358WX** 19.85 Down Net 198.50  
**MODEL D-600**. Deep sea version of model D-120B. Reads 0-600 feet. Size: 11 3/8" x 7 1/2" x 7 1/2". Shpg. wt., 10 lbs.  
**HE-359WX** 24.95 Down Net 249.50

## SONAR ACCESSORIES

- HE-360** Zipper Bag Shpg. wt., 1 lb., Net 4.95  
**HE-361** Telephone Handset Shpg. wt., 3 lbs. Net 18.00  
**HE-362WX** Vanguard Antenna Wt., 4 lbs. Net 45.00  
**HE-363WX** Permanent Antenna Wt., 14 lbs. Net 80.00  
**HE-364** Crystals, pair Shpg. wt., 2 oz. Net 10.00

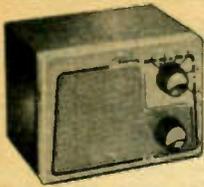
## NEW EICO 730K MODULATOR KIT



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 of 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, EMB4, GZ34. 117V 60 cycles, 150 watts. 6" x 14" x 8". Shpg. wt., 21 lbs.  
**HE-312WX Kit** 5.00 Down Net 49.95  
**HE-313WX** 730 above wired. 8.00 Down Net 79.95  
**HE-314** Model E5 cover for 730. Wt., 5 lbs. Net 4.50

IT'S EASY TO BUY ON LAFAYETTE'S EASY-PAYMENT PLAN

# SELECTED SHORTWAVE, AMATEUR AND MOBILE COMPONENTS

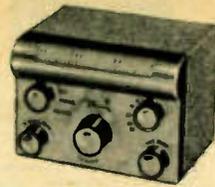


**TCR-2B  
ALL-TRANSISTOR  
RECEIVER**

Compact 5-transistor receiver in a compact case delivering full-bodied tone and high output. Perfect for broadcast reception in the home, or in the car. Ideally suited for use with the ATC-1 converter for portable, mobile or even fixed installation; built-in input matching network provides correct match for converter, assuring the best in performance. Operates up to 200 hours from a single self-contained battery (not furnished). Easily installed in car. Size: 3 1/4" x 4 3/4" x 4 1/16". Shpg. wt., 3 1/2 lbs.

ME-490 -Receiver 5.00 Down ..... Net 39.95  
2N6 9 Volt Battery for above.  
BA-180 ..... Shpg. wt., 6 oz. .... Net 1.30

**Regency  
HAM-MATES**



**ATC-1  
AMATEUR BAND  
CONVERTER**

Novel transistorized converter for the 80, 40, 20, 15, and 10 meter amateur bands. Provides sensitive reception of phone, CW and SSB signals. Completely self-contained, even includes its own power supply — three type Z penlight cells (see below). Built-in Q-multiplier/BFO increases sensitivity and provides beat tone for CW and SSB reception. Entirely bondswitching, uses a drum-type slide rule dial for easy visibility. With cable for connection to TCR-2 receiver, less batteries. Size 3 1/4" x 4 3/4" x 4 1/16". Shpg. wt., 2 1/2 lbs.

HE-491 Converter 8.00 Down ..... Net 79.50  
Type Z Penlight Cell for above (3 required).  
BA-154 ..... Shpg. wt., 4 ozs. each ..... Each Net .08

**NEW!**

**AMECO AC-1T  
AMATEUR**



**TRANSMITTER KIT**

- IDEAL FOR NOVICE
- SELF CONTAINED

The ideal unit for the beginner or novice who requires a reliable transmitter. Contains its own transformer powered AC power supply. Uses a Pi-network output circuit to load any random length wire as antenna. No antenna tuner required. Has full 15 watt input on 40 and 80 meters. Very easy to build, and easy to operate. Complete with punched chassis, all parts, tubes (6V6 and 6X5) and instructions. Shpg. wt., 8 lbs.

ME-394 Transmitter Kit ..... Net 18.70  
ME-395 CK1 extra coil kit ..... Net .50

**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 3" x 3" x 7". Shpg. wt., 3 lbs.

HE-300 Grid-Dip Meter 5.00 Down Net 45.72

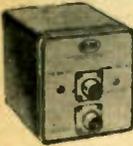
**B & W  
LOW PASS  
FILTERS**



Eliminates TVI problems forever... 85 db attenuation throughout TV band... 100 db on channel 21. Completely self-contained, usable with transmitters to 1 kw, using coaxial transmission line.

HE-301 Model 425 for 52 ohm coax..... Net 17.10  
HE-302 Model 426 for 75 ohm coax..... Net 17.10

**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. 3 7/8" x 5" x 3 1/2". Shpg. wt., 2 lbs.

Model 380B T-R switch  
HE-303 ..... 5.00 Down ..... Net 23.70

**AMECO CD-1  
CONELRAD MONITOR**



Entirely quiet Conelrad Monitor which connects to any receiver with AVC. The receiver, normally quiet, tends out a clear tone when Conelrad operation begins. Complete with tube and transformers, and plug-in connectors. Shpg. wt., 4 lbs.

HE-393 ..... Net 14.65

**NEW CDR  
MODEL HAM-M  
HAM BEAM ROTOR**



Antenna rotor to support and rotate the heaviest beams commercially available. Heavy duty braaced-cut stainless steel motor gears and pinions, with solenoid operated brake release and electrical end-of-rotation protection. Includes attractive indoor control unit with large indicator to show beam direction. Rotor uses heavy duty holding brackets with stainless steel U bolts and nuts providing easy mounting on all standard towers. Complete system ready to install. Wt., 15 lbs. 12.00 Down  
HE-475WX ..... Net 19.50



**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.

HE-400 MODEL CPS-KT. Kit ..... Net 13.47  
HE-401 MODEL CPS-WT. Factory wired ..... Net 14.65

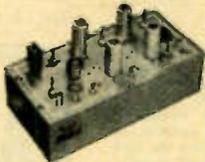
**TAPEDCODE**



Prerecorded magnetic tapes containing a complete course in the International Morse Code. The tapes are 7" 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

**TECRAFT CASCODE  
CONVERTER KITS**

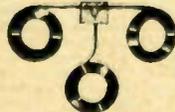


**For Hams, CAP,  
Police and Fire  
Depts., CD, etc.**

Top performance where reliability counts! Designed to be used with general coverage receivers to provide reception on 6 or 2 meters. Noise figure approx. 4 db., 1/10  $\mu$ v. input for signal 6 db over noise level. Gain better than 30 db. Passband 6 mc. @ 6 db down points. Power input: 6.3 V AC @ 2.4 amps and 150-250 V DC @ .043 amp at max voltage. Uses 5 tubes, crystal. Size: 9 1/2" x 3" x 4 1/2" (not inc. tubes). Complete step-by-step assembly instructions. When ordering give tuning range of receiver. Shpg. wt., 5 lbs.

Model CC5-50K 50-54 mc. (6-meter) converter kit.  
HE-550 ..... 5.00 Down ..... Net 29.95  
Model CC5-144K 144-148 mc. (2-meter) converter kit.  
HE-551 ..... 5.00 Down ..... Net 29.95  
(Be sure to give your receiver's range when ordering)  
Model P-1 Power Supply for above converters. Supplies 6.3 V AC @ 3 amps and 200 V DC @ .05 amp. For 110-120 V, 50-60 cycles. Size 5 1/2" x 9 1/2" x 5". Shpg. wt., 6 lbs. HE-552 5.00 Down ..... Net 19.95

**AMECO  
FOLDED DIPOLE  
ANTENNA KITS**



Easy-to-putup 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.

HE-396 Model FD-10 for 10 meters ..... Net 3.50  
HE-397 Model FD-20 for 20 meters ..... Net 3.95  
HE-398 Model FD-40 for 40 meters ..... Net 4.95  
HE-399 Model FD-80 for 80 meters ..... Net 6.75

**TECRAFT  
"MINI-VERTER"  
CONVERTERS**

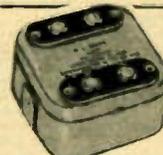


Ideal unit where space is at a premium; for mobile and home. Requires 1/2 amp of 6.3 V and 8 ma. at 100 V DC. Designed to use the broadcast band (550 kc to 1550 kc) of any receiver for tuning with a range of 1 mc. Stable operation provided by crystal-controlled oscillators. Chassis only 5" x 2 1/4" x 2 1/4" exclusive of tubes and crystal. Shpg. wt., 3 lbs.

HE-553 MODEL M-6 6 meters 5.00 Down Net 25.95  
HE-554 MODEL M-10 10 meters 5.00 Down Net 23.95  
HE-555 MODEL M-15 15 meters 5.00 Down Net 23.95

MODEL P1 Power Supply. For Tecraft converters. Provides 6.3 V AC @ 3 amp and 200 V DC @ .05 amp. Size 5 1/2" x 9 1/2" x 5". For 110-120 V AC, 50-60 cps.  
HE-552 ..... Shpg. wt., 6 lbs. .... Net 19.95

**R. L.  
DRAKE TVI  
FILTERS**

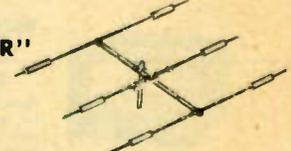


**FOR USE AT THE TV RECEIVER**  
TV-300HP - Cuts off below 52 mcs. For 300  $\Omega$  line. Net 3.50  
TS-150 ..... Net 3.50  
TV-72HP as above, but for 72  $\Omega$  line. Net 3.50  
TS-311 ..... Net 3.50  
TV-300HP (RCA plug-in) for RCA receivers. Net 3.50  
TS-312

**FOR USE AT THE TRANSMITTER**  
TV-100LP Attenuates above 54 mc. Handles 100 watts 6-160 meters, 20 watts on 6 meters. For 52 line. Net 5.83  
TS-313 ..... Net 5.83  
TV-1000LP as above, but handles 1 KW 6-160 meters, 200 watts on 6 meters. Net 14.65  
TS-314

**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 10.00 Down ..... Net 99.75  
MOSLEY TA-33 "Junior," similar to above, but only 300 watts AM. Shpg. wt., 28 lbs  
AN-54WX 7.00 Down ..... Net 69.50  
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 7.00 Down ..... Net 69.50  
MOSLEY TA-32 "Junior," Similar to TA-32, but 300 watts AM. Shpg. wt., 22 lbs.  
AN-56WX 5.00 Down ..... 49.50

# SELECTED AMATEUR, MOBILE, AND CITIZENS BAND ANTENNAS

## ANTENNA SPECIALISTS



### MOBILE

- M-38 96" Stainless Steel Mobile. With removable adaptor (can be cut to length). Shpg. wt., 2 lbs. **Net 4.35**
- HE-650 WX**
- M-25 Mini-Spring. Reduces shock to coil if whip strikes object. Shpg. wt., 1 lb. **Net 1.95**
- HE-651**
- M-19 10-15-20 meters. Automatic coil. No adjustment necessary. Weather-proof. Compact. Shpg. wt., 1 lb. **Net 14.95**
- HE-652**
- M-5-36 36" chrome plated solid mast extension with coupling nut. Available in 6 lengths either chrome or stainless steel (both solid). Shpg. wt., 4 lbs. **Net 4.35**
- HE-653**
- M-9A Heavy duty spring. Cad. plated. Shpg. wt., 3 lbs. **Net 4.77**
- HE-654**
- M-3 Aluminum base with black Polyester Fiberglass, one piece insulator. Hardware included. Shpg. wt., 2 lbs. **Net 3.03**
- HE-655**

### BASES

- M-13 Same as M-3 but with coax fitting. Shpg. wt., 2 lbs. **Net 6.00**
- HE-656**
- M-14 Same as M-13 but fitted for outside mounting. Shpg. wt., 2 lbs. **Net 6.90**
- HE-657**
- M-15 Coax adaptor converts base from solder-lug type. Shpg. wt., 1/2 lb. **Net 2.25**
- HE-658**
- M-85 6 meter Antenna. Cowl mount with 59" flexible S.S. whip. Ideal for naut appearing, 6 meter work. 54" lead and gutter clip included. Shpg. wt., 4 lbs. **Net 8.97**
- HE-676**
- ASPRI Roof top antenna [108-176, 450-470 MC]. Mounts in 3/4" hole. S.S. whip has solderless type cable connector. No lead furnished. Shpg. wt., 4 lbs. **Net 8.97**
- HE-677**

### ANTENNA ASSEMBLIES

- M-1 Consisting of M-3, M-3A, M-3B. Professional size base, spring and 96" cutable stainless steel whip with removable adaptor. Shpg. wt., 5 lbs. **Net 8.97**
- HE-659 WX**
- M-1D Consisting of M-3D, M-3DA, M-3B. As above but with bright mirror polished base and spring. (Spring has chrome end mounts.) Shpg. wt., 5 lbs. **Net 11.97**
- HE-660 WX**

### ANTENNA COMPONENT PARTS

- M-3 Aluminum swivel base. Shpg. wt., 2 lbs. **Net 3.03**
- HE-655**
- M-3D Mirror polished swivel base. Shpg. wt., 2 lbs. **Net 4.83**
- HE-662**
- M-3A Cad plated spring for 96" whip. Shpg. wt., 3 lbs. **Net 2.04**
- HE-663**
- M-3AD Bright polished spring with chrome and mounts. Shpg. wt., 3 lbs. **Net 3.24**
- HE-664**
- M-3B Stainless steel 96" cutable whip with adaptor. Shpg. wt., 3 lbs. **Net 4.35**
- HE-650 WX**

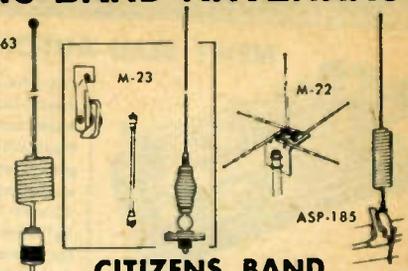
### SPRINGS

- M-8A Heavy-duty standard spring. Shpg. wt., 4 lbs. **Net 3.65**
- HE-666**
- M-9A Deluxe polished stainless steel heavy duty spring. Shpg. wt., 1 lb. **Net 4.77**
- HE-667**
- M-4 Whip hold-down clip. Shpg. wt., 2 lbs. **Net .75**
- HE-668**

### 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. **Net 7.95**
- HE-669**

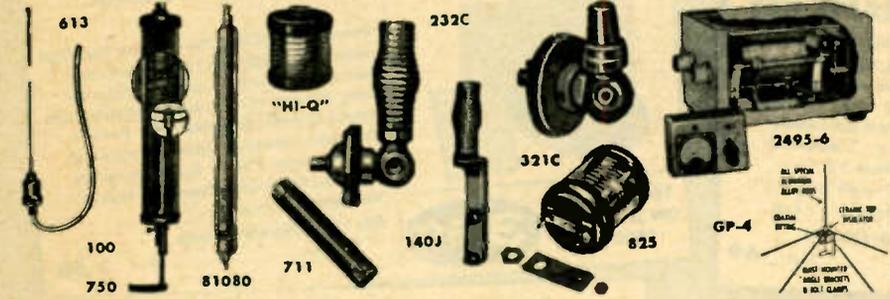
ASP-63



### CITIZENS BAND

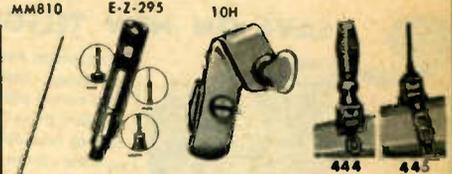
- M-22 27 mc ground plane antenna. Chrome plated brass radiator and radials are telescoping and may be removed from mounting bracket. All hardware supplied. Accepts PL-259 connector. Shpg. wt., 4 lbs. **Net 15.95**
- HE-670 WX**
- M-27 Same as M-22 except vertical radiator and radials are 108" stainless steel. Shpg. wt., 4 lbs. **Net 28.50**
- HE-671 WX**
- ASP-63 For portable transceivers. Vinyl covered coil wound onto 40" whip. Complete with PL-259 connector. Shpg. wt., 2 lbs. **Net 7.77**
- HE-672**
- ASP-185 Auto gutter clamp antenna. Ideal for temporary use. Has Vinyl covered loading coil wound for 27 MC. Complete with 12' RG58/U cable and PL-259 adaptor. 40" whip. Shpg. wt., 2 lbs. **Net 15.40**
- HE-673**
- M-23 Mobile rear mount. Consists of 102" S.S. whip, plated spring, aluminum swivel base and 15' of RG58/U cable with PL-259 connectors on both ends. Whip gutter clip included. Shpg. wt., 6 lbs. **Net 18.90**
- HE-674 WX**
- M-20 Window Mast with Mounting Bracket has 96" telescoping chrome plated brass tube assembly. Galvanized bracket with 90° adjustment. For window sill or vertical surface. Shpg. wt., 2 lbs. **Net 7.50**
- HE-675 WX** (Not Illustrated)

## "MASTER MOBILE" ANTENNAS AND MOUNTS



- 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. 113 VHF Rooftop antenna without deluxe connections. Shpg. wt., 5 lbs. **Net 3.88**
- HE-701**
- No. 100-605 60" Whip, threaded 3/8" stud. Shpg. wt., 2 lbs. **Net 4.85**
- HE-702 WX**
- No. 100-965 90" Whip, threaded 3/8" stud. Shpg. wt., 3 lbs. **Net 5.14**
- HE-703 WX**
- No. 100-965 90" Whip, plug end 3/16" dia. (for Model 92 ext. Shpg. wt., 3 lbs. **Net 4.41**
- HE-704 WX**
- No. 92 Extension for 106 series whips 18 1/4" long, 3/8" - 24 threaded. Shpg. wt., 1 1/2 lbs. **Net 3.43**
- HE-705**
- No. 750 Deluxe var. ont. coil. Covers 10 thru 75 meters. Silver-plated, single-turn contact, positive spring. Eccentric cam contact, easy turn selection. Automatic lock. Shpg. wt., 7 lbs. **Net 14.65**
- HE-706**
- "Ultra-Hi Q" Coils for 80-40-20 & 15 meters. "Q" over 515. For use with 36" base section, 60" whip. Precision made, ruggedized construction. Diameter 2 3/4" (specify band when ordering). Shpg. wt., 4 lbs. **Net 5.14**
- HE-707**
- No. 711 Strain-relief "Flex-R" helps prevent loading coil damage. Shpg. wt., 1 lb. **Net 1.91**
- HE-708**

- No. 81080 All-band base-loading ant. coil for 80-40-20 15-10 meters. 96" whip included. Positive locking action whip provides tight and accurate contact. Slide in or out to final loading point and lock whip in place. Shpg. wt., 6 lbs. **Net 16.59**
- HE-709 WX**
- No. 232C Swivel base, double-tapered spring, coax. conn., body mount. Shpg. wt., 4 lbs. **Net 8.57**
- HE-710**
- No. 232XC Heavy-duty, double-tapered spring, coax. conn., body mount. Shpg. wt., 6 lbs. **Net 9.65**
- HE-711**
- No. 232XSSC Heavy-duty, double-tapered springs, coax. conn., spec. stainless. Shpg. wt., 6 lbs. **Net 14.65**
- HE-712**
- No. 140-J Junior Bumper Mount, double-tapered spring. Shpg. wt., 3 lbs. **Net 4.09**
- HE-713**
- No. 140X Heavy-duty, double-tapered spring bumper mount. Shpg. wt., 4 1/2 lbs. **Net 7.79**
- HE-714**
- No. 321C Rigid-type, ball-joint body mount (no spring). Shpg. wt., 5 lbs. **Net 7.79**
- HE-715**
- No. 825 "Micro-Z-Match" for micrometer impedance matching inductance for mobile antennas. Can be used on all bands, any coax. Roller coil construction 4 uhy. max. inductance. Complete with coax adapter kit. Shpg. wt., 4 lbs. **Net 7.79**
- HE-716**
- No. 2495-6 "Master Match" with built-in field strength meter. Automatically tunes band from driver's seat. Motor-driven variable inductance. Automatic panel light indicates when roller at minimum inductance position. 6-volt model. Shpg. wt., 9 lbs. **Net 24.45**
- HE-717**



### MASTER MAGIC WAND COMBINATION COIL & WHIP

- A newly designed single band coil and whip antenna combined in one single compact unit. All models are top loaded to provide top performance. Radiator is wound over tapered fiberglass whip for maximum strength.
- NO. MM810 10 meters, 5' long. Shpg. wt., 4 lbs. **Net 8.77**
- HE-718 WX**
- NO. MM811 Citizens band, 11 meters, 5' long. Shpg. wt., 3 lbs. **Net 8.77**
- HE-719 WX**
- NO. MM815 15 meters, 5' long. Shpg. wt., 4 lbs. **Net 8.77**
- HE-720 WX**
- NO. MM820 20 meters, 5' long. Shpg. wt., 4 lbs. **Net 8.77**
- HE-721 WX**
- NO. MM840 40 meters, 6' long. Shpg. wt., 4 lbs. **Net 9.75**
- HE-722 WX**
- NO. MM880 80 meters, 6' long. Shpg. wt., 4 lbs. **Net 9.75**
- HE-723 WX**
- 10H TENNAHOLD Protects antenna, prevents whipping and damage to antenna. Easily attaches to car. Shpg. wt. 1 lb. **Net .98**
- HE-724**
- 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. Shpg. wt. 1 lb. **Net 2.89**
- HE-725**
- NO. 444 Heavy duty spring bumper mount, swivel base, chain mount. Shpg. wt., 3 lbs. **Net 17.44**
- HE-726**
- NO. 445 Threaded 3/8" 24, chain mount, bumper mount. Shpg. wt., 3 lbs. **Net 7.79**
- HE-727**
- NO. GP-4 Ground plane with 4 radiators for match to 52-ohm coax. Complete amateur band coverage. Specify other frequencies. Attaches to most with V-balls (balls and mount brackets supplied). Special alloy construction withstands corrosion and weather. Shpg. wt., 6 lbs. **Net 5.83**
- HE-728**

FOR FASTEST SERVICE USE LAFAYETTE'S CONVENIENT ORDER BLANK

## NEW! SEMI-AUTOMATIC "BUG"



Super Speed TELEGRAPH KEY

**9.95**

Lafayette Special—Reg. Value 20.00

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. 1/8" silver contacts; weight scale for reproducible speed settings. A real bargain for radio amateurs and professional CW operators! 6 7/8" long x 3" wide x 2 1/4" high, exclusive of knobs and feet. Shpg. wt., 3 1/2 lbs.

MS-435—Semi-Automatic "Bug".....Net **9.95**

## NEW! CODE PRACTICE SET



**1.79**

LAFAYETTE SPECIAL

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 1/2" D, overall length 8 1/2". Shpg. wt., 2 lbs. (less battery).

MS-438—Code practice set.....Net **1.79**

BATTERY—Burgess #2.....Net **.13**

MS-369—Stethoscope Headset.....Net **1.39**

## SAVE ON NEW TELEGRAPH KEY



LAFAYETTE SPECIAL

**69¢**

Economical key for beginning amateurs. Solid, heavily chrome and nickel plated metal parts, molded phenolic base. Adjustable spring tension and adjustable contact clearance. 2 mounting holes in base. Base 3 1/4" L x 1-13/16" W. Overall length 5"; height 1 1/4". Shpg. wt., 12 oz.

MS-319—Telegraph Key.....Net **.69**

## NEW! Lafayette "BRASS-POUNDER'S" KEY



**1.95**

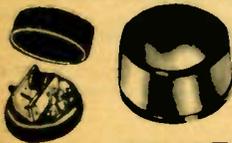
LAFAYETTE SPECIAL

- WITH BALL-BEARING PIVOTS
- SOLID POLISHED-BRASS BASE

A better quality precision-made key designed for hard usage. Spring tension and contact clearance adjustments; 3/16" silver contacts; adjustable ball-bearing pivots; Circuit closing switch. Base 3" x 2"; overall size 5" x 2 1/2" x 1-1/16". Shpg. wt., 1 1/2 lbs.

MS-428—Telegraph Key.....Net **1.95**

## NEW! High Frequency CODE PRACTICE BUZZER



Reg. Value 2.50

**79¢**

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 7/8" diam. x 1-1/16" high. Shpg. wt., 6 oz.

MS-436—Buzzer.....Net **.79**

## TRANSISTORIZED CODE PRACTICE OSCILLATOR



**2.29**

- 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 utilized 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.

F-429 Oscillator only.....Net **2.29**

### 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.

F-479 MS-319 Key and Oscillator.....Net **2.95**

## AMECO CODE COURSE



Fast simple way to learn code for commercial and amateur licenses. Jr. and Sr. courses include record album. All have 28 page manual.

DESCRIPTION	PER MIN.	STOCK NO.	NET	45-RPM 7"	NET
Junior Course—5 Records	0-7 1/2	PR-40 10 lbs	6.95	PR-41 4 lbs	5.95
Senior Course—11 Records	0-18	PR-42 20 lbs	11.50	PR-43 8 lbs	10.50
Advanced Course—6 Records	8-18	PR-44 11 lbs	5.95	PR-45 5 lbs	4.95

## LAFAYETTE SPECIAL CODE COURSE



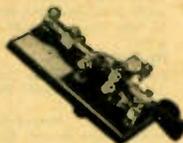
10 LESSONS ON A 12" LP RECORD

**3.50**

Learn Morse Code the modern practical way. Supplied with 10 lessons and a non-breakable high quality 33 1/3 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.

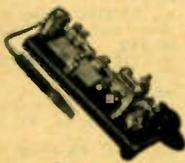
PR-13 Lafayette Code Course.....Net **3.50**

## VIBROPLEX SEMI-AUTOMATIC KEYS



"Champlan". 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. Less cord and wedge. Shpg. wt., 4 lbs.

MS-715.....Net **15.95**



"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. Complete with cord and wedge. Shpg. wt., 5 lbs.

MS-716.....Net **19.95**



Deluxe "Original". As above but jeweled bearings, chrome-plated base. Shpg. wt., 5 lbs.

MS-717.....Net **23.95**

"Blue Racer". Very similar to the "Original", but half size. Compact and light weight. Shpg. wt., 4 lbs.

MS-718.....Net **19.95**

"Blue Racer" Deluxe. As above but jeweled bearings. Chrome base. Shpg. wt., 4 lbs.

MS-719.....Net **23.95**

# AMATEUR, SHORT WAVE, CITIZEN BAND COMPONENTS

## MOBILIER SAFETY MIKE



- HEAD-MOUNT LETS YOU KEEP BOTH HANDS ON THE WHEEL • CRYSTAL AND CONTROLLED RELUCTANCE TYPES

Here is your key to safe, pleasant and efficient mobile operation. This heat resistant, vibration proof mike is indispensable to SSB operation. Also useful for AM operation in conjunction with a foot switch. Constructed of stainless steel and aluminum for ruggedness and light weight. Headband can be adjusted by hand pressure for best fit and position an operator's head.

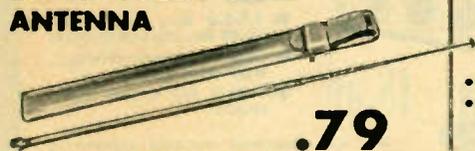
**CONTROLLED RELUCTANCE TYPE.** Resists heat, humidity, shock and vibration. Response 400-3000 cps. Shpg. wt., 1 lb.

ME-750 ..... Net 17.50

**CRYSTAL TYPE.** Designed primarily for fixed station uses. Response: 100-6000 cps. Shpg. wt., 1 lb.

ME-751 ..... Net 15.00

## LAFAYETTE CITIZENS BAND 27MC. COLLAPSIBLE ANTENNA



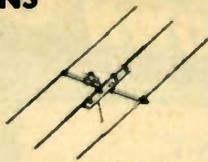
**.79**

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.

F-440 ..... Net 7.9

## MOSLEY CITIZENS BAND 27MC ANTENNAS

- CONSTRUCTED OF DURABLE LIGHT WEIGHT ALUMINUM • BEAM AND GROUND PLANE TYPES



**MODEL A-311 3 ELEMENT BEAM** 9.3 db gain over dipole means effective radiated power is multiplied by 8. A five watt rig with an A-311 delivers the equivalent power of a 40 watt xmitter on a dipole. Boom is 12' long, tuning radius is 9.5 ft. Shpg. wt., 30 lbs.

AN-57WX ..... 5.00 Down ..... Net 37.50

**MODEL V-27-GP GROUND PLANE.** Perfect for communicating with mobiles. Base is constructed of high-impact polystyrene with internal coax fittings. Antenna does not require guying. S.W.R. 1.2-1. Includes Antenna, base mount, and 4 radials. Shpg. wt., 20 lbs.

AN-58WX ..... 5.00 Down ..... Net 34.95

## HY GAIN 27MC CITIZENS BAND DIPOLE

- PORTABLE
- MOUNTS ON ANY SURFACE

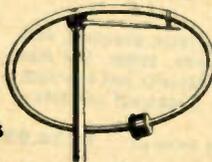


**MODEL CD.** High efficiency citizens "Rabbit Ears" for top performance indoors or portable use. Telescoping chrome plated whips extend to 45" and telescope down to 15" for easy storage, and carrying. Suction cup base for quick and easy mounting on transceiver, walls or window panes, etc. May be oriented either horizontally or vertically. High efficiency base loading coils include exclusive My-Gain "L" matching network for perfect 50 ohm match. Loading coils and matching network enclosed in polyethylene covers. Provided with six feet of RG58U coaxial cable and PL259 coax connector. Shpg. wt., 5 lbs.

ME-770 ..... Net 12.95

## HY GAIN HALOS

- FOR 6 and 2 METERS



Halos type antennas for the mobile. Matches either 52 or 72 ohm coax made possible through use of hy-gains exclusive gamma type gamma match system. No external matching sections required. Antennas are completely weatherproofed and are constructed of sturdy, lightweight aluminum.

**MODEL HM-6 6 meter model of above.** Shpg. wt., 5 lbs.

ME-771WX ..... Net 12.95

**MODEL HM-2 2 meter version of above.** Shpg. wt., 3 lbs.

ME-772WX ..... Net 5.95

## DOW-KEY DKC-RFB BROAD BAND PREAMP

- INCREASES GAIN UP TO 6 "S" UNITS ON ANY RECEIVER.
- INDISPENSABLE TO THE DX MAN



**10.75**

Now you can soup up any medium or less sensitive receiver without alternating the circuitry. Operates on all bands, 1.5 through 30 mc. Boosts signals 1 to 6 db up to 30 mc and up to 2 db at 60 mc. Preamp weighs less than six ounces, and measures 1 1/2" x 2". No adjustment of receiver or pre-amp is required. The RFB is advantageous to mobile equipment where converters are used. Requires 125-175 DC volts at 7 ma, and 6.3 volts AC at .3 amps. Use 6CB6 tube. Shpg. wt., 3/4 lbs.

ME-780 ..... Net 10.75

## MOSLEY VERTICAL "TRAP-MASTER" 3-BAND ANTENNAS

Compact units for 10-15-20 m. coverage. Automatic bandswitching, low SWR. Maintains electrical quarter wavelength over entire bandwidth. 615T6 aluminum construction, weatherproof traps. Requires short radials. Supplied with base plate, guy lines, hardware, and instructions.

**MODEL V-3 Vertical** (rated at 1 kw). Size 11'6". Shpg. wt., 6 lbs.

AN-59WX ..... 5.00 Down ..... Net 22.95

**MODEL V-3 JR. Vertical** (rated at 300 w. AM.) Size: 11'9". Shpg. wt., 6 lbs.

AN-60WX ..... Net 17.95



## MOSLEY "TRAP-MASTER" 10 THRU 40 METER VERTICAL

An excellent low-cost 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. Weather-proof 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 615T6 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. Shpg. wt., 12 lbs.

**Model V-4-6 10-40 meter vertical antenna.**

AN-61WX ..... 5.00 Down ..... Net 27.95

**Model D-4BC Base-loading coil** for 75 & 80 meter operation of V-4-6 antenna. Rated to handle 1 kw (AM). Space-wound coil, heavy-duty ceramic form. With coax connectors. Shpg. wt., 3 lbs.

ME-790 ..... Net 14.95



## MOSLEY "TRAP-MOBILE" 3-BAND WHIP ANTENNA for 10, 15, 20 meters



Three bands without bandswitching. No mechanical devices or relays. Lifetime stainless steel construction in anti-sway design. Use with standard base-loading coils for 40 and 80 meters. Overall length of 7 ft. 8 1/2" provides electrical quarter wave on each band with low SWR. Moisture-proofed coils and enclosed traps. Base stud 3/8" x 24. Handles up to 300 watts. Shpg. wt., 6 lbs.

**Model MA-3 "Trap-Mobile" 3-band whip**

AN-62WX ..... Net 19.95

## MOSLEY TOTE-TENNA

- MOUNTS ON WINDOW SILL
- TRI-BAND 10-15-20 METERS
- HANDLES 300 watts



At last, the dilemma of the apartment dweller has been solved. Now Mosley has perfected a vertical whip which mounts on any window sill. Tote-Tenna is a full electrical 1/2 wavelength on 10-15-20 meters, and is voltage fed through a frequency-sensitive L network. Maximum capacity 300 watts AM. Antenna opens to 14", and collapses into a space just 4 1/2" x 8" x 3/8". Constructed of durable 615T6 aluminum. Spring and nylon cord arrangement permits rapid assembly. Includes antenna, tuning unit, coax line, and window mount. Shpg. wt., 8 lbs.

ME-791WX, Mosley TT-31 ..... 8.00 Down ..... Net 88.00

**MODEL TT-31AD CARRYING CASE** for TT-31. Makes your antenna a perfect travelling companion. Shpg. wt., 7 lbs.

ME-792 ..... 5.00 Down ..... Net 27.45

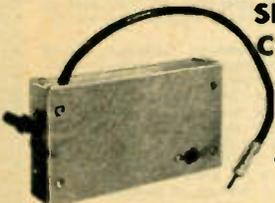
**MODEL RI-6 SWR BRIDGE** for use with TT-31. Will handle 1KW. Shpg. wt., 5 lbs.

ME-793 ..... 5.00 Down ..... Net 47.65

**MODEL TT-31X TOTE TENNA** with all accessories listed above. Shpg. wt., 20 lbs.

ME-794WX ..... 14.95 Down ..... Net 149.50

## CROWNE TRANSISTORIZED SHORTWAVE CONVERTERS



- ADD SHORT-WAVE TO YOUR RADIO
- COMPLETELY TRANSISTORIZED

These units plug directly into the auto radio. When operating, they tune the short wave band, when not operating the auto radio will tune the standard broadcast band. Converters utilize transistorized circuitry and mercury type batteries assuring long trouble-free life. Size only 1 1/2" x 3" x 6". Units are housed in aluminum case, with grey hammettane finish. Complete with installation and operating instructions. Shpg. wt., 1 lb.

Stock No.	Mfr. No.	Frequency	Net
ME-760	59A	200-500KC	15.50
ME-761	59M	2100-3000KC	15.50
ME-762	59MH	3700-4600KC	15.50
ME-763	59S	25-45MC	16.75
ME-764	59S6	45-54MC	17.95

\*Specify approx. center freq. or band required.

## GONSET 6-METER 4-ELEMENT BEAM

Four-element yagi for 6 meters. Largely pre-assembled for easy installation. High forward gain, low SWR, symmetrical pattern. Includes special balun for balance and match of folded-dipole-driven element to 52-ohm coax.

**Model 1523 6-Meter, 4-Element Beam** Shpg. wt., 13 lbs.

ME-333WX 5.00 Down ..... Net 25.75



Model 1523

**Model 1621 Drooping Ground Plane Ant.** for 2-meters (shpg. wt., 2 lbs.)

ME-534 ..... Net 6.50



Model 1621

# BUILD YOUR OWN LAFAYETTE QUALITY KIT

and  
**SAVE!**

## NEW! LAFAYETTE 15-IN-1 TRANSISTOR EXPERIMENTERS KIT

A TRULY REMARKABLE VALUE  
*Practical-Educational-Entertaining*

EXCITING PROJECTS BUILD ALL OF THESE



14.95

- ELECTRONIC TIMER
- BURGLAR ALARM
- 2-STAGE AUDIO AMPLIFIER
- PHOTO-ELECTRIC RELAY
- AUDIO PRACTICE OSCILLATOR
- CODE PRACTICE OSCILLATOR
- AUDIO PREAMPLIFIER
- ELECTRONIC FLASHER
- TV COMMERCIAL KILLER
- RAIN ALARM
- SIGNAL INJECTOR
- INTERCOM
- 2-STAGE BROADCAST RECEIVER
- WIRELESS BROADCASTER
- WIRELESS CODE TRANSMITTER
- REGENERATIVE RADIO RECEIVER

ASSEMBLE THE BASIC COMPONENTS — THEN WIRE EACH CLEARLY EXPLAINED CIRCUIT BY SIMPLY CONNECTING THE PROPER LEADS.

AN IDEAL LABORATORY KIT WHICH HELPS TEACH YOU HOW TRANSISTORS WORK IN A PRACTICAL WAY.

### THE MOST EXTENSIVE TRANSISTOR LAB KIT IDEAL FOR STUDENT — HOBBYIST — EXPERIMENTER

Lafayette's new 15-in-1 transistor experimenters kit is the most practical introduction to the understanding of the operation of transistors — since it utilizes basic transistor principles and circuitry. Its unexcelled simplicity of construction provides a fascinating and educational program of instruction. You build practical, useful operating transistor devices that teach you transistor fundamentals and applications.

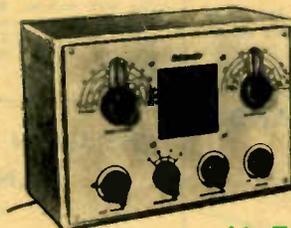
This versatile kit is supplied complete with transistors, relay, photosell, dual headphones and all necessary items including lead wire, solder. You also receive an easily understood instruction manual which explains just how each of the 15 circuits works. Battery powered, the kit is shockproof and safe — ideal for beginners. Shpg. wt., 4 lbs.

**KT-134A** 15-in-1 Transistor Experimenters Kit (Less batteries).....Net 14.95

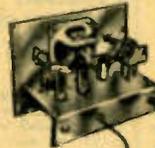
BATTERIES  
8A-194 Burgess Z or RCA VS034 (8 required).....Shpg. wt., 4 oz. EA.....each 10¢

**NEW!**

## EXCITING "EXPLOR-AIR" RECEIVER KIT 4 BAND



18.50



- 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 bandswitching from front panel
- Built-in Big 4" PM Loud-speaker

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 students of languages, radio amateurs and casual listeners.

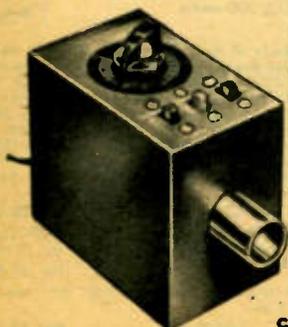
Only a regenerative circuit can offer such amazing performance and yet be so simple to build. Building this fine kit is an absolute pleasure — it's so well designed you can't go wrong. Kit includes all the parts you need, and the detailed step-by-step instruction book with its giant pictorial drawings 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 50C5 output stage and 12AX7 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 5". Everything needed for unexcelled reception is combined in a compact, economical package.

**KT-135** EXPLOR-AIR RECEIVER KIT (Less Cabinet) w/1.5 lbs..... 18.50  
**ML-150** — Leatherette covered Wooden Cabinet for above 1 lb.....Net 2.75

## NEW! SUPER-SENSITIVE PHOTOCELL ELECTRONIC RELAY KIT



12.95

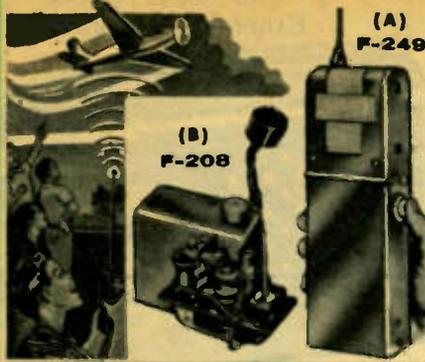
- WITH CLAIREX CADMIUM SULPHIDE PHOTOCELL
- ADJUSTABLE SUPER SENSITIVITY—WORKS WITH JUST A FLASHLIGHT AT 250 FEET!
- NEEDS NO SPECIAL HIGH-INTENSITY LIGHTS
- INSTANTANEOUS OR SUSTAINED OPERATION ON THE FLIP OF A SWITCH!

CAN BE USED AS BURGLAR ALARM



Lafayette's latest achievement in a super-sensitive photoelectron 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 activator 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 Volt AC. Complete with all parts, photocell, tube, chassis, silk-screened metal cabinet and easy-to-follow illustrated instructions. Size: 3" x 4" x 5". Shpg. wt., 3 lbs.  
**KT-133**—Kit, Complete.....Net 12.95

# NEW! Lafayette's SUPER-TROL R/C EQUIPMENT



(A) **RADIO CONTROL TRANSMITTER:** Assembled—tested—guaranteed. No license examination required for operation. Crystal controlled for stability and to meet F.C.C. regulations. Uses powerful 3A5 tube for range of approximately one mile. Will operate any 27.255 mc R/C receiver. Overall dimensions only 8 1/4" x 2 3/4" x 1 3/4" — just a handful! Includes antenna — tube — crystal — and instructions. Less Batteries. Shpg. wt., 2 1/2 lbs.

**F-249** Batteries required: Burgess U30 (3 needed) ..... 1.75 ea. Burgess #2 (1 needed) ..... **Net 14.95**

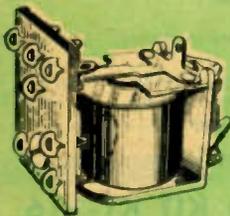
(B) **RADIO CONTROL RECEIVER:** Completely wired and tested receiver — extremely sensitive and stable. Completely enclosed — ideal in boats — or case may be removed if desired. Ingeniously constructed to withstand vibration and shock. Features external fine tuning — antenna "snap" lead — plug for power 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 3" x 2 3/4" x 1 1/2". Complete with tube and instructions. Less batteries. Shpg. wt., 8 oz.

**F-208** Batteries required: Burgess UX45 (1 needed) BA-130..... 2.07 ea. Burgess No. 2 (11 needed) BA-157..... **Net 8.95**  
..... 13 .ea

## SPECIAL COMBINATION OFFER

Consists of R/C Transmitter (F-249), and R/C Receiver (F-208) **F-259** — Combination ..... **Net 22.90**

## "JEWEL" REMOTE CONTROL RELAY



2.75

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 R/C receivers. 5,000 ohm coil. **IMPORTED TO SAVE YOU MONEY.**

**F-260**—Relay ..... Shpg. wt., 2 oz. .... **Net 2.75**

## 27.255 R/C CRYSTAL

Reg. 2.95  
1.95



MS-446

Specially manufactured for Lafayette. Designed specifically for use in R/C model planes, boats, cars, etc. Low-drift — high output — dependable frequency control. Tolerance .04%. 13/16" wide x 7/16" deep x 1 1/8" high above pins. Pins an 1/8" centers. .093" diam.

**MS-446** ..... **Net ea. 1.95**



**MATCHING CRYSTAL SOCKET:** Made of special low loss phenolic. Easily mounts flush or stand-off. Small—light—rugged.

MS-447

**MS-447** ..... **Net ea. .15**

## miniature TELESCOPING ANTENNA .59



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 plugs 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.

**F-343** Telescoping Antenna ..... **Net 59c**

## NEW! LAFAYETTE 27.255 MC CITIZEN BAND REMOTE CONTROL TRANSMITTER KIT KT-127

● WAY OVER 1 MILE LINE OF SIGHT TRANSMISSION! ● SUPER STABILITY FOR FOOLPROOF CONTROL OF MODEL PLANES, BOATS AND CARS.



Once again Lafayette spurts into the lead with its new amazing RC CITIZENS BAND TRANSMITTER. You'll marvel at the neatness and simplicity of its layout and at the dependability of its crystal controlled circuit. Fits comfortably in the palm of your hand—yet is so stable that it is unaffected by hand capacitance or motion. Has new attractive wide-scale meter for visually tuning transmitter for optimum foolproof performance. Has wide, non-critical tuning. Uses one 8 & W prewound coil—no tedious winding of coils! Tuning for maximum output and antenna loading adjustment easily performed from exterior of cabinet. Complete with approved telescoping antenna, meter, cabinet, chassis, tube, crystal, alignment tool, all parts and easy step-by-step instructions. FCC forms for exam-free permit enclosed with kit. Size 10" x 4" x 2 1/2". Shpg. wt., 5 lbs.

**KT-127**, Less Batteries ..... **Net 15.95**  
1 Burgess No. 2 (RCA VS036) Battery BA-157..... **Net .13**  
2 Burgess P45 (RCA VS218) Battery @ 2.17 BA-133..... **Net 4.34**

## NEW! MULTI-PURPOSE ELECTRIC SERVO MECHANISM

● POWERFUL, MOTOR DRIVEN R/C ACTUATOR  
● POSITIVE, INSTANTANEOUS ACTION  
● FOR MODEL BOATS AND CARS

4.95



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 2 1/2" x 2" x 1 3/4" overall. Includes instructions and linkage to extend actuator arm. Shpg. wt., 8 ozs.

**F-327**

**Net 4.95**

## REMOTE CONTROL ESCAPEMENT

● AT THE LOWEST PRICE ANYWHERE!

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 7/8 oz. Size: 1-3/8" L x 2" W overall. Shpg. wt., 5 oz.

**F-255** ..... **Net 2.45**

2.45

## REMOTE ENGINE CONTROL ESCAPEMENT

Lafayette's exciting new air-bled 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 3/4 oz. Requires 1-1/2 volt battery. Low current drain. Size: 1-5/8" x 1" x 3/4". Shpg. wt., 5 oz.

**F-257** ..... **Net 3.45**

## 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 1-1/2 volt battery. Weighs 1-1/8 oz. Size: 2-7/8" L x 1-9/16" overall. Shpg. wt., 6 oz.

**F-256** ..... **Net 3.95**

# Lafayette TRANSISTOR SUPERHET KITS

POCKET AND HOME RADIOS  
FOR SPEAKER AND  
EARPHONE OPERATION

## New 6 TRANSISTOR SUPERHET RECEIVER

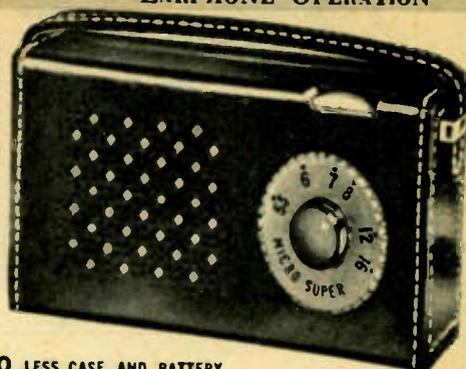
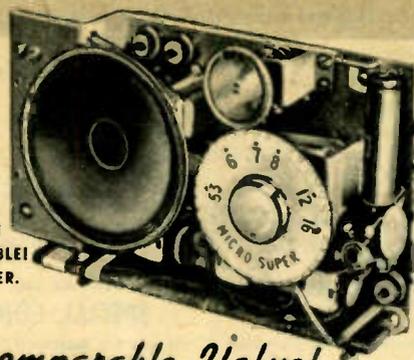
WITH LATEST NPN-PNP  
TRANSISTORS

- GE 2N188A AUDIO OUTPUT TRANSISTORS
- 100% SUBMINIATURE PARTS — NO COMPROMISES!
- LABORATORY DESIGNED—SENSITIVE, SELECTIVE, STABLE!
- CLASS B PUSH-PULL AMPLIFICATION—PLENTY OF POWER.
- FOR GROUP AND PRIVATE LISTENING
- NEW 28 PAGE INSTRUCTION MANUAL

*Superb Performance! Incomparable Value!*

FOR GROUP AND PRIVATE LISTENING

Transistor-wise Lafayette proudly presents its newly revised 6 Transistor Superhet Receiver Kit KT-119A. This improved model uses the latest GE NPN-PNP Transistors in an ingeniously engineered, laboratory tested circuit providing superb performance and an amazing superior commercial quality. The circuit features a specially matched set of 3 IF transformers, Oscillator Coil, High-Q Loop, Class B Push-Pull Audio Amplification and optimum Transformer Coupling in audio and output stages. Has efficient 2 3/4" speaker for exemplary reproduction and earphone jack for private listening. Complete with all parts, transistors, pre-punched chassis, but less battery and leather case. New 28 page easy-to-follow step-by-step instruction book. Size 6 x 3 1/2 x 1 1/2. Shpg. wt., 3 lbs.



26.50 LESS CASE AND BATTERY

- KT-119A — Complete Kit—Less Case and Battery.....Net 26.50  
 BA-180 Battery 9 V Burgess 2N6.....Net 1.30  
 MS-339A — Sturdy attractive brown leather case with carrying strap for KT-119A. 6 x 3 1/2 x 1 1/2". Shpg. wt., 1 lb.....Net 2.95  
 MS-591 — Sensitive matching earphone.....Net .79

## 3 TRANSISTOR SUPER-HET POCKET RADIO KIT KT-116

• CONVERTER, 2 IF STAGES, DIODE AND AUDIO OUTPUT

DESIGNER'S DREAM IN A TRUE POCKET SUPERHET RECEIVER!  
NO EXTERNAL ANTENNA! NO EXTERNAL GROUND!

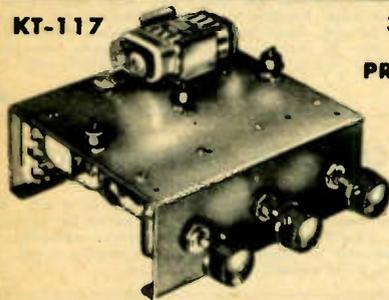
A highly sensitive, super-selective true pocket superhet receiver that will surprise you with its performance over the complete broadcast band. Just place it in your shirt pocket, place the earphone to your ear, and you're in for a treat! Best of all! No pesky external antenna and ground leads to worry about! The circuit uses 2 high frequency converter and IF Transistors, 2 specially matched IF transformers for maximum power transfer, an efficient crystal diode for detection and a dependable Audio Transistor in a single-ended audio output stage. The components are housed in an attractive professional-looking plastic case. Comes complete with ON-OFF knob and stylish station dial that adds considerable class to the receiver's appearance. Complete with all parts, transistors, case, dial and easy-to-follow step-by-step instructions. Less Battery 4 1/4" x 2 1/4" x 1-1/16". Shpg. wt., 1 lb.

- KT-116 — Complete Kit Less Battery.....Net 13.95  
 MS-260 — Super power high output dynamic earphone for optimum results.....Net 3.95  
 MS-367 — SENSITIVE ECONOMY DYNAMIC EARPHONE.....Net 1.25  
 BA-400 Battery 9 V. RCA VS309A.....Net 1.13



13.95

KT-117



## 3 TRANSISTOR HI-FI PREAMPLIFIER KIT

With  
Volume, Bass  
and  
Treble Controls

WITH NEW  
GE 2N190  
TRANSISTORS

16.95

Lafayette 3 Transistor Hi-Fi Preamplifier Kit KT-117 provides the voltage gain necessary for the operation of even the lowest level magnetic cartridges and microphones. It may be used with Hi-Fi equipment to provide stable, low noise preamplification with extremely low power consumption, zero hum and without any microphonics inherent in vacuum tube preamplifiers. It is ideal as a remote preamplifier since it is battery operated and can be connected by cable up to 175 ft. from associated equipment. It has its own Bass and Treble controls for improved quality of reproduction, and uses 3 quality audio transistors. Frequency Response is 20 to 20,000 cycles. 40 db maximum gain. Zero hum level; Noise level—approx. 48 db below 10 millivolts input for high impedance cartridges, better than 52 db below 2 millivolts for low impedance cartridges; Four inputs: Three phono inputs—high output cartridges, high impedance variable reluctance cartridges and low impedance low output cartridges; Microphone Input. From 0.5 to 1 volt output; Controls—Phono—Microphone, Hi-Fi Level, Power-Volume, Bass and Treble. Complete with all parts, transistors, pre-punched chassis, and detailed step-by-step instructions. 4 1/4" x 3 3/4" x 1 1/2". Shpg. wt., 2 lbs.

- KT-117 — Complete Kit Less Battery.....Net 16.95  
 BA-178 Battery 9V BURGESS 2U6.....Net .95

## 1 AND 2 TRANSISTOR POCKET RADIO KITS

ONE TRANSISTOR POCKET RADIO KIT — KT-97

• WITH NEW SUPER-SELECTIVE TAPPED FERRI-LOOP • PREPUNCHED CHASSIS FOR EASY ADVANCEMENT TO 2 TRANSISTOR KIT

An Ideal, neat and low-cost transistor pocket radio kit for students, hobbyists and experimenters interested in a practical and basic knowledge of transistor circuits. Employs the new tapped variable Ferri-Loop and a specially designed miniaturized 365 emitter amplifier stage for super selective tuning. Includes a Crystal Diode detector and a reliable transistor in a grounded emitter amplifier stage for maximum output. Will give good reception up to 50 mile radius with approx. 50 ft. antenna and a good ground. Complete with transistor, crystal diode, plastic case, variable capacitor, tapped Ferri-Loop, resistor, capacitors, a neat prepunched metal chassis that makes advancement to the 2 Transistor Kit easy-as-pie. With simple, detailed How-To-Do-It instructions. Size: 3 1/4" x 2 1/4" x 1". Shpg. wt., 1 lb.

- KT-97 — Complete Kit (less earphone and less battery).....Net 3.95  
 BA-154 Battery 1 1/2 V. BURGESS #7.....Net .80

TWO TRANSISTOR POCKET RADIO KIT — KT-98

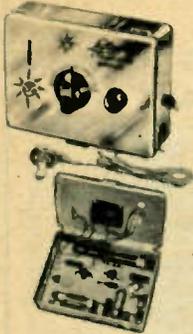
The 1 Transistor Pocket Radio Kit plus an additional resistance coupled transistor stage for increased sensitivity and greater output. Can receive even the weaker stations with an approx. 50 ft. antenna and ground. Includes all the KT-97 parts plus one transistor, 2 resistors, one capacitor and transistor socket. Complete with simple, detailed instructions. Size: 3 1/4" x 2 1/4" x 1-3/16". Shpg. wt., 1 lb.

- KT-98 — Complete 2 Transistor Kit (less earphone and less battery).....Net 4.95  
 MS-111 Crystal Earphone for KT-97 and KT-98.....Net 1.19  
 BA-154 Battery 1 1/2 V. BURGESS #7.....Net .80



# POPULAR TRANSISTOR KITS

## NEW! "SUNFLEX" 2 TRANSISTOR REFLEX RADIO RECEIVER KIT

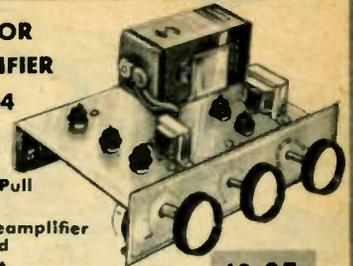


- FOR SOLAR OR FLASHLIGHT BATTERY OPERATION
- NPN-PNP COMPLEMENTARY SYMMETRY CIRCUIT SUPER-REFLEXED FOR 3 TRANSISTOR PERFORMANCE
- BUILT-IN "HI-Q" FERRITE ANTENNA

An efficient and economical miniature receiver kit for earphone operation. Uses one NPN transistor, one PNP transistor and a crystal diode in an ingenious reflexed complementary symmetry circuit for 3 transistor performance. Gives surprisingly good reception of local stations in most locations without external antenna or ground connections. Antenna plug-in lead pulled for reception of distant stations. Current drain is less than 1 millamp. Operates on 2 inexpensive penlight flashlight batteries (3 volts) or will give lifetime performance in sunlight or under artificial light with use of amazing new silicon solar battery (not supplied). Ideal for the beach, ball games and other outdoor uses as well as for indoors. Complete with all parts, transistors, diode, perforated chassis, two-tone plastic case, wire, solder and easy to follow instructions. Size 4 3/4" x 3 5/8" x 1 5/8". Shpg. wt., 1 lb. **KT-132—KIT (less earphone).....Net 11.95**

MS-240—Super power dynamic earphone. Shpg. wt., 3 oz. Net 3.95  
 MS-420 Solar battery w/ 2 oz. Net 7.75  
 BA-155 Penlight cells (2) wt., ea. 1 oz. Net eo. .10

## 5 TRANSISTOR AUDIO AMPLIFIER KIT KT-104



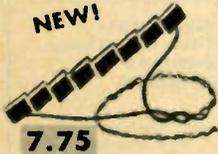
- CLASS "B" Push-Pull
- Bass and Treble Controls with Pre-amplifier for Cartridge and Microphone Input
- Excellent as second amplifier for stereo phono conversion

**13.95**

An advanced 5-transistor audio amplifier with a well-designed pre-amplifier stage. Has more than enough volume for average sized room. 3 Inputs: Crystal, ceramic and most hi-output magnetic phono cartridges; AM, FM and Transistor Radio Tuners; most magnetic microphones, and crystal microphones when used with a matching input transformer. Employs circuitry for minimum distortion. Has Bass and Treble controls for more enjoyable listening. Transformer coupled in driver and class "B" push-pull output stages, for clean output and optimum performance. Complete with all parts, prepunched chassis, attractive front panel, knobs, and easy-to-follow step-by-step instructions. 5 1/2" x 4" x 1". Shpg. wt., 3 lbs.

KT-104 For 3.2 ohm speaker, less battery.....Net 13.95  
 KT-105 for 8 ohm speaker, less battery.....Net 13.95  
**BATTERY FOR ABOVE**  
 BA-180 BURG. 2N6 or eq. 9 v. Shpg. wt., 5 oz. Net 1.30

## MIGHTY SUBMINIATURE "HELIODYNE" SOLAR SILICON BATTERY

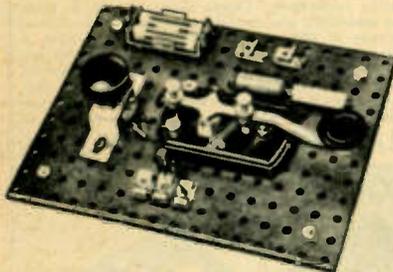


- LATEST, MOST EFFICIENT TYPE OF SUN BATTERY
- USED BY ARMED SERVICES TO POWER ELECTRONIC EQUIPMENT

The most efficient type of solar battery yet developed to generate electrical energy from sunlight or from light rays from other sources. Rated 3.2 volts at 2 millamps. Ideal for operating Lafayette "Sunflex" Radio Receiver Kit or any other receiver drawing up to 2 ma at 3 volts. 1-1/16" L x 3/32" W. Shpg. wt., 2 oz.

MS-420—"HELIODYNE" SILICON SOLAR BATTERY.....Net 7.75

## TRANSISTOR CODE PRACTICE OSCILLATOR KIT



COMPLETE WITH TELEGRAPH KEY & TRANSISTOR

**2.99**

For those interested in mastering the International code, an audio tone oscillator has the simplicity of the neon glow, the signal strength of the vacuum tube, and requires only two penlight cells for weeks of service. It may be used for solo practice, or two may send and receive with the same unit. Kit comes complete with Transistor, Telegraph Key, Resistors, Condensers, Masonite Board, etc., and Schematic Diagram. **KT-72 LESS BATTERY.....Shpg. Wt. 1 1/2 lbs. Net 2.99**  
**Cannon AM-15-1—Single headset.....Net 1.18**  
 BA-154 Battery Burg.  $\approx$  7 or eq. (2 required) wt., ea. 1/2 oz. Net eo. .10

## TRANSISTOR-DIODE CHECKER KIT

ANOTHER LAFAYETTE FIRST

- QUALITATIVE CHECK OF P-N-P and N-P-N TRANSISTORS FOR LEAKAGE AND GAIN
- CHECKS DIODES
- CHECKS SELENIUM RECTIFIERS

Lafayette's tried and proven transistor checker is indispensable for ultra fast, reliable transistor testing. It checks P-N-P and N-P-N transistors for leakage and shorts on a multi-colored scale and indicates at once whether transistor is good or bad. Selector switch permits direct GAIN reading on a calibrated GAIN scale without needle deflecting off scale. Permits rapid check of diode and selenium rectifier quality by indicating forward and reverse current characteristics. Sturdy black bakelite case and attractive black baked enamel aluminum panel with white lettering. Complete with detailed instructions and up-to-date manufacturers GAIN standards. 6 1/4" x 3 3/4" x 2". Shpg. wt., 2 lbs.

KT-86A—Transistor-Diode Checker Kit.....Net 7.95



**7.95**

## TRANSISTORIZED CODE PRACTICE OSCILLATOR KIT



• SPEAKER OPERATED

**6.95**

An ideal Code Practice Oscillator for group and classroom code practice, as well as for those who prefer loudspeaker or earphone listening. This attractive unit incorporates a well designed transistor audio circuit with a variable control for varying the signal tone. You choose the pitch which is most pleasing to you. Ingeniously designed on a neat pre-punched metal chassis to fit around the magnet of an extra efficient speaker. All the components (except the key) are housed in a 3-1/16" x 2 3/4" x 1 3/4" attractive maroon colored sound box acoustically designed for superior speaker performance. You'll be delighted with the tone and volume of the signal. Complete with all parts, transistor, speaker, case, and simple step-by-step, less battery. Size: 3-1/16" x 2 3/4" x 1 3/4". Shpg. wt., 1 lb.

KT-118—Complete Kit—Less Key.....Net 6.95  
 MS-319—Key for KT-118. Shpg. wt., 1/2 lb.....Net .69  
 BA-117 Battery 22 1/2 v. Burg. 2N6 or eq. wt., 1 oz. Net 1.05

## NEW! 4 TRANSISTOR TELEPHONE PICK-UP AMPLIFIER KIT



• FOR FAMILY AND BUSINESS GROUP LISTENING

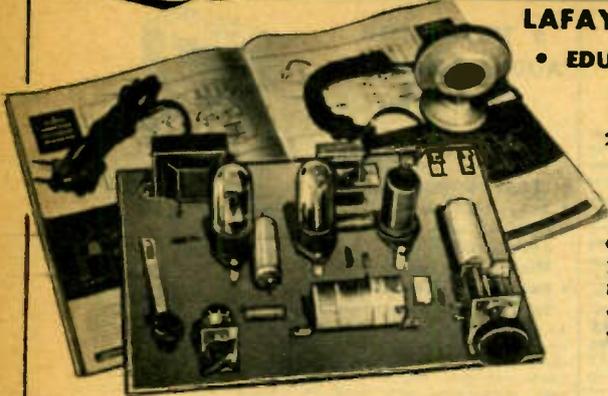
• HI-GAIN AMPLIFIER FOR PHONO AND MIKE

**17.95**

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 coupling for optimum performance. The kit comes complete with all parts including 4 transistors, 3 transistor audio transformers, speaker, volume control, an attractive ripple-finish metallic cabinet, a pre-cut metallic chassis that makes mounting and wiring of parts a "snap", wire and solder, less battery and pick-up coil. Includes easy-to-follow illustrated instructions. Size 4 1/2" H x 4 1/4" W x 4 1/4" D. Shpg. wt., 3 lbs.

KT-131 Complete Kit Less Battery & Pickup Coil.....Net 17.95  
 BA-180 Battery 9 v. Burg. 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 KITS



## LAFAYETTE 10-IN-1 LAB KIT

• EDUCATIONAL • PRACTICAL

You Build:

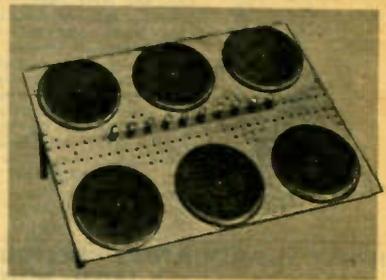
1. RADIO RECEIVER
2. PHONO-MICROPHONE AMPLIFIER
3. PHONO OSCILLATOR
4. BROADCAST STATION
5. CODE PRACTICE OSCILLATOR
6. SIGNAL TRACER
7. CAPACITY OPERATED RELAY
8. ELECTRONIC TIMER
9. ELECTRONIC SWITCH
10. PHOTOCELL RELAY

**12.95**

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	PHOTOELECTRIC CELL TYPE 868, TUBE Shpg. wt., 8 oz.	Net 12.95
	AMPHENOL 77MIP4 SOCKET FOR ABOVE Shpg. wt., 1 oz.	3.75
	CANNON AM-15-1 1000 OHM SINGLE HEADPHONE, Shpg. wt., 1 lb.	.08
		1.18

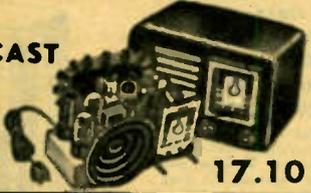
## THE NEW GENIAC FASCINATING ELECTRIC BRAIN KIT



COMPUTES, REASONS, PLAYS GAMES  
COMPOSES MUSIC FORECASTS WEATHER  
DESIGN YOUR OWN COMPUTERS  
OVER 400 PARTS & COMPONENTS

You build up to 125 exciting "electric brain" machines that test intelligence; code and decode; add, subtract, multiply and divide; play tic-tac-toe; solve puzzles; build a burglar alarm; reason in syllogisms; etc. Has special circuits for forecasting the weather, and includes the new "De-sign-O-Mat" which gives dozens of extra experiments and machines and tells you how you can design your own computers using Geniac components. Comes complete with 7 books and pamphlets and includes a booklet by Dr. Claude Shannon of MIT on the use of symbolic analysis in relay circuits. No soldering required—even a 12-year old can make a machine that will intrigue a scientist. Other books supplied include 64-page "Simple Electric Brains and How to Make Them," "Beginners Manual and wiring instructions. Complete with mounting rack and battery. 16 1/2" x 11 1/2". Shpg. wt., 6 lbs. KT-78—Geniac Kit Net 17.95

## AC-DC BROADCAST RADIO SET KIT



• 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 clock. 3 differently colored transparent sheets show the wiring for each circuit; each of these fit over a master chassis photograph. A meter copy shows all 3 steps in individual colors and when you're through you'll have a fine superb set coloring 516 to 1600 Kt. In modern brown plastic cabinet with built-in antenna. Also 8523. Complete Kit with 5 tubes, cabinet, speaker, and all parts. Shpg. wt., 7 lbs. Net 17.10

**17.10**

## BROADCAST-SHORTWAVE RECEIVER



A high gain extremely sensitive portable set covering the 550-1600 KC broadcast band plus the 6-18 MC short wave bands. Operates either on 110V AC, 110V DC or on self-contained batteries. A selection of different countries indicated on shortwave dial. Uses iron core IF's and miniature tubes including 1U4, 1U5, 1R5 and 3V4 plus a selenium rectifier. Attractive leatherette cabinet with semi-airplane dial. Kit is complete with tubes, rectifier, cabinet and technical construction manual with easy to follow schematic and pictorial diagrams. Less batteries. Shpg. wt. 10 lbs.

KT-58 Net 26.75

BA-136 Burg. N60 or equiv. wt., 1 lb.	3.15
BA-113 Burg C5 or equiv. wt., 8 oz.	1.05

## EICO TRANSISTOR RECEIVER KIT MODEL RA6-K

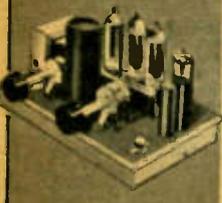


Here is a modern, 6-transistor portable—easy to build at remarkably little cost. Provides high sensitivity, selectivity, undistorted sound output. Features include: built in Ferrite loop antenna, pre-aligned RF and IF transformers, 4 x 6" oval PM speaker, vernier tuning, earphone jack. No test instruments needed. In simulated tan leather case with retractable handle. Size 8 1/2" L x 4 1/2" H x 2 1/2" D. Shpg. wt., 3 lbs. Requires battery (not included).

G-410 Kit	5.00 Down	Net 29.95
G-411 Factory wired	5.00 Down	Net 49.95
BA-180 Battery (NEDA 1602) wt., 5 oz.		Net 1.36

## ERIE "PAC" AUDIO AMPLIFIER KIT

• PRINTED CIRCUIT BOARD  
• PLUG-IN COMPONENTS



A unique 4-tube, push-pull quality audio amplifier featuring an embossed wiring board, the Erie "Pac," and extreme ease of assembly. The controls, capacitors and tube sockets plug into place like tubes. Capacity response 30-12,000 cps. Output 4 watts. Compact, measures only 6 1/2" W, 4-5/16" D, 3 3/4" H. Complete with all parts, including tubes, output transformer, and instructions. Shpg. wt., 3 lbs. Output impedance 4 ohms. KT-121 Net 12.69

## ANALOG COMPUTER KITS



412B 412A 412C

412 TRANSMODULAR ANALOG COMPUTER. Portable, battery operated, the transistorized computer is ideal for schools, desk and home calculation by the engineer, and for assignment or research use by the student. The combined unit will perform integration, differentiation, multiplying by a constant and all duties of a professional analog computer. Ideal for classroom use, the basic modules can be added onto for greater capacity or increased variables. The individual modules can be used for small group instruction, and they combine into larger hookups for classroom demonstrations of difficult or more complex problems.

Unit consists of an amplifier module 412B with 3 DC operational amplifiers containing nine transistors capable of solving up to third order differential equations; a 412A potentiometer module containing three coefficient potentiometers; a 412C comparator module for setting and reading out variables; and an accessory kit 412D containing patch cords, resistors, capacitors and jacks. The entire unit comes complete with full assembly instructions, and an experimental manual and problem book which is the equivalent of a basic course in analog computer operation. The comparator module contains a zero-center milliammeter, with a sensitivity of 1 milliamp. for full scale deflection.

Capable of equation solution on analog computers; in aeronautics, servomechanism design, missile and aircraft, flood control, human engineering, electrical and electronic problems. Shpg. wt., 8 lbs. COMPLETE, less batteries

KT-137	5.00 Down	Net 49.95
Stack #	3 3/4" W x 6 1/4" L x 2" D—each module—2 lbs. shpg. wt.	
KT-138	412A Potentiometer module kit form	8.95
KT-139	412B Amplifier module kit form	17.95
KT-140	412C Comparator module kit form	17.95
KT-141	412D Accessory kit	5.30

## BATTERIES REQUIRED

For KT-139 2 ea. Burgess D6 or equiv. Wt., 15 oz. ea.		
BA-182	2 @ 1.26	Net 2.52
For KT-140 2 ea. Burgess Z or equiv. Wt., 1 oz. ea.		
BA-155	2 @ .10	Net .20

# DO IT YOURSELF - EASY - TO - BUILD KITS

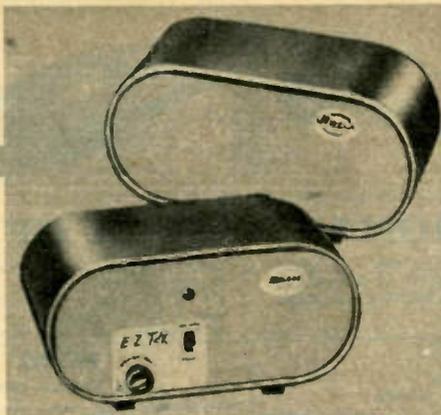
## USE INTERCOM SYSTEM KITS FOR HOME, OFFICE, INDUSTRY



### QUICK TALK KIT

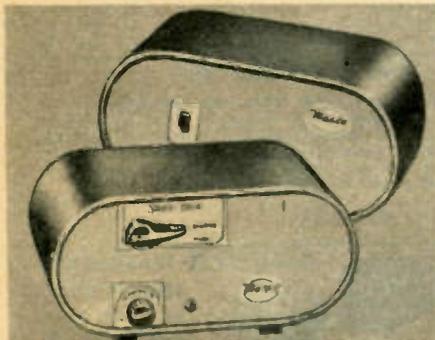
A two-station intercom kit. Master has volume control with on-off switch, separate "talk-listen" switch; controls both sides of a conversation and can listen in on the Remote station at will. Remote is live when Master power is on, for baby-sitting, dictation or safety listening. No switch on Remote-used need not be near station. Extra Remote station can be added. For 117 V. DC, or 50-60 cycle AC. Less connecting cable. Shpg. wt., 6 lbs. Size each unit: 8 1/4" x 4 1/2" x 3 3/4". Easy-to-follow instructions.

- KT-142 ..... Net 11.40  
 KQL Extra Remote kit for above. Shpg. wt., 2 1/2 lbs.  
 KT-143 ..... Net 3.95  
 WR-12 cable. Shpg. wt., 1 lb 100 ft. .... Net 1.19



### BIG TALK KIT

### WIRELESS WATCHER KIT



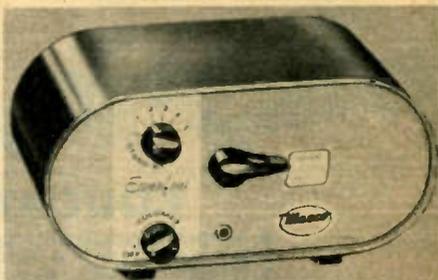
A two-station intercom kit, for distances up to 500'. Master features include on-off volume control, "talk-listen" switch and on-off pilot light. Remote has "talk-listen" switch, allowing it to originate calls to Master. Remote can be left closed for privacy but still able to receive calls from Master, or open for baby-sitting and dictation. Extra Remote can be added. For 117v., DC or 50-60 cycle AC. Less connecting cable. Shpg. wt., 6 lbs. Size each unit: 8 1/4" x 4 1/2" x 3 3/4". Step-by-step instructions.

- KT-144 ..... Net 14.88  
 KBW Extra remote kit for above. Shpg. wt., 2 1/2 lbs.  
 KT-145 ..... Net 6.33  
 WR-14 Connecting cable. Shpg. wt., 2 lbs./c' Net 1.50/c  
 WR-15 250' roll of cable. Shpg. wt., 5 lbs. .... Net 3.50

No interconnecting cables required. Both stations plug into electrical wall outlets and operate over existing power lines. Any number of stations can be used, with messages heard over entire system. No interference with radio or television sets. Each station has Off-On/Volume Control, Noise Silencing Control for quiet operation, Grounded-Ungrounded Selector Switch, Off-On Indicator Pilot Light, Talk-Listen Switch (for dictating or baby-sitting). Third wire (to attach to screw on wall outlet plate) and 5 snap-on connectors are provided, allowing easy "third-wire" connection for best performance. For 105-125 v. 50-60 cycle AC. Size each unit: 8 1/4" x 4 1/2" x 3 3/4". Shpg. wt., 7 1/2 lbs. Easy-to-follow instructions.

- KT-146 ..... 5.00 Down ..... Net 29.74  
 KWW Extra station kit for above. Shpg. wt., 4 1/2 lbs.  
 KT-147 ..... Net 14.90

### THRIFTY TALK KIT



This dual purpose six station master kit can operate in either master-to-remote or master-to-master systems. Up to 5 Remotes or 5 additional Masters can be used. Master can talk to each Remote privately; Remotes talk only to Master. In all Master systems, any station can talk to any other. CONTROLS: On-Off/Volume, 5-Position Station Selector switch, Talk-Listen switch, Hos On-Off Indicator pilot light. For 117 v., DC or 50-60 cycle AC. Shpg. wt., 6 lbs. Size: 8 1/4" x 4 1/2" x 3 3/4". Step-by-step instructions.

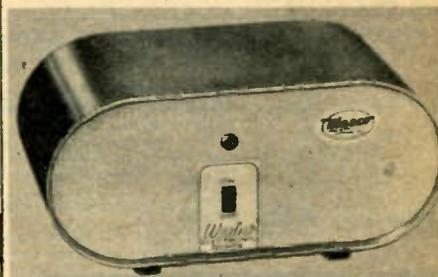
- KT-148 ..... Net 15.20

### REMOTE KIT

For use with THRIFTY TALK up to 500' apart in Master to Remote systems. Hos Talk-Listen switch; provides privacy while still receiving calls for Master. Useful for baby-sitting. User can answer calls while away from Remote, without operating switch. Size: 8 1/4" x 4 1/2" x 3 3/4". Shpg. wt., 2 1/2 lbs. Easy-to-follow instructions.

- KT-149 KTW Remote kit ..... Net 6.33  
 7-conductor cable, for 6 station all-Master system. Shpg. wt., 4 lbs. 100 ft. .... Net 5.96  
 WR-117 ..... 100 ft. .... Net 5.96  
 3 conductor cable, for Master-to-Remote system.  
 WR-14 ..... 100 ft. .... Net 1.50  
 250' roll of 3 conductor cable. Shpg. wt., 5 lbs. .... Net 3.50  
 WR-15 ..... Net 1.50

### BABY TENDER KIT COMPLETELY PORTABLE, NO INSTALLATION



One-station kit for use with any existing radio. Just plug into wall outlet, turn on power. Set picks up sounds and transmits to any radio within 300'. Frequency used 1300KC-1750KC (adjustable). You can be at home, outdoors, in car or visiting, and still be sure that your baby is safe. BABY-TENDER acts as a 24 hour sentinel. Has power on-off switch and pilot light. 50-60 cycle AC. Size: 8 1/4" x 4 1/2" x 3 3/4". Shpg. wt., 4 lbs. Easy-to-follow instructions.

- KT-151 ..... Net 9.50

## EXPERIMENTERS AND HOBBYISTS RADIO KITS

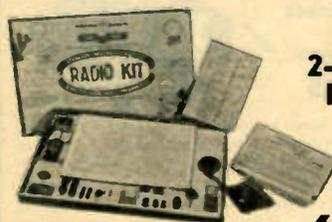


**7-IN-1  
 RADIO  
 LAB KIT  
 WITH  
 HEADPHONE**  
**10.45**

- 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



**2-IN-1  
 KIT**  
**6.53**

- 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-round tuning coil, volume control, switch, board, template, instruction and earphone (which doubles as a microphone). Less batteries. Shpg. wt. 3 lbs.

- KT-40 ..... 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

### GERMANIUM DIODE RADIO KIT

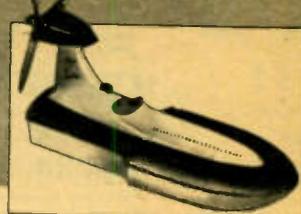
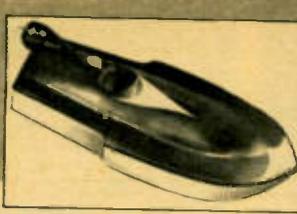
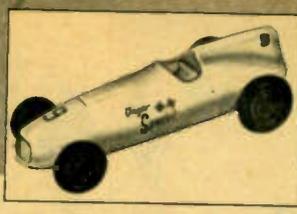
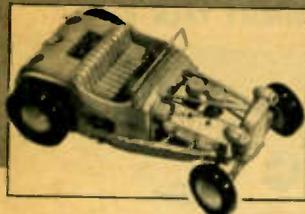


**3.26**

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-earphone, knob, hardware and instruction book. Less wire. Shpg. wt., 2 lbs. KT-43 ..... Net 3.26

INTERCOM SYSTEMS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

# New! MOTORIZED KITS—AUTHENTIC MODELS SNAP-TOGETHER—EASILY ASSEMBLED



## EDUCATIONAL! LOADS OF FUN!

- BATTERY OPERATED—THEY REALLY GO
- FATHER-SON PROJECT
- NO MESSY GLUEING
- IDEAL GIFTS
- IDEAL
- ASSEMBLED IN 5 MINUTES
- SCALE MODELS
- MAKE

These scale models will give any youngster great enjoyment. Not only do they really run, but they also provide hours of creative fun. When not in use, the models will fit perfectly in any boy's room. You will be proud to display your finished authentic scale model.

### MODEL 302 HOT ROD KIT

- COMPLETELY WIRED ELECTRICAL SYSTEM
- INCLUDES ELECTRIC MOTOR AND HEAD LIGHTS

Here's a kit that resembles a real hot-rod in every respect—all the component parts are included. If they were bigger, you could drive them. Flexible front and rear wheels, steering wheel, steering mechanism, frame, radiator, headlights, engine, air filter, plastic body shell with seat and authentic decals all included. Size: 9½ x 4¾ x 2½. Shpg. wt., 2½ lbs.

KT-152 Kit ..... Net 2.69  
BA-157 1½ Volt battery (Burgess No. 2R or equiv.) ..... Net 2.69  
2 ea. required @ 13c

### MODEL 101 SPEED BOAT KIT

- NAUSSAU TYPE
- STREAMLINE APPEARANCE

Ultra-modern design makes the speedboat a real joy for any youngster to run. The kit is easily assembled and can turn any day at the beach into a miniature regatta. Boats are 100% seaworthy, and are equipped with miniature 1½ V DC electric motor. Propeller is constructed of safe polyethylene. Also included are adjustable rudder wire leads, and off-on power switch.

KT-154 Kit ..... Net 1.39  
BA-157 1½ Volt battery (Burgess No. 2R or equiv.) ..... Net 1.39  
2 ea. required @ 13c

### MODEL 102 INDIANAPOLIS-TYPE RACER KIT

- RACE 2 OR MORE

Here's an easily assembled model racing car. Just snap the plastic parts together, insert battery, throw the switch and you're ready for hours of fun packed enjoyment. A simple track can be built, and two or more cars can be raced against each other. Body is constructed of high impact styrene to prevent damage. Also included in the kit are the 1½ V DC electric motor, special racing wheels, and authentic racing decals. Shpg. wt., 1 lb.

KT-153 Kit ..... Net 1.39  
BA-157 1½ Volt battery (Burgess 2R or equiv.) ..... Net 1.39  
2 each required at 13c

### MODEL 306 AIR BOAT KIT

- REAL HYDROPLANE ACTION
- IDEAL FOR THE BEACH

This Air Boat kit is your key to many hours of fun, not only to build, but to operate at the beach, pond, lake etc. The kit contains model hull, center deck, top deck, nautical decals, and motor housing. Motor is powerful 3V DC type and can be switched off and on. Construction is a high impact styrene to prevent damage. Propeller is made from safe, flexible polyethylene. Shpg. wt., 1½ lbs.

KT-155 Kit ..... Net 2.69  
BA-157 1½ Volt Battery (Burgess No. 2R or equiv.) ..... Net 2.69  
2 each required at 13c

1.89

### NEW! "ROCKET" CRYSTAL RADIO

- NO BATTERIES—NO POWER NEEDED!
- INCLUDES CRYSTAL EARPHONE & ANTENNA!
- A COMPLETE RADIO RECEIVER!

A complete radio, capable of receiving entire broadcast band. Tunes by collapsible nose "antenna". Complete with germanium diode, crystal earphone, clip-on antenna. Uses no batteries or other power source. 4¼" high x 1-13/16" diam. at base. Shpg. wt., 6 oz.

F-417 ..... Net 1.89

### PHILMORE ALL-TRANSISTOR RADIO KIT MODEL TR22A COVERS BROADCAST BAND AND POLICE CALLS



- 2 TRANSISTORS & 1 DIODE
- BUILT-IN 4 INCH SPEAKER
- EASILY ASSEMBLED—NO ELECTRONIC KNOWLEDGE REQUIRED

Ideal kit for the beginner. The transistorized receiver is easily built by anyone, and comes with easy-to-follow, step-by-step instructions. Built-in loop antenna brings in weak signals, and eliminates the need for any external ground or antenna. Radio features advanced design, and is housed in sturdy plastic case.

KT-158 ..... Net 12.27  
MODEL TCC Carrying case for above.  
KT-159 ..... Net 2.04  
BA-318 Burg. P6, Battery for above ..... Net .77

### DELUXE COIL WINDER WITH ACCESSORIES

4.95



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 forms and pegs. Wt. 6 lbs.

ML-43 ..... 4.95

### 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 stores in one unit to existing equipment. Thousands of uses. Size 1-13/16 x 1-13/32 sq. Project 2" above chassis. Shpg. wt., 4 oz.

MS-356 ..... Net .50

### DIAL TYPE TELEPHONE INTERCOM

- DIAL-TO-RING
- OPERATES UP TO 600 FEET



Full size—standard telephone shape—battery operated—two station set. The loudest-clearast battery operated telephone available. Operates on easily replaced flashlight cells. No buttons to push for signaling or talking. Perfect for communications room to room—office to office—house and garage—hundreds of installations. Extremely rugged construction. Includes instructions and 50 ft. of wire. Less batteries.

ML-104 ..... Net 5.70

### DELTA "WORLD'S SMALLEST" ALL TRANSISTOR RADIO

- FULLY POWERED WITH 3 TRANSISTORS
- COMPLETE BROADCAST BAND COVERAGE
- NO GROUND OR EXTERNAL ANTENNA NEEDED

Here's a pocket radio that's really sub-miniature. So small that it can be held in the palm of your hand. It is precision engineered, and employs modern circuitry and high quality components. Radio comes completely factory wired and tested in high impact plastic case. Also included is a true-fidelity earphone for private listening, and attractive gift box. Size: 2¼" x 2¼" x 3¾". Shpg. wt., 12 ozs.

KT-160 ..... Net 7.25  
BA-178 Burg. 2U6 Btr for above ..... .95

### CRYSTAL RADIO KIT

Excellent for beginners. Provides basic radio theory. Not a toy. Kit includes a fully wound easy-to-use slide-coil, crystal detector, and cats whiskers. No soldering necessary—the only tool needed is a screwdriver. Shpg. wt., 1 lb.

PHILMORE 7000K ..... 1.29  
Single headphane for above. ME-33 ..... 1.18

### ECONOMY ANTENNA KIT



Ideal for small crystal, diode and transistor broadcast and shortwave sets. 50 ft. 7 x 26 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. Shpg. wt., 2 lbs.

KT-77 ..... 1.05

# NEW! LAFAYETTE STEREO PHONO AMPLIFIER KIT

- GANGED TONE CONTROLS
- STEREO-MONAUROAL SWITCH
- .04 VOLT SENSITIVITY

- 4 WATTS STEREO OUTPUT
- ISOLATION TRANSFORMER
- SEPARATE VOLUME CONTROLS

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-monoaural 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 3.2 or 8 ohm speakers. Tubes: 2-50C5, 2-12AX7 plus selenium rectifier. Size: 9 1/2" x 5" x 4 1/2". Complete with all parts. For 110-120 volts, 60 cycle AC. Shpg. wt., 7 lbs. **KT-126—Kit, Complete** Net 18.95



ONLY 18.95

## COMPLETE STEREO PHONO SYSTEM KIT

- ASSEMBLE THE STEREO AMPLIFIER AND SAVE REAL MONEY
- PLAYS STEREO AND MONAUROAL RECORDS

REGULAR 76.53 **ONLY 59.95**

Enjoy fine stereo performance with this "easy-to-assemble" exclusive Lafayette package. The complete system consists of Lafayette **KT-126** basic stereo phono amplifier kit, the renowned **Collaro TSC-640** 4-speed automatic record changer, the new **Ronette "OV"** Turnover Stereo cartridge with dual sapphire styli for stereo and monoaural records, and two Lafayette **SK-109** Miniature Hi-Fi Speakers and Enclosures. The amplifier kit has many fine features including 2 watts per channel with separate volume control, "stereo-reversal-monoaural operation" switch, and isolation transformer to eliminate shock hazard. The 4" x 6" 5 watt speakers are housed in beautiful mahogany wood cabinets, work from either 4 or 8 ohm outputs and are supplied with 25 ft. of cable for hookup. You save 16.58 over regular catalog prices! Shpg. wt., 33 lbs.

PK-299WX Stereo Phono Kit System Less changer base..... 6.00 Down..... Net 59.95

Wood base for Collaro TSC-640, Mahogany finish. Shpg. wt., 5 lbs.

PK-374W Net 3.95  
PK-375W Above base, blond finish. Shpg. wt., 5 lbs. Net 3.95



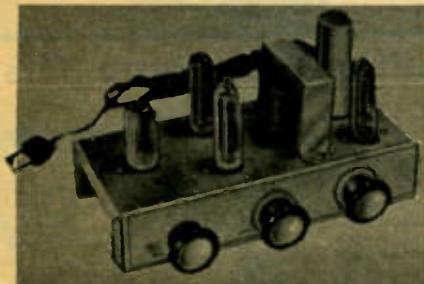
Lafayette KT-126

two Lafayette SK-109

Collaro TSC-640

Ronette "OV" Turnover Stereo cartridge

## 5-WATT PUSH-PULL AC-DC HI-FI AMPLIFIER KIT



- SEPARATE VOLUME, BASS AND TREBLE CONTROLS
- PUSH-PULL AUDIO OUTPUT STAGE
- INVERSE FEEDBACK CIRCUIT
- AC OR DC OPERATION

**10.95**

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—2 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



Lafayette KT-92

Lafayette SK-109

Collaro TSC-640

Ronette Cartridge

42.45

## COMPLETE HI-FI PHONO SYSTEM KIT

The complete system consists of Lafayette **KT-92** 5 watt amplifier Kit, the famous **Collaro TSC-640** 4-speed automatic record changer with **Ronette** cartridge and a Lafayette **SK-109** miniature hi-fi speaker and enclosure. Assemble the amplifier yourself and save money. Shpg. wt., 29 lbs.

PK-332WX (less changer base)..... 5.00 Down..... Net 42.45

Wood base cut for Collaro TSC-640. Mahogany finish. Shpg. wt., 5 lbs.

PK-374W Net 3.95

PK-375W Above base, blond finish. Shpg. wt., 51 lbs. Net 3.95

## ALTERNATE HI-FI PHONO SYSTEM KIT

For those who prefer manual record players, here is a modestly priced system with hi-fi performance. Components include both Lafayette **KT-92** 5-watt amplifier kit and Lafayette **SK-109** miniature hi-fi speaker system in enclosure (featured above), Lafayette **ML-24** 4-speed phono motor and turntable, and Lafayette **PK-157** 4-speed pickup arm with dual sapphire turnover crystal cartridge. Shpg. wt., 14 1/2 lbs.

PK-333WX..... 5.00 Down..... Net 23.75

Unfinished mounting board for ML-24 motor. Shpg. wt., 1 lb.

PK-149W Net 9.50



KT-92

PK-157

SK-109

## EICO HFT-92K HI-FI FM/AM TUNER KIT

- PRE-WIRED & PRE-ALIGNED "FRONT END"
- EXTREMELY STABLE DRIFT-FREE CIRCUIT

Eico has incorporated their famous HFT-90 FM tuner circuit together with excellent AM facilities. 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 1.5µv for 20 db quieting. Frequency Response 20-20,000 cps ±1 db for FM, 20-5000 cps ±3 db for AM. Antenna input 300 ohms FM. Ferrite Rod for AM. Size: 3 1/2" x 12" x 8 1/4". Shpg. wt., 12 lbs.

G-507WX..... 6.00 Down..... Net 59.95

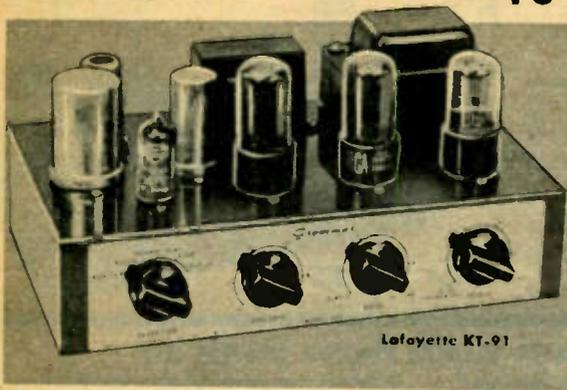
Model HFT-92 Available factory wired and tested.

G-508WX..... 9.50 Down..... Net 95.95

LAFAYETTE'S EXCLUSIVE HI-FI EQUIPMENT SAVES YOU MORE AND SERVES YOU BETTER

# • BUILD YOUR OWN HI-FI KITS •

## 10 WATT PUSH PULL HI-FI AMPLIFIER KIT



Lafayette KT-91

- BUILT-IN PREAMPLIFIER FOR GE RELUCTANCE CARTRIDGE
- SEPARATE BASS AND TREBLE CONTROLS
- SELECTOR SWITCHES PERMIT CHOICE OF THREE INPUTS
- 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 rotor apron slide switch.

**OUTPUT** — Rated 10 watts, peak 18. **FREQUENCY RESPONSE** —  $\pm 1$  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** — Flot response up to 18 db cut. **BASS CONTROL** — Flot response up to 15 db boost. **OUTPUT IMPEDANCES** — 4, 8 and 16 ohms. **TUBES** — 6SC7, 6SL6GT, 2 — 6V6GT and 5Y3GT rectifier. **AUXILIARY AC OUTLET** — Distinctive Hammer-tone finish. **SIZE** — 10 1/2" x 6 1/2" 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.

KT-91

5.00 Down

Net 24.50

**24.50**  
5.00  
DOWN

## MONAURAL HI-FI PHONO SYSTEM KIT

**82.95**

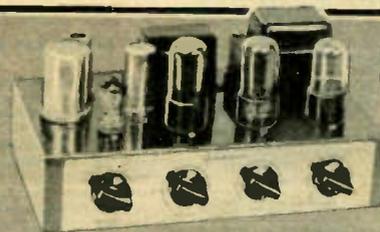
HAVE FUN — SAVE MONEY, by assembling this top-value system yourself. Features Lafayette KT-91 10 watt amplifier kit, famous Garrard RC-121 intermix record changer, GE triple-play cartridge with diamond-sapphire dual stylus and the new Lafayette SK-124 Ultra-Compliance 2 way speaker system in mahogany or walnut cabinet (specify finish). Tuner can be added at any time for radio reception. Less changer base. Shpg. wt., 38 lbs.

HF-703WX 8.30 Down Net 82.95  
Mahogany base for changer. Shpg. wt., 5 lbs.

PK-359W Net 3.95

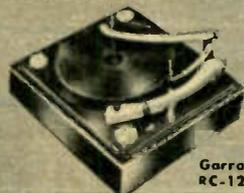
PK-360W Bland base Net 3.95

PK-361W Walnut base Net 4.50



Lafayette KT-91

GE Cartridge

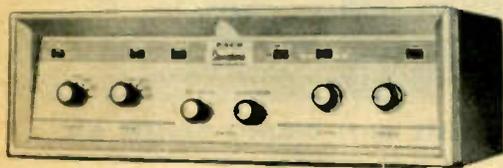


Garrard RC-121

Lafayette SK-124 Ultra-Compliance Speaker Systems



## PACO MODEL SA-40 STEREO PREAMP-AMPLIFIER KIT



Designed for optimum performance and maximum flexibility in any stereo system, SA-40 combines a dual 20 watt amplifier and versatile preamplifier in one easy-to-build kit. Chassis-mounted Mono. Operation Switch converts SA-40 into a 40 watt preamplifier, with a 2nd preamp available to control an external power amplifier. **PERFORMANCE SPECIFICATIONS** — **RESPONSE**: 30-90,000 cps,  $\pm 1$  db. **DISTORTION**: Less 0.2% harmonic and 1% intermodulation per channel. **CONTROLS AND SWITCHES**: Equalization (phono and Tape), Mode Selector (Bal. Left, Bal. Right, Mono, Stereo, Stereo Reverse, Chan. Right, Chan. Left) Rumble Filter, Cantour, Speaker Selector, Input Selector (Aux 1, Aux 2, Phono 1, Phono 2, Tape Head, Microphone, Tuner/Automatic Multiplex), Balance, Loudness/Volume, Bass, Treble, Mono. Operation. **INPUTS**: 14 total. **OUTPUTS**: Dual tape, Separate Preamp, Dual Speaker. **HUM AND NOISE LEVEL**: Up to 80 db below rated output. **SPEAKER TAPS**: 4, 8, 16, 32 ohms. **SENSITIVITY**: Tuner and Aux. 0.75 v., Mag. Phono-1 5 mv., Mag. Phono-2 5 mv., or 0.3 v. Ceramic TAPE OUTPUT LEVEL: 2 v., unaffected by Loudness or Tone settings. 9 tubes plus 2 silicon and 1 selenium rectifier. For 117 v. 50-60 cycles AC. Gold and satin black hooded case, with panel illumination and satin gold panel. 15 3/8" w x 11 3/4" d x 5 3/8" h. Shpg. wt., 23 lbs. Complete with case and step-by-step assembly-operation manual.

G-590WX 8.00 Down Net 79.95

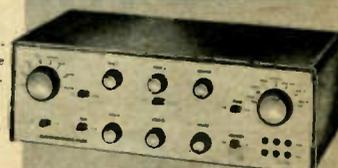
G-591WX SA-40, Factory Wired 13.00 Down Net 129.95

BUY THE MERCHANDISE YOU WANT NOW  
ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

## Acrosound Amplifier & Preamp Kits

### S1001 STEREO PREAMP KIT

Printed circuit board and modular design make construction simple and enjoyable. Unique features include Mike Dub Switch, balance control, and panel Light Matrix. **SPECIFICATIONS** — **INPUTS**: 2-MAG. Cart, 2-Tape Head, 2-Tuner (FM-AM, FM-FM Multiplex), Tape Input, Micro phone. **OUTPUTS**: 2-Main, 2-Tape, 3rd Channel. **CONTROLS AND SWITCHES**: Tape Monitor, Mike Dub, Input Selector (78, LP, RIAA-1, RIAA-2, Tape Head, FM-AM, FM-FM Multiplex, Aux.), 2-Bass, 2-Treble, Balance, Ganged Volume/Loudness, Output Selector (Check A, Check B, Stereo, Stereo Rev., Mon. AB, Mon. A, Mon. B), 1-Scratch, 1-Rumble, Phasing, Loudness In-Out 4 A.C. outlets (2-switched). **Input Sensitivity**: 5 mv. low level, 30 mv. high level, 2 mv. tape head. 4 1/4" h x 12 1/4" w x 6 1/2" d. Supplied with ribbed aluminum cover in black satin finish, with sand-colored front panel. Shpg. wt., 10 lbs. **G-578WX 7.95 Down Net 79.50**



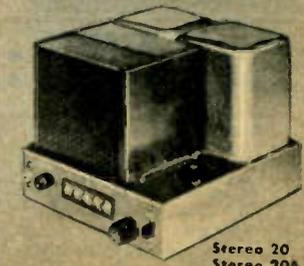
S1001

### STEREO 20-20 DUAL BASIC AMPLIFIER KIT

A two-channel basic amplifier Kit with common power supply. 18 watts per channel at 2% Harm., 1.5% IM distortion; 36 watts monaural. Individual level controls, stereo-aural switch. Dual speaker outputs: 4, 8, 16, 32 ohms. Response: 10-70,000 cps  $\pm 1$  db. A.C. 7" x 10 x 5 1/2" h. Shpg. wt., 18 lbs. **G-570WX 6.95 Down Net 69.50**  
Stereo 20-20, Factory wired **G-571WX 9.95 Down Net 99.50**  
Stereo 20, Single channel amplifier Kit; specs equal to one channel of 20-20. 7" x 7 x 5 1/2" h. Shpg. wt., 13 lbs. **G-574 5.00 Down Net 44.50**  
**G-575** Stereo 20, factory wired 6.45 Down Net 64.50  
Stereo 20A. Stereo 20 Kit, requires power supply, from Stereo 20 or other source. Shpg. wt., 6 lbs. 7" x 5 1/2" x 5 1/2" **G-572 5.00 Down Net 79.50**  
**G-573** Stereo 20A, factory wired 5.00 Down Net 39.50  
**ULTRA-LINEAR II** (not illustrated). 60 watt power amplifier Kit Size 7" x 15" x 8" h. Shpg. wt., 30 lbs. **G-576WX 7.95 Down Net 79.50**  
**G-577WX** As above, factory wired 10.95 Down Net 109.50



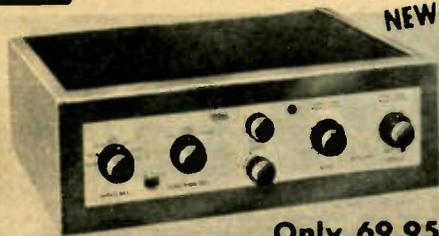
Stereo 20-20



Stereo 20  
Stereo 20A

# SAVE MONEY—BUILD YOUR OWN HI-FI KITS

## EICO Model HF-81K STEREOPHONIC DUAL AMPLIFIER-PREAMP



Only 69.95

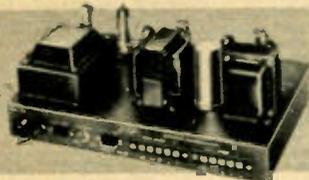
**NEW!** A handsome complete hi-fi stereophonic control center with 2 matched Williamson type push-pull EL84 power amplifiers, all on one chassis. Each channel has 8 inputs: low level-mag phono, tape head, and microphone. Front panel switch for choice of proper NARTB tape equalization for either 7½ or 15 or 3½ ips; high level—2 auxiliaries, AM, FM and FM multiplex. Front panel control to obtain stereophonically FM and AM or FM and FM Multiplex; Ganged level controls and a separate focus (balance) control; Independent, low distortion variable cross-over feedback type of bass and treble controls for each channel. Adaptable to any panel thickness for console installation. Output Power—rated 28 watts (continuous) for monoaural, 14 watts for stereo. Freq. Response—5 db, 10 to 100 kc 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 40-10 kc at 20 w output. Sensitivity for rated output—mag phono: 4 mv; tape head: 2 mv; mic: 6 mv; tuner and auxiliaries: 0.5 v. Hum and Noise Level (below 14W):—56 db on low level input, -75 db on high level inputs. Bass—15 db at 30 cps. Treble—± 15 db at 10 kc. Speaker Connections—4, 8, & 16 ohms. Tubes—4 ECC83/12AX7, 2 ECC82/12AU7, 4 EL84, 2 EZ81. Size 15 x 10½ x 4¾". Shpg. wt., 24 lbs. Net 69.95  
G-490WX Kit 7.00 Down  
HF81 As above, but factory wired. 11.00 Down Net 109.95  
G-491WX

## NEW! EICO STEREOPHONIC DUAL PREAMP KIT MODEL HF85K



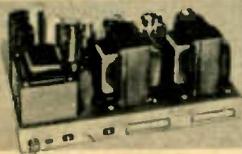
Self-powered preamp-control center offering complete switching and control facilities for any stereo program source—tapes, discs or broadcast. Each channel provides: low-level inputs—magnetic cartridge, tape head, mike; high-level inputs—AM and FM tuners, FM multiplex, auxiliary A and B; Independent level control operating separately or in clutch; 3-stage bass and treble tone controls with feedback amplifier pair driving variable crossover, feedback tone-control stage; Fletcher-Munson loudness compensation with disabling switch; convenience outlets. **SPECIFICATIONS** (both channels): Frequency response 5-200,000 cps ±0.3 db; IM distortion (60 & 7000 cps) .03% @ 1 v. RMS output; Harmonic distortion (20-20,000 cps) 1% @ 2 v. RMS output; Tone-control range ±15 db @ 30 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: 3¾" high, 12" wide, 8¾" deep. Shpg. wt., 10 lbs. Cover supplied. Net 39.95  
G-492 Kit 5.00 Down  
HF85 Same as above, but factory wired. 6.50 Down Net 64.95  
G-493

## EICO MODEL HF86K 28-WATT STEREO HI-FI DUAL POWER AMPLIFIER KIT



The HF86K is a dual power amplifier kit, with each channel rated conservatively at 14 watts. The 2 amplifiers may be operated in parallel to deliver 28 watts for non-stereo use. Features excellent stability and transient response. Clean flawless performance at even high power levels. Employs a Williamson type circuit with a push-pull EL84 output stage. A new tube, the 12DW7, developed at EICO's request, provides significantly better performance characteristics in the familiar voltage amplifier and split-load phase inverter of the Williamson-type circuit. Output power: 28 watts continuous, 56 watts peak. Frequency response: ± 0.5 db 10 c to 100 kc. IM distortion: 0.5% at 10 watts (60 & 7000 cps at 4:1). Harmonic distortion: less than 1% at rated output. Stability margin: 15 db. Hum: 90 db below rated output. Sensitivity: 1.15 v for 14W. output. Controls: Level Ch. 1, Level Ch. 2, "Service Selector" switch, On-Off switch. Speaker connections: 4, 8, 16, 32 ohms. Tubes: 2-12DW7, 4-EL84, 2-EZ81. For 117 V. 60 cycles. Power Consumption: 115W. Size: 5 x 13½ x 9". Shpg. wt., 16 lbs. Net 43.95  
G-494 Kit 5.00 Down  
HF86 Same as above, but factory wired. 7.50 Down Net 74.95  
G-495

## NEW EICO MODEL HF87K 70-WATT STEREO HIGH FIDELITY DUAL POWER AMPLIFIER KIT

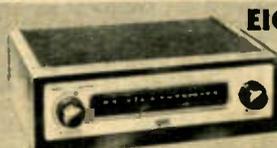


A superb dual power amplifier kit, employing the famous cathode-coupled phase inverter-driven circuit. Each power amplifier is conservatively rated at 35 watts with the output stage using ultra-linear connected, self-biased, push-pull EL34's. The amplifiers have stability margins as great as the feedback employed. The HF87K can be used as either a stereophonic dual 35 watt amplifier or a monophonic 70 watt amplifier. A service selector switch permits choice of service. Output power: 70 watts continuous, 140 watts peak. Frequency response: ± 0.5 db 5 cps-100 kc. Harmonic distortion: less than 1%. From 20 to 20,000 cps within 1 db of 70 watts. Damping factor: above 11. Stability margins: 17 db. Sensitivity: 0.38V for full output. Channel separation: 55 db. Controls: Level Ch. 1, Level Ch. 2, "Service Selector" switch, On-Off switch. Speaker connections: 4, 8, 16, 32 ohms. Tubes: 1-ECC83/12AX7, 2-6SN7GTB, 4-EL34, 2 silicon diode rectifiers. 215 watts, 117V, 60 cps. Size: 15 x 11 x 6". Shpg. wt., 32 lbs. Net 74.95  
G-496WX Kit 7.50 Down  
HF87 Same as above, but factory wired. 11.50 Down Net 114.95  
G-497WX



## EICO MODEL AF-4K COMPLETE STEREOPHONIC DUAL AMPLIFIER KIT

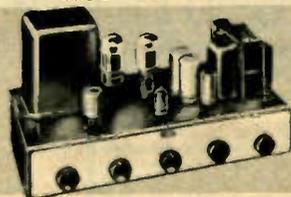
The Model AF-4K kit consists of two highly fed-back, single-ended amplifiers preceded by complete facilities for stereo/monophonic operation. Provides adequate power levels to drive high efficiency speakers to full room volume. Poinstaking design insures excellent response, adequate stability margin, and a feedback level of 27 db resulting in low harmonic and intermodulation distortion. Controls include: Selector (AM, FM, FM Multiplex, Aux., High-level Phono), Mode (Amp 1, Amp 2, Norm., Reverse, Mon. Phono, Mon. Aux.), Independent, concentric level and tone controls, On-Off switch. Frequency response: ± 0.5 db 30-20,000 cps. Harmonic distortion, less than 1% at 4 watts. Sensitivity (for 4 W. output/channel): 26 V. (phono), .113V (other inputs). Hum: -74 db below full output. Speaker connections: 4, 8, 16, 32 ohms. Tubes: 2-12DW7, 2-EL84, 1-EZ81. Size: 3¾ x 12 x 8¾". Shpg. wt., 13 lbs. Net 38.95  
G-498 Kit 5.00 Down  
AF-4 Same as above, but factory wired. 6.50 Down Net 64.95  
G-499



## EICO HIGH FIDELITY AM TUNER KIT HFT94K

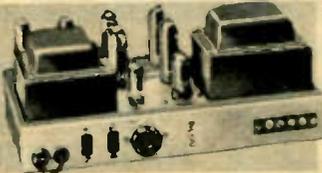
The new HFT94K is a basic AM tuner kit designed for hi-fi applications. Features include slide-rule dial, fly-wheel tuning, low inter-station noise. The tuned RF stage and built-in ferrite loop antenna provide high sensitivity and selectivity. The DM-70 traveling eye indicator is pre-wired, and RF and IF coils are pre-aligned so that the instrument will be ready to play the moment the last instruction is done. Sensitivity: 3 µv. at 30% mod. for 1 v. output. Selectivity: Frequency response: 20-9000 cps (wide), 20-3000 cps (narrow). Output: low impedance plate follower. Extra recording output. Controls: Bandwidth Selector, Level/Power, Tuning. For 110-125 V., 60 cps. Size: 3¾ x 12 x 8¾". Shpg. wt., 12 lbs. Net 39.95  
G-500 Kit 5.00 Down  
HFT94 Same as above, but factory wired. 6.60 Down Net 65.95  
G-501

## EICO 20 WATT HIGH FIDELITY AMPLIFIER KIT MODEL HF20K



High quality equalizer and control section plus 20 watt Ultra-Linear Williamson-type power amplifier 5 equalizations, provided for LP's and 78's including RIAA. Variable turnover, low distortion feedback tone controls. Loudness control and separate level set control both on front panel. Six inputs: 4 high level switched in—Tuner, TV, Tape, Auxiliary; 2 low level inputs (not switched)—provides proper pick-up loading and attenuation for all leading magnetic, FM and high quality cartridges. 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 cabinetry. Size: 8¾" H, 15" W, 10" D. Shpg. wt., 24 lbs. Net 49.95  
G-502WX Kit 5.00 Down  
HF20 As above, but factory wired. 8.00 Down Net 79.95  
G-503WX  
E-1 Enclosure for HF20. Shpg. wt., 3 lbs. Net 4.50  
G-428W

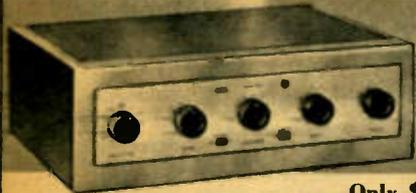
## EICO MODEL HF30K 30-WATT BASIC POWER AMPLIFIER



An unusually high quality basic power amplifier and an outstanding value. Uses 4 of the remarkable EL84 output tubes in a push-pull parallel arrangement. Overall design is such that stability is maintained on all speaker taps, with loads ranging from zero to infinity. Specifications: Output—30 watts continuous, 47 watts peak. Intermodulation Distortion—0.35% at 10 watts. Harmonic Distortion—Below 1% at 30 watts. Frequency Response—15-50,000 cps ± 0.5 db at 30 watts. Damping Factor—Above 10, 20-20,000 cps. Sensitivity—1.24 volts for 30 watts out. Hum—80 db below rated output. Speaker Connections—4, 8 and 16 ohms. Tubes—6AU6, ECC90/6C4, 4-EL84; 2-EZ81 (Rectifiers). Power Consumption—125 watts, 117 volts, 60 cps AC. Size—5" h x 12" w x 7" d. Shpg. wt., 17 lbs. Net 39.95  
G-504 Kit 5.00 Down  
HF30 Same as above, but factory wired. 6.30 Down Net 62.95  
G-505  
E-4 Cover for HF30. Shpg. wt., 3 lbs. Net 3.95  
G-506

# BUILD YOUR OWN **EICO** HI-FI KITS

## EICO 30-WATT HI-FI INTEGRATED AMPLIFIER KIT with PREAMPLIFIER EQUALIZER AND CONTROL SECTION MODEL HF32K



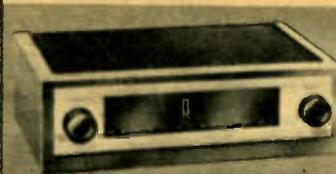
- EXTREMELY VERSATILE EQUALIZATION AND CONTROL
  - NEWLY DESIGNED "LOW-SILHOUETTE" CONSTRUCTION
- 57.95** Complete Kit

Only \$5.80 Down - \$6.00 Monthly

Combines the high stability margin, wide frequency range, negligible distortion and exceptional power supply reliability of the power amplifier section with an extremely versatile preamplifier control section featuring tape head and microphone inputs and including scratch and rumble filters in addition to the usual facilities. Has 3 low level inputs for magnetic phono tape head and microphone and 3 high level inputs for TV or tuner, crystal or ceramic cartridge or tape; 4 phono equalizations and NARTB tape head equalization with equalization circuit of extremely low distortion feedback type. Single switch selects any input and/or equalization. 4 E184 push-pull parallel output stage with very high quality hi-fi audio transformer provide 30 watts continuous, 47 watts peak power with minimum distortion. **IM Distortion:** 2% at 30 watts, 0.5% at 10 watts. **Harmonic Distortion:** Below 1% 20 cps-20KC 1 db below 30 watts. **Frequency Response:** At 20 w ± 0.5 db 15 cps-50KC; ± 1.5 db 15 cps-100KC; ± 0.1 db 15 cps-30KC at any level from 1 mw to 30 w. **Square Wave Response:** 20 cps to 20 KC essentially undistorted. **Speaker Connections:** 4, 8 and 16 ohms. **Sensitivity (input for rated output):** Mag Phono-5 mv, Tape Head - 2 mv, Mic - 4 mv, High Level - 2 mv. **Tubes:** 2-ECC83/12AX7, 2-EC90/6CA, 4-E184, 2-EZ81. **Power Requirements:** 117V, 60 cps; 140 watts consumption. **Sizes** 15" x 4 1/4" x 10 1/2". Shpg. wt., 28 lbs.

G-420WX Kit	5.80 Down	Net <b>57.95</b>
HF32 Same as above, but factory wired.		
G-421WX	9.00 Down	Net <b>89.95</b>

## NEW! **EICO** MODEL HFT90 FM TUNER KIT



- PRE-ASSEMBLED, PRE-ALIGNED, SHIELDED FRONT END
- TRAVELING TUNING INDICATOR
- EXCELLENT SENSITIVITY
- SIMPLIFIED CONSTRUCTION AIDS

Kit includes an entirely completed and aligned "front end" housed in a solid aluminum shield which not only provides excellent sensitivity and low noise, but is also stable and drift-free because of advanced circuitry and temperature-compensated components. This "front end" makes possible construction of an FM tuner comparable to a factory wired unit, even by a novice builder. A traveling tuning indicator, travels along the slide-rule dial, blooming into an exclamation point at the exact center of the channel. Other features include fly-wheel tuning, automatic gain control, stabilized low limiting threshold, broad band ratio detector, and very low distortion plus flat frequency response. Important construction aids include simplified dial cord arrangement and pre-wired tuning eye assembly. —**SENSITIVITY:** 1.5UV for 20db quieting; 2.5UV for 30db quieting; full limiting from 25UV. **INPUT:** 300 ohm balanced. **OUTPUTS:** Cathode follower and multiplex. **TUBE COMPLEMENT:** 1-ECC83/6AQ8, 3-6AU6, 1-6AL5, 1-6CA, 1-6X4, 1-DM70. **MUM:** 60db below 1 volt. **POWER:** 110-125V AC, 60 cps; 40 watt consumption. **SIZE:** 12" x 8 1/4" d x 3 1/4" h. Complete kit with detailed instructions. Shpg. wt., 10 lbs.

G-422 Kit	5.00 Down	Net <b>39.95</b>
HFT90 Same as above, but factory wired.		
G-423	6.60 Down	Net <b>65.95</b>
E-3 Cover for HFT90. Shpg. wt., 3 lbs.		
G-431W		Net <b>3.95</b>

## **EICO** 12-WATT WILLIAMSON-TYPE HI-FI AMPLIFIER . . . PREAMP . . . CONTROL SECTION

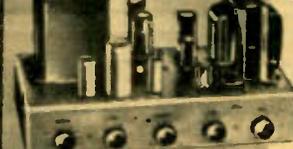


**COMPLETE KIT . . . HF12K . . . 34.95**  
**WIRED . . . HF12 . . . 57.95**

Compact, attractively styled amplifier with complete front end facilities and true high fidelity performance. Direct tone head and magnetic phono inputs with NARTB (tape) and RIAA (phono) feedback equalizations. Dual triode circuit for variable turnover bass and treble feedback-type controls. 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. 4 Controls: Selector switch, level control, bass and treble controls. Speaker connections for 16, 8, and 4 ohms. **Tubes:** (2) ECC83/12AX7, ECC82/12AU7, (2) E184, EZ81. **Sizes:** 3 3/4" H, 12" W, 8 1/2" D. Shpg. wt. 13 lbs. With instructions.

G-424 Kit	5.00 Down	Net <b>34.95</b>
HF12 As above, but factory wired.		
G-425	5.80 Down	Net <b>57.95</b>

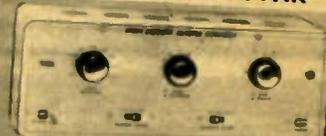
## 50-WATT ULTRA-LINEAR AMPLIFIER PREAMPLIFIER CONTROL SECTION MODEL HF52K



Here is a new high powered, high fidelity amplifier with virtually absolute stability and flawless transient response under load. Extremely high quality output transformer, fully potted in seamless steel case. Preamplifier-equalized control section has five equalizations for LP's and 78's including RIAA, variable turnover feedback tone controls, loudness and level set controls. Six inputs include four high level switched inputs for tuner, TV, tape, crystal/ceramic phono, and two low level inputs for magnetic and high quality crystal cartridges. Has hum balance control. Power output 50 watts continuous, 100 watts peak. Harmonic and intermodulation distortion less than 1%. Frequency response 15-30,000 cps ± 0.1 db. Hum and noise 60 db below rated output. Speaker connections for 4, 8, 16 ohms. **Size** 7" H, 14" W, 8" D. Shpg. wt. 29 lbs. With instructions.

G-426WX Kit	7.00 Down	Net <b>69.95</b>
HF52 As above, but factory wired.		
G-427WX	11.00 Down	Net <b>109.95</b>
E-1 Matching Cover. Shpg. wt., 3 lbs.		
G-428W		Net <b>4.50</b>
HF50K Power amplifier kit only. Shpg. wt., 25 lbs.		
G-429WX	5.80 Down	Net <b>57.95</b>
HF50 Factory wired amplifier only. Shpg. wt., 25 lbs.		
G-430WX	8.80 Down	Net <b>87.95</b>
E-2 Matching Cover. Shpg. wt., 3 lbs.		
G-414W		Net <b>4.50</b>

## HIGH FIDELITY PREAMPLIFIER KIT MODEL HF61AK



**COMPLETE KIT ONLY 24.95** **Factory Wired 37.95**

Provides complete control and switching facilities for the finest power amplifiers. Has feedback-type, sharp cutoff scratch and rumble filters (12db/octave). Low distortion feedback tone controls include five most common recording curves for LP's and 78's plus RIAA. Tone controls provide large boost or cut in bass or treble with mid-frequencies and volume unaffected. Equipped with loudness control, four high level switched inputs (TV, tuner, tape, aux.) and three low level inputs for all cartridges. Has hum balance control and four convenience outlets. Negligible hum, noise, harmonic and intermodulation distortion. Frequency response 8-100,000 cps ± 1 db. **Size:** 4 7/8" H, 12-5/16" W, 4 7/8" D. Shpg. wt. 8 lbs. With instructions.

G-432 Kit	5.00 Down	Net <b>24.95</b>
HF61A Same as above, but factory wired.		
G-433	5.00 Down	Net <b>37.95</b>
HF61K Same as HF61A Kit, but with power supply. Shpg. wt., 9 lbs.		
G-434 Kit	5.00 Down	Net <b>29.95</b>
HF61 Same as HF61K, but factory wired		
G-435	5.00 Down	Net <b>44.95</b>

## MODEL HF60K 60 WATT ULTRA LINEAR HI-FI POWER AMPLIFIER KIT



Enjoy superb performance and save money too by building this top quality amplifier. The kit includes Acrosound's famous TC-330 output transformer which provides high undistorted power, push-pull parallel ultra-linear operation. Rated power output 60 watts, with 130 watt peak. Harmonic distortion less than 0.5%. Frequency response: 16,900,000 cps, ± 0.1 db at 60W. Damping factor 17. Has input level con-

trol, bias and bias-balance adjustments, standard socket for preamp power take-off and remote on-off switching. 7x14x8". Shpg. wt., 30 lbs.

**G-440WX Kit 7.30 Down Net 72.95**  
HF60 Same as above, but factory wired.  
**G-441WX 10.00 Down Net 99.95**  
E-2 Matching Cover. Shpg. wt., 3 lbs.  
**G-414W Net 4.50**



## NEW: EICO MODEL HF65AK HIGH FIDELITY MASTER CONTROL PREAMP

Features a new 3-stage tone control circuit driving a true variable crossover feedback tone control stage. Complete, versatile control facilities for any program material. Frequency Response — ± 0.3 db, 5-200,000 cps. Harmonic Distortion — 0.1% at 3v rms out. Sensitivity — (2v rms out at 1kc); Phono, LO Mag, 1 mv; HI Mag, 3 mv; Microphone 1 mv; Tape Head 0.5 mv; High Level Inputs, 0.17V. Controls: Selector-Equalizer (Aux. TV Tuner, Mic, Tape-NARTB equalized for 7 1/2 ips, 78, RIAA, COL. LON); Bass, Treble, Scratch, Rumble. Separate level and loud-

ness control. Hum—07db on hi-level inputs and —60 db on low level input. Derive power from EICO or other basic power amplifiers. 12 x 8 1/4 x 3 1/4". Shpg. wt., 9 lbs.

**G-436 Kit 5.00 Down Net 29.95**  
HF65A Same as above, but factory wired.  
**G-437 5.00 Down Net 44.95**  
HF65K Same as HF65AK, but with power supply. Shpg. wt., 10 lbs.  
**G-438 5.00 Down Net 33.95**  
HF65 Some as HF65K; but factory wired.  
**G-439 5.00 Down Net 49.95**

# EASY TO BUILD HI-FI KITS



## DYNAKIT PAS-2 STEREO PREAMPLIFIER KIT

- COMPLETELY INDEPENDENT TONE CONTROLS
- ALL CRITICAL PARTS PRE-ASSEMBLED
- UNIQUE DYNA BLEND CONTROL

The PAS-2 stereo preamplifier includes two independent high gain, low noise preamplifier-control channels and complete stereo facilities. Inputs: 3 stereo low level and 4 stereo high level. Outputs: low impedance audio output and tape output. Frequency response:  $\pm 0.5$  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: 13 x 8 x 4". Shpg. wt., 11 lbs.

G-453WX Kit ..... 6.00 Down ..... Net 59.95  
Dynaakit PAS-2 Stereo Preamp. Same as above, but completely wired. Shpg. wt., 11 lbs.  
G-454WX ..... 10.00 Down ..... Net 99.95



## 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:  $\pm 0.5$  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: 5 x 14 x 6 1/2". Shpg. wt., 20 lbs.

G-449WX Kit ..... 6.00 Down ..... Net 59.95  
Mark IV 40 Watt Amplifier. Same as above, but completely wired. Shpg. wt., 20 lbs.  
G-450WX ..... 8.00 Down ..... Net 79.95



## NEW DYNAKIT STEREO 70 70-WATT STEREO AMPLIFIER KIT

- ABSOLUTE STABILITY OF OPERATION
- DUAL DYNA BIASES FOR NON-CRITICAL ADJUSTMENT

The stereo 70 has 2 independent power amplifiers capable of 35 watts of continuous power on each channel or 70 watts of power for monophonic use. Frequency response:  $\pm 0.5$  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: 13 x 9 1/2 x 6 1/2". Shpg. wt., 32 lbs.

G-455WX Kit ..... 10.00 Down ..... Net 99.95  
Dynaakit Stereo 70 Stereo Amplifier. Same as above, but completely wired.  
G-456WX ..... 13.00 Down ..... Net 129.95



## NEW DYNAKIT STEREO CONTROL UNIT DSC-1

Designed to be used with pair of Dynakit (or comparable) preamps, the DSC-1 adaptor provides stereo control facilities at moderate cost. • Dual volume control adjusts level of both stereo channels simultaneously • Balance control of signal level differences between channels • Blend control • Channel reversing • Loudness • Stereo tape A-B monitor for stereo recording from discs or off-the-air • 3 1/2" x 6" panel, weight 2 lbs. Enclosure harmonizes with companion preamps.

G-451 Kit Specify white or brown ..... Net 12.95  
G-452 As above, but wired ..... Net 18.95

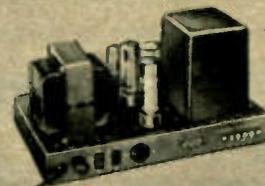


## NEW DYNAKIT MARK III 60 WATT POWER AMPLIFIER KIT

- PRE-WIRED PRINTED CIRCUIT ASSEMBLY
- MATCHED PAIR PREMIUM TUBES
- CHOKE FILTERING TO MINIMIZE NOISE

Compact 60 watt basic amplifier designed for finest listening quality in modern hi-fi installations. Pre-wired printed circuit assembly with parts mounted assures correct trouble-free construction in as little as three hours. Accurate and simple bias setting independent of meter accuracy. Balancing or critical adjustments are not required to meet performance specifications. Frequency response better than  $\pm .5$  db from below 6 cps to above 60 kc. Response at any level up to 60 watts is  $\pm .1$  db over a range in excess of 20 cps to 20 kc. IM distortion less than 1% at 60 watts, .5% below 50 watts and .04% at average listening levels. Less than 1% harmonic distortion within 1 db of 60 watts from 20 cps to 20 kc. Excellent transient response on pulses, square waves, etc., and 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 ..... 8.00 Down ..... Net 79.95  
G-458WX As above, but wired ..... Net 99.95  
G-459WX Kit with 70.7 volt output for P.A. use. .... 8.50 Down ..... Net 84.95



## NEW EICO BASIC AMPLIFIER KITS

35-watt "Ultra-Linear" power amplifier (70 watts peak). Frequency response 5-100,000 cps  $\pm 1.5$  db @ 35 watts. IM Distortion (60 & 7000 cps) 1.5% and harmonic distortion below 1%, 20-20,000 cps  $\pm 1$  db both at 35 watts. Hum 90 db below rated output. Speaker taps 4, 8, 16 ohms. Power consumption 130 watts @ 117 volts 60 cps. Size: 7" high x 14" wide x 8" deep.

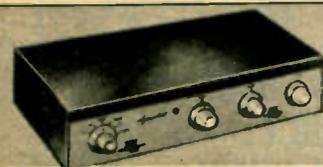
HF35K 35 Watts Power Amp. Kit. Shpg. wt., 25 lbs.  
G-412WX ..... 5.00 Down ..... Net 47.95  
G-413WX HF35 Wired ..... 7.30 Down ..... Net 72.95  
E-2 Matching Enclosure. Shpg. wt., 3 lbs.  
G-414W ..... Net 4.50

Five-tube "Ultra-Linear" hi-fi amplifier rated 22 watts continuous, 44 watts peak. Low-noise EF86 direct-coupled to 6SN7GT8 drives push-pull 6L6G tapped-screen output stage. Will handle 4, 8, 16 ohm speakers, including electrostatics. Frequency response  $\pm 1.5$  db, 5-100,000 cps @ 22 watts. IM distortion (60 & 7000 cps) 1% harmonic distortion below 1% from 20-20,000 cps  $\pm 1$  db, both at 22 watts. Hum 85 db below rated output. Sensitivity 0.6 volt for 22 watt output. Power consumption 90 watts from 117 v, 60 cycle source. Size: 7" high x 14" wide x 8" deep.

HF22K 22-Watts Power Amp. Kit. Shpg. wt., 25 lbs.  
G-415WX Kit ..... 5.00 Down ..... Net 38.95  
G-416WX HF22 Wired ..... 6.20 Down ..... Net 61.95  
E-2 Matching Enclosure. Shpg. wt., 3 lbs.  
G-414W ..... Net 4.50

Williamson-type 14 watt (28 watts peak) power amplifier. Frequency response  $\pm 0.5$  db, 10-100,000 cps @ 1 watt. Harmonic distortion less than 1% (50-10,000 cps) and IM distortion (60 & 7000 cps) 2%—both @ 14 watts, 20 db inverse feedback. Hum 90 db below rated output. Tubes: 1-ECC83/12AX7, 2-EL84, 1-EZ81. Speaker taps 4, 8, 16 ohms. Size: 3 1/2" high x 12" wide x 4" deep.

HF14K 14 Watt Power Amp. Kit. Shpg. wt., 10 lbs.  
G-417 Kit ..... 5.00 Down ..... Net 23.50  
G-418 HF14 Wired ..... 5.00 Down ..... Net 41.50  
E-6 Matching Enclosure. Shpg. wt., 3 lbs.  
G-419 ..... Net 4.50



## NEW! DYNAKIT PAM-1 PREAMPLIFIER KIT

- PRINTED-CIRCUIT MODULE
- 5 INPUTS — 2 OUTPUTS
- 4 A.C. CONNECTION OUTLETS
- INTEGRAL D.C. HEATER SUPPLY

A quality preamp-control unit incorporating factory-wired printed-circuit module for easy and accurate assembly. 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. Controls: Selector-equalization, bass, treble, volume, tape monitor, loudness, hum-balance. Tone-Control Range:  $\pm 14$  db @ 20,000 cps,  $\pm 20$  db @ 20 cps. Phono Equalization: RIAA, 78 rpm, original LP (accuracy ensured by use of 1% components). IM Distortion: Less than .05%, unchanged at any setting of volume control. Response:  $\pm 0.5$  db 6-60,000 cps. Gain: 34 db @ 1000 cps (RIAA input), 20 db @ 20-20,000 cps (High-level input). Impedances: 1000 ohms (output), 500,000 ohms or higher (terminating). Tubes: 2-ECC/12AX7 plus selenium stack. Power Requirements: 200-400 volts d.c. @ 3-4 ma.; 6 volts a.c. @ .75 amps. Size: 2 1/2" high x 12" wide x 6" deep. Shpg. wt., 7 lbs. Choice of bone white or charcoal brown vinyl finish.

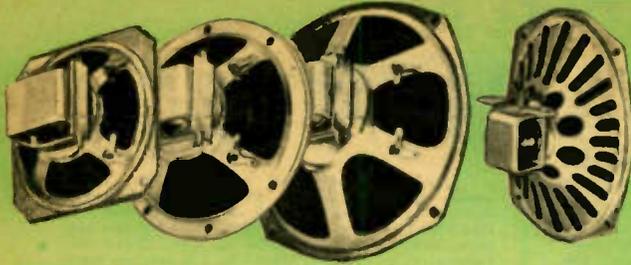
G-465 Kit ..... 5.00 Down ..... Net 34.95  
G-466 As above, but wired ..... 6.00 Down ..... Net 59.95

## DYNAKIT ACCESSORIES

PS-1 Dual Power Supply Kit. Shpg. wt., 4 lbs. ..... Net 8.95  
G-460 Kit ..... Net 14.95  
G-461 As above, but wired ..... Net 14.95  
PM-1 Panel Mounting Kit for Preamp PAM-1. Shpg. wt., 2 lbs. ..... Net 2.95  
G-462 Kit ..... Net 2.95  
PM-25 Panel Mounting Kit (2 PAM-1 & 1 DSC-1). Shpg. wt., 3 lbs. ..... Net 5.95  
G-463 ..... Net 5.95  
CM-25 Walnut Cabinet Mount (2 PAM-1 & 1 DSC-1). Shpg. wt., 4 lbs. ..... Net 17.95  
G-464

HI-FI KITS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

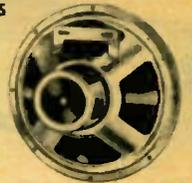
# Speakers AND Baffles



## SPECIAL 12" & 8" P. A. SPEAKERS

• 12" FULL 15 WATTS OF POWER • 8" FULL 10 WATTS OF POWER  
• HEAVY ALNICO 5 MAGNETS

**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 4.64 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 5 lbs.



8" MODEL — 3.95  
12" MODEL — 4.95

**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.

## Lafayette SPECIAL PM VALUES

Fine PAI speakers at rock bottom prices. All have 3-4 ohm voice coil except † is 10 ohm. \* indicates lighter weight magnet.

Stock No.	Size	Shpg. Wt.	Singly, Each	Lots of 3, Each
SK-61†	1 1/2"	1 lb.	1.49	—
SK-65	2 1/2"	1 lb.	1.49	—
SK-66†	2 1/2"	1 lb.	1.49	—
SK-11*	4"	1 lb.	1.39	1.29
SK-25	4"	1 lb.	1.79	—
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 1/2 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

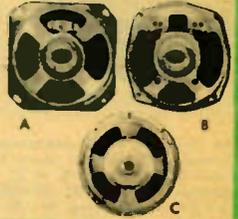
This 6"x9" PM has a giant 2.15 oz. Alnico V magnet. Voice coil 3.2 ohm. Shpg. wt., 2 1/2 lbs.

SK-17	In lots of 3, each	2.99
	Singly, each	3.15

## UTAH MICROGAP PM SPEAKERS

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" are square. \* are incushion † have transformer brackets.

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	3/4	2.62
SK-155	4x6	5	1.47	—	1	3.06
SK-156	5*	5	1.47	B	1	2.70
SK-157	5 1/4*	6	1.47	B	1 1/4	2.79
SK-158	5x7	8	2.15	—	1 1/2	3.79
SK-159	6 1/2*	8	2.15	B	1 1/2	3.44
SK-160	6 1/2*	9	2.15	B	1 1/2	3.97
SK-161	6x9†	10	3.16	—	2	5.26
SK-162	8	10	3.16	C	2	5.00
SK-163	12	10	3.16	C	4	6.67



## 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"	2.40	2.25
SB-11	For 8"	2.75	2.55
SB-13	For 10" or 12"	4.40	4.20



**2 1/2" PM SPEAKER AND Baffle**  
SPEAKER 1.49  
Baffle .75

### MINIATURE

- IDEAL FOR MINIATURE WORK
- MIN. PLUG AND JACK CONNECTION
- CHOICE OF VOICE COILS

A highly efficient PM speaker and carefully designed baffle that makes an ideal combination for the experimenter. The speaker also makes an ideal replacement for many portable sets. Speaker is 2 1/2" square, 1 1/4" deep with mounting holes on 2" centers. Handsome maroon tough plastic baffle comes with built-in jack and min. plug for quick easy connections. Size of baffle 3" H x 2 1/4" W x 1 1/4" D. Shpg. wt., each approx. 1 lb.

SK-65	—Speaker only with 3.2 ohm V.C.	Net 1.49
SK-66	—Speaker only with 10 ohm V.C.	Net 1.49
MS-315	—Baffle only	Net .75

## TINY PM Speaker

FOR TRANSISTOR AND SUB-MINIATURE CIRCUITS



1 1/2" Diam.  
15/16" Deep

At last—the tiny super speaker you've been searching for! Experimenter's, kit builder's, and circuit designer's delight for Transistor and subminiature receivers, amplifiers, and circuits. Only 1 1/2" diameter by 15/16" deep. Alnico 5 magnet — 10 ohm voice coil — total weight only 1 1/2 oz.! Surprising frequency range and output for its size. Mounts at front by four 3/32" mounting holes on 1-9/32" x 1-9/32" mounting centers. A true Lafayette first super value of this unbelievable low price! Shpg. wt., 6 oz.

SK-61 Net 1.49

### SPEAKER WITH OUTPUT TRANSFORMER

With 3/4" x 3/4" x 11/16" 1/2 oz. matching transformer—matches 2000 ohms to 10 ohm voice coil. (Suitable for most transistor outputs). Shpg. wt., 8 oz.

SK-62 Net 2.18

## WORLD'S SMALLEST PM SPEAKER

• Complete With Miniature Output



1-3/16" DIAM.  
X ONLY  
9/16" THICK!

1.95

One of the most flexible speakers model Combines high sensitivity as a microphone with relatively high power-handling capacity as a speaker to make it perfect for "wrist-radio" use for transistor radios down to about 1/2" thickness, for miniature transistor intercoms and telephone-type handsets, extremely small hearing aids and numerous other miniature applications.

This amazing speaker delivers approximately 0.5 milliwatts average output as a dynamic microphone and may be used by itself connected directly to a high impedance amplifier microphone input. Or—it may be used with the transformer supplied as a matching transformer for running a long low-impedance (14 ohms) line with a voltage step-up of approximately 20:1.

The speaker is capable of handling up to 300 milliwatts of audio power. Frequency response is 550 to 5000 cps ± 10 db. Resonant frequency is 600-700 cps. Voice coil impedance is 14 ohms. The miniature transistor output transformer supplied has a primary impedance of 8000 ohms, single-ended. Transformer size is 1" w x 11/16" d x 3/4" h, with 1-5/16" mtg. centers. Shpg. wt., 1/2 lb.

SK-96—Min. PM Speaker & Output Transformer. Net 1.95



## 4" PM SPEAKER IN WOOD Baffle

• 25-FT. SPEAKER CABLE WITH PLUG • BUILT-IN JACK

An ideal extension speaker, excellent for use in multi-speaker low power paging systems, for intercom systems, as an auxiliary bench speaker in service work, etc. Includes 4" PM speaker with heavy magnet for good efficiency and tone quality, mounted in modern-looking decorative 2-tone walnut and black wood baffle. The baffle has slapping-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.

SK-108

Net 3.25, Lots of 3, each 2.95

# AUTO SPEAKER KITS—Garage Door Openers—Accessories

## REAR SEAT AUTO SPEAKER KITS



### 6" x 9" KIT WITH CHROME OR GOLD GRILLE

Complete kit for adding second speaker in rear of your car. Includes a 6" x 9" 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 (specify chrome or 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 (specify chrome or gold grille) ..... Net 4.65

### 5" x 7" KIT

Same as SK-94 but with 5" x 7" speaker and grille (specify chrome or gold), 5 lbs.

SK-42 ..... 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. Specify chrome or gold grille.

SK-55 5" x 7" kit. Same as SK-42 but with fader control. .... Net 3.29

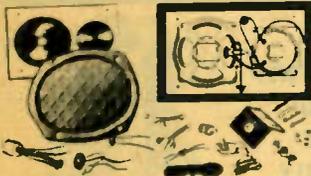
SK-95 6" x 9" kit. Same as SK-94 but with fader control. .... Net 3.69

### DELUXE 6" x 9" FADER KIT

Deluxe kit with extra-heavy-magnet 6" x 9" speaker, plus fader control. Specify chrome or gold grille. Shpg. wt., 5 lbs.

SK-56 6" x 9" kit. Same as SK-37 but with fader. .... Net 4.89

## DUAL HI-FI REAR-SEAT SPEAKER KIT



"Universal" speaker kit includes two Alnico V units — a 5 1/2" woofer and 3" tweeter with electronic crossover network; chrome grille; and baffle which fits regular 6" x 9" cut-out; plus pre-wired, pre-soldered, 3-position switch. Kit comes complete with an assortment of adapters and connectors plus a universal harness for easy installation in any car. Shpg. wt., 4 lbs.

SK-116 Dual speaker kit ..... Net 9.50

## UNIVERSAL REAR-SEAT KIT FOR STATION WAGONS



A fully assembled, easy-to-install auxiliary speaker for all station wagons. Single 4" x 6" Alnico V speaker, chrome grille, swivel bracket, 3-position switch with dial plate and knob. Plug-in harness adapters. Comes complete with installation instructions and wiring diagram. Shpg. wt., 3 lbs.

SK-117 Station Wagon Spr. Kit. .... Net 6.95

## HI-FI REAR SEAT AUTO SPEAKER KITS



### FEATURING 6x9 COAXIAL

### SPEAKER WITH TWIN TWEETERS Add Hi-Fi Listening to Your Car

Identical to SK-37 auto speaker kit shown on this page except has hi-fi 6" x 9" coax speaker instead of single-cone unit. Excellent for music lover who wants quality reproduction. Specify chrome or gold grille. Shpg. wt., 6 lbs.

SK-77 ..... Net 8.80

## FADER TYPE AUTO KIT

Coaxial speaker kit (same as SK-77) with fader for flexible control of both front seat and rear speakers and sound balancing. Specify chrome or gold grille. Shpg. wt., 6 lbs.

SK-78 ..... Net 9.00

## DUAL-SPEAKER FADER CONTROL

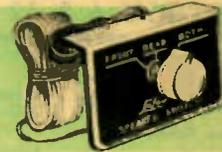


83c

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., 1/2 lbs.

MS-187 ..... Net .83

## 3-WAY SPEAKER SWITCH



59c

For use with two speakers. Three-position switch gives choice of front speaker alone, rear speaker alone, or both together. Comes completely assembled on a black and silver metal plate with ivory indicator knob and attached wiring for connection to both speakers. With hardware and simple instructions. Shpg. wt., 1/2 lb.

MS-266 ..... Net .59

## CHROME AND GOLD SPEAKER GRILLES



### CHROME GRILLES

Handsome perforated metal grilles for rear-seat speaker use or other installations. Avg. shpg. wt., 1 lb.

ML-17, 4"x6" installation ..... .90

ML-69, 5" x 7" installation ..... .79

ML-16, 6"x9" installation ..... .99

ML-38, 8" installation ..... 1.50

### GOLD GRILLES

ML-148, 5" x 7" installation ..... .79

ML-149, 6" x 9" installation ..... .99

## 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 .08

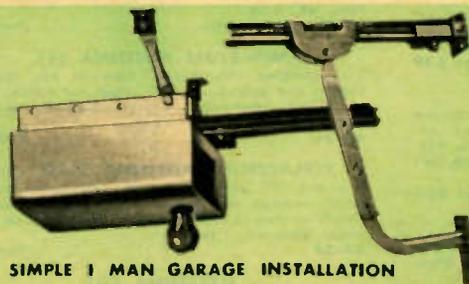
Antenna connector (D) Spring-loaded. Use between lead-in and auto radio.

MS-414 ..... Net .10

## NEW! TRANSISTORIZED RADIO-CONTROLLED GARAGE DOOR OPENER



● HAND HELD TRANSMITTER NO INSTALLATION NEEDED



● SIMPLE 1 MAN GARAGE INSTALLATION

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 an 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 1/4 hp motor will operate one-piece fill-up or sectional roll-up type doors. One-man installation. Easy step-by-step instructions. Shpg. wt., 65 lbs.

ML-178WX MODEL G-520 Complete R/C system ..... Net 139.90

ML-179 MODEL G-325 Extra transmitter for second car. Shpg. wt., 1 lb. .... Net 24.50

ML-180 MODEL G-511 Key switch for outdoor location. Shpg. wt., 1/2 lb. .... Net 4.20

## AUTOMOTIVE ACCESSORIES



Replacement Lead (G). 54" universal lead. Fits all popular make auto antennas. Low-loss, high "Q" coax cable. Shpg. wt., 1 lb.

AA-37 ..... Net 1.35

Universal Extension Lead. Adds needed length to existing leads.

AA-38 ..... 24 inches ..... Net .65

AA-39 ..... 36 inches ..... Net .75

Noise Suppressor Kits (H). 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 2.65

MS-419 for 8-cylinder cars. .... Net 3.06

WHEN ORDERING ALWAYS USE LAFAYETTE STOCK NUMBERS IF SHOWN

Page 235

# Auto Radio Antennas and Accessories



## NEW! THE AUTO BARO-ALTIMETER

- SHOWS CHANGES IN ALTITUDE WHILE DRIVING
- FORECASTS WEATHER
- INVALUABLE FOR THE AUTO TRAVELER

**6.95**

Here's an instrument which is as important to every driver as a compass is to a ship's captain. It accurately forecasts tomorrow's weather today (by barometric pressure) and indicates your exact altitude while you drive along. Meter reads altitude from -400 to 10,000 feet above sea level, and is housed in durable, vibration-proof plastic case. The Auto Altimeter comes complete with mounting bracket, and step-by-step installation and operation instructions. Also included is a handy chart which converts all numerical barometric changes, into the coming day's weather forecast.

F-483 ..... Net **6.95**

## UNIVERSAL 6 & 12 VOLT VIBRATORS

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.

**AS LOW AS 95¢**  
Price Schedule

All types may be assorted for quantity prices.

Lots of 1, ea.	1.29
Lots of 5, ea.	1.19
Lots of 10, ea.	1.09
Lots of 25, ea.	.99
Lots of 100, ea.	.95

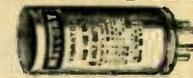
**STOCK NO. MS-14 6-VOLT 4-PRONG**  
Replaces Mallory 294, 859, 901M; Radiart 5300, 5301; and many others.

**STOCK NO. MS-127 12-VOLT 3-PRONG**  
Replaces Buick, Olds, Pontiac and GM part no. 1220155; Mallory G874, CD 6330, Delco 8550; and Vokar 3129.

**STOCK NO. MS-128 12-VOLT 4-PRONG**  
Replaces Mallory G859, Motorola 488522000, Philco and Mopar 83-0025-1, ATR 1340, Vokar 4124; and most later 12-volt car-radio vibrators.



## MALLORY



**REPLACEMENT VIBRATORS**

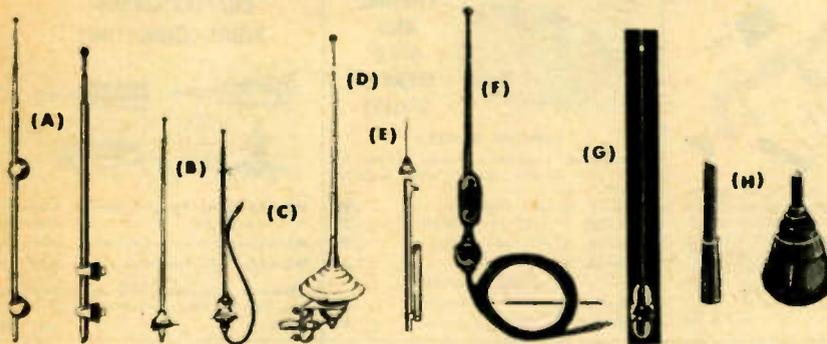
Replacements for all popular sets. Consult "Mallory Vibrator Guide" for correct replacement unit.

**MALLORY VIBRATOR GUIDE** ..... Net .15  
Free with order for Mallory vibrators.

TYPE NO.	VOLTS	NET EACH	TYPE NO.	VOLTS	NET EACH
F294	32	4.70	743	6	4.53
*F8265/F826C	32	4.55	748	6	4.53
G294	17	5.03	*8255/825C	6	4.04
G1501/G4501	12	4.04	854	6	2.88
G1401/G859	12	2.76	870	6	2.88
G1402/G883	12	2.76	903M	6	2.12
*G16035/G826C	12	4.53	954	6	4.53
G1801/G4549	12	5.03	1501/4501	6	3.70
*G18015/G725C	12	5.85	1512/4512	6	4.06
*18025/G749C	12	5.85	1513/4513	6/12	4.04
*G18035/G567C	12	5.85	1514/4514	6	4.06
G1807/G4540	12	5.03	1601/859	6	2.76
G1808/G4544	12	5.03	*16035/826C	6	3.70
M1501/M4501	24	4.04	1604/1100	6	2.88
T4002	2	6.29	1701	6	5.65
T4003	2	5.76	1751	6	5.76
W1601/W859	4	2.80	1752	6/12	5.70
W1802/W759	4	4.85	1801/742	6	4.53
247	6	4.53	1801/4549	6	4.53
273C	6	5.38	*18015/725C	6	5.03
294	6	2.88	1802/245	6	4.53
298	6	3.73	1806/576	6	4.53
509P	6	2.44	1807/4548	6	4.53
716	6	4.53	1808/4546	6	4.53
			1852	6	5.72

\*Hermetically sealed. \$130 cycles.

## NEW LOW COST AUTOMOBILE ANTENNAS ALL ANTENNAS CONSTRUCTED OF CHROME PLATED BRASS



### STANDARD SIDE COWL (A)

3 section antenna measures 25" collapsed, and extends to 57 1/2". Mounts with two polystyrene stand-off insulators. Complete with 54" lead, and tip jack.  
AA-12 ..... Net 2.19

### DELUXE SIDE COWL (A)

This 3 section antenna is designed for long distance applications, where greater sensitivity is required. Antenna measures 34 1/2" collapsed and extends to 90". Mounts with 2 bakelite insulators. Complete with 54" lead and tip jack. Shpg. wt., 1 1/2 lbs.  
AA-15 ..... Net 2.65

### TOP COWL MOUNT (B)

3 section antenna measures 23" collapsed, and extends to 54". Mounts on polyethylene insulator. Shpg. wt., 1 1/4 lb.  
AA-21 ..... Net 2.00

### UNIVERSAL MOUNT AERIAL (C)

Can be mounted anywhere on a car. Adjusts to any angle. 3 section, measures 24" collapsed, extends to 60". Complete with 54" lead. Shpg. wt., 1 1/4 lbs.  
AA-22 ..... Net 2.39

### HOT-ROD AERIAL (D)

4-section, extends to 108" from 35" collapsed. Has shock absorbing solid rubber mount, red lenite static ball, red ceramic insulators. For rear mount on fender

or under trunk door. With 15 foot polyethylene cable. Shpg. wt., 3 lbs.  
AA-23 ..... Net 4.98

### MINIATURE ANTENNA (E)

For concealed installations. Measures less than 3" closed, and extends to 54". Ideal for police, newspaper, etc., applications where concealment of 2-way radio is desired. Shpg. wt., 2 lbs.  
AA-24 ..... Net 2.85

### REPLACEMENT ANTENNA STAFF (H)

3 section 57" replacement staff. Telescoping staff replaces antenna lost through accident or vandalism. Mounts on stub of broken antenna. Simple hex set screw mount. Shpg. wt., 1 lb.  
AA-30 ..... Net 1.20

### ELECTENNA (G)

Replacement antenna and coil. Measures only 17" long. Increases gain over standard 54" antenna by up to 100%. Installs quickly and simply. Shpg. wt., 1 1/2 lbs.  
AA-31 ..... Net 4.13

### TRENDENNA (F)

Combines the advantages of the powerful Coilenna with those of a telescoping antenna, to produce the ultimate in super-sensitivity. Increases radio performance many times over standard antenna operation. Measures 12 1/2" collapsed and extends to 29". Shpg. wt., 3 lbs.  
AA-36 ..... Net 5.37

## SCHAUER KAR-START

**STARTS WET OR COLD ENGINES INSTANTLY**



If you park your car outside in wet or wintry weather, you need Kar-Start. At instant of starting, Kar-Start sends five times the normal amount of spark from your plugs for sure-fire starts. Used for starting only. It is automatically disconnected when engine is running. Will not damage plugs or distributor. Simply, easily installed with just 3 quick connections. Save your battery, time and temper. Shipping weight 1 lb.

MS-699 for 6 V cars List 6.50 net \$4.20  
MS-700 for 12 V cars List 7.95 net \$5.15

**"Pathfinder" delayed-action safety car light switch**



Discourage attempts at "mugging," holdups, etc., with this delayed-action switch, needed by every car owner. Simple to install, it permits you to leave your car at night with either headlights, tail lights or parking lights on. You have time to walk 75-150 ft. before the lights go out automatically! Operates entirely independently of your regular light switches. Beautiful dashboard accessory, designed for your family's protection. Operates on 6 or 12 volt electrical systems. Shpg. wt., 1/2 lb.  
SW-25 Pathfinder Switch ..... Net 2.39

### COILTENNA

Boosts performance of present antenna up to 400%. Quickly and easily installed. Fits all cars. Shpg. wt., 1 lb.

AA-32 ..... Net 2.75

# MOTOROLA AUTO SETS FOR ALL CARS

## MOTOROLA SPORTS CAR AUTO RADIO

FITS MANY FOREIGN, SPORTS, TRUCKS, BOATS

REG. VALUE \$59.95

ONLY \$49.80

\$5.00 DOWN — \$5.00 MONTHLY

- TRANSISTOR-POWERED CHASSIS
- NO VIBRATOR—NO VIBRATOR NOISE
- REVERSIBLE POLARITY PLUG
- FOR NEW CARS, OLDER CARS, FOREIGN CARS, TRUCKS, BOATS

A really universal car radio for all types of cars or boats with 12 volt electrical systems. Small—measures only 6 1/2" wide x 2 1/4" high x 4 1/2" deep! Features polarity reversal (by simply rotating a plug) for cars with positive or negative grounds. Includes 5 miniature tubes plus a power transistor. Audio output 2.8 watts. No need to reset volume control when tuning—exclusive Volumatic keeps level constant. 5" x 7" heavy-magnet speaker for excellent tone quality. Other fine features include vernier tuning and rich chrome finish trim plate. Mounts by simply drilling 3 small holes. Styling fits into any interior for a custom-installed look. Shipping Wt., 7 lbs.

MOTOROLA 600X Car Radio Net 49.80

## NEW! MOTOROLA 2 TRANSISTOR MANUAL RADIO FOR 12 VOLT SYSTEMS



\*FITS MOST CARS, SPORTS CARS, BOATS AND TRUCKS

Extremely compact and efficient set for in-dash or under dash mounting in most cars as well as for specially positioned installations. Features circuit with 3 tubes and 2 transistors, automatic volume control, 5" Golden Voice speaker, noise eliminating circuit and extremely low battery drain. Size 6 1/2" w x 2 1/4" h x 7 1/4" d. Less trim plate. Shipping weight, 6 lbs. For 12 volt Systems.

MODEL 300X for installations with negative ground ..... 37.20

MODEL 301X for installations with positive ground ..... 37.20

### FOR 6 VOLT SYSTEMS

Similar to 300X, but has 4 tubes and 2 transistors and is for 6 volt systems. Less trim plate. Shpg. wt., 6 lbs.

Model 406 ..... Net 37.20

## EASY PAY PLAN

ALL MOTOROLA SETS ARE AVAILABLE ON LAFAYETTE'S SIMPLE EASY-PAY-PLAN SEE EASY-PAY CHART IN BACK OF CATALOG

## UNIVERSAL MANUAL TUNING AUTO RADIOS WITH EXTERNAL OVAL PM SPEAKER



### MODEL 8MX TRANSISTOR POWERED

This transistor powered car radio installs easily on dash of most cars. Features 7 tuned circuits with 5 tubes plus transistor, noise eliminator circuit, automatic volume control, tone control and 6" x 9" external speaker. Size 7 1/4" w x 2 1/4" h x 6 1/4" d. Less trimplate. For 12 volt cars. Shipping weight, 7 lbs.

MOTOROLA 8MX ..... Net 43.75

### MODEL 8M

Similar to above, but with 5 tubes and rectifier, no transistor, and 5" x 7" external speaker. For 6 volt cars. Shipping wt., 9 lbs.

MOTOROLA 8M ..... Net 41.25

FOR TRIM PLATES FOR IN-DASH AND UNDER-DASH INSTALLATION, SEE CHART

## CONSULT THIS CHART TO DETERMINE WHICH SETS FIT SPORTS CARS AND FOREIGN CARS

This chart shows a choice of sets to fit the electrical system of your car, the type of installation, and if trim plate is required. A price in the column headed "TRIM PLATE" indicates an accessory plate is required at the price shown; otherwise no added plate is needed. In column headed "TYPE INST." A=IN DASH, B=UNDER DASH, C=AGAINST FRONT DOOR, D=THROUGH GLOVE COMPARTMENT DOOR, \*=-Dash requires simple alteration. Shpg. wt., 6 lbs. for all 300X, 301X, 406; 7 lbs. for all 600X; 8lbs. for all 8M, 8MX, and VWAB.

MAKE AND MODEL	USE SET	TRIM PLATE	TYPE INST.
ALFA-ROMEO 1936-59	300X 600X	\$1.50	A A*
ARNOLT BRISTOL 1935-59	301X 600X	1.50	A A*
AUSTIN 1936-59	301X 600X	4.35	B A
BMW (ISETTA 300) 1957-59	300X 600X		C C
BMW (ISETTA 600) 1958-59	300X 600X	4.35	C A*
BORGWARD 1957-59	8M 406	4.35 2.33	A A
BRISTOL 1957-59	301X 600X		B A*
CITROEN (ID-19) 1956-59	406	4.35	B
CITROEN (DS-19) 1958-59	8M 406	4.35 1.50	D D
OKW 1956-59	406 VWAB	1.50	A A
ENGLISH FORD ANGLIA, ESCORT PERFECT, SQUIRE 1958-59	301X		B
ENGLISH FORD CONSUL-ZEPHYR ZODIAC 1957-59	301X 600X	4.35 4.35	A A
FIAT (600-1100) 1957-59	300X 600X		B D
FIAT ROADSTER 1957-59	300X 600X	1.50	A*
GOGOMOBIL 1958-59	300X 600X 8MX	1.50	A* A* A*
HILLMAN MINX 1957-58 1959	301X 600X	4.35 4.35 4.35	A A B
JAGUAR (ALL) 1950-59	301X 600X		B B
LOYD 1957-59	406		B
MERCEDES BENZ 1955-59	300X 600X 8MX	1.50	A* A* A*
MGA 1958-59	301X 600X	1.50	A A

MAKE AND MODEL	USE SET	TRIM PLATE	TYPE INST.
MORRIS MINOR 1956-59	301X 600X	4.35 4.35	A A
NSU PRINZ 1957-59	300X 600X	4.35	A A*
OPEL 1958-59	406 VWAB	4.35	A A*
PANHARD 1957-59	300X 8MX 600X	1.50 4.35	A A A*
PORSCHE (ALL) 1957-59	406 8M VWAB	1.50 4.35	A* A* A*
PEUGEOT 1958-59	300X 8MX	1.50 4.35	A* A*
RENAULT DAUPHINE 4CV-1955-58	406 8M	1.50 4.35	A A
RENAULT DAUPHINE 4CV-1959	300X 8MX	1.50 4.35	A A
RILEY 1957-59	301X 600X		B B
ROVER 1958-59	301X 600X	1.50	A*
SAAB 1958-59	301X 600X	4.35	B
SIMCA ARONDE 1958-59	300X 8MX	4.35 4.35	A A
SIMCA VERSAILLES 1958-59	300X 8MX 600X	4.35 4.35	A A A*
SIMCA CPE. DE VILLE 1958-59	300X	4.35	A*
SUNBEAM RAPIER 1955-59	301X 600X		B A*
TANAUS 1959	600X VWAB	4.35	A*
TRIUMPH (ALL) 1955-59	301X 600X		B B
VAUXHALL 1958-59	301X 600X	4.35 4.35	A A
VOLKSWAGEN 1957-59	406 8M	1.50 4.35	A A*
VOLKSWAGEN 1958-59	406 8M VWAB	1.50 4.35	A A A
VOLKSWAGEN GHIA 1955-59	406 VWAB	1.50	A*
VOLKSWAGEN BUS 1955-59	406 8M	1.50	A
VOLVO 1957-59	406 8M	4.35 4.35	A A

## TRIM PLATES FOR ABOVE FOR IN-DASH CUSTOM INSTALLATION IN DOMESTIC CARS

Specify Make, Model and Year Of Car

MAKE	YEAR
BUICK	54 thru 59
CHEVROLET	53 thru 59
CHEVROLET-GMC TRUCK	55 thru 60
EDELSEL	58-59
NASH RAMBLER	57 thru 59
PLYMOUTH	53 thru 59
PONTIAC	57 thru 59
STUDEBAKER HAWK	55 thru 59

4.35

## FOR TRIM PLATES FOR SPORTS CARS AND FOREIGN CARS SEE CHART

### SPECIAL CUSTOM SERIES

- TRANSISTOR POWERED
- PUSH BUTTON TUNING
- CUSTOM FITTED TO EACH CAR
- NO EXTRA TRIMPLATE REQUIRED



Specifically designed to custom fit your car with simplest installation. Sensitive transistor powered circuit uses 5 tubes plus rectifier. Heavy duty 6" x 9" PM speaker, automatic volume control, and tone control. Low battery drain. For 12-volt operation. Shpg. wt., 10 lbs.

CTA7X	— For Chevrolet 57
CTA8X	— For Chevrolet 58
CTA9X	— For Chevrolet 59
BKA6X	— For Buick 56
BKA7X	— For Buick 57-58
BKA9X	— For Buick 59
OEABX	— For Oldsmobile 58
OEAPX	— For Oldsmobile 59
PCA7X	— For Pontiac 57-58
PCA9X	— For Pontiac 59
VWAB*	— For Volkswagen 53 thru 59

NET EACH 59.95

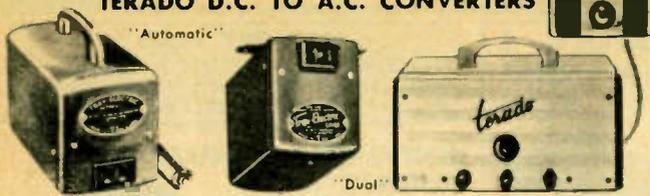
\*Not transistorized — For 6 volts only.

YOUR ORDER WILL RECEIVE PROMPT, EFFICIENT SERVICE AT LAFAYETTE

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# TRANSISTORIZED POWER SUPPLIES · CONVERTERS · CHARGERS · ACCESSORIES

## 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.	INPUT DC VOLTS	WATTS		SIZE	WT. LBS.	NET
		CONTIN.	INTERM.			
50102	6	10	15	2 x 3 x 4"	2	8.46
50103	12	15	20	2 x 3 x 4"	2	8.46
50115	6	35	40	2½ x 2½ x 4½"	3	14.34
50116	12	40	50	2½ x 2½ x 4½"	3	14.34
50126	6	60	75	4 x 5 x 6"	8	30.67
50127	12	75	100	4 x 5 x 6"	8	30.67
50137	6	75	100	4 x 5 x 6"	9½	42.43
50138	12	100	125	4 x 5 x 6"	9½	42.43
50134	12	85	110	4 x 5 x 6"	9	35.90
50153*	12	175	200	5 x 5 x 11"	22	65.30

## SUPER CHARGER

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 3 x 5 x 6". Shpg. wt., 7½ lbs.

Model 50181 ..... 5.00 Down ..... Net 26.10



## NEW TERADO BATTERY CHARGERS HI-POWER CHARGER

A five ampere taper charger, to charge 2-12 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 2½ x 2½ x 4½". Shpg. wt., 3 lbs.

Model 50180 ..... Net 13.03



## MITYMITE BATTERY CHARGER

Keep your battery at peak power; prevent battery destruction caused by infrequent use or over use. Safe ¾ Amp charging rate automatically cuts off when battery is fully charged. Operates on regular household current. For 6 or 12 Volt batteries. Trouble light indicates proper connection to battery. Will also recharge run-down batteries. Guaranteed for one full year. Size 4½ x ¾ x 2½". Shpg. wt., 2 lbs.

MS-720 List 9.95 ..... Net 5.95



## CORNELL-DUBILIER CONVERTERS

A handy device that enables you to use most of your electrical conveniences away from 110V, AC sources. Uses car or boat battery by plugging into cigarette lighter outlet or line direct to battery or to your 110 V. DC source and converts your 6V, 12V or 110V source to 110V, AC, at power ratings (WATTS) given below. Suitable for shavers, radios, TV sets, small power tools; contains noise suppressor.



MODEL	USES VIBR. NO.	DC INPUT	WATTS		SIZE	WT. LBS.	NET
			INTER.	CONT.			
65P2	2529	6	25	20	2½ x 3 7/32 x 2½"	3	7.88
12SP2	2530	12	30	25	2½ x 3 7/32 x 2½"	3	7.88
110LMS	2533	110	70	60	3 x 4 13/16 x 3½"	5	16.76
110M7	2565	110	90	70	3 15/16 x 5 5/16 x 4½"	7	26.17
110L10	110VB6	110	150	100	6½ x 8 x 5½"	14	33.81
110S15	110VB6H	110	200	150	6½ x 9 x 5½"	16	42.33
110M25	110VB6H	110	325	250	7½ x 11 x 6½"	22	52.63
110H35	110VC6H	110	450	350	7½ x 11 x 6½"	22	79.38
110SH40	110VC6H	110	600	400	9½ x 13 x 8"	37	99.96
12LM4	2530	12	50	40	3 x 4 13/16 x 3½"	5	14.08
12L8	2563	12	100	80	6½ x 8 x 5½"	13	26.43
12H15	12VD6	12	175	150	7½ x 11 x 6½"	22	58.51
32H18	32VB6	32	200	180	7½ x 11 x 6½"	22	69.38

## CORNELL-DUBILIER SELF-CONTAINED AC POWER SOURCE

A completely portable and self-contained source of 110V, 60 cycle AC power for operating such equipment as small TV sets, record players, etc. not requiring over 140 WATTS continuous power, or 175 watts intermittently. Has own 12V. battery, heavy duty vibrator-inverter and charger for charging battery from 110V. A.C. source or 12-32V. D.C. source. Heavy clamps and leads provided for connecting battery. In portable carrying case, 14" x 9½" x 9½". Shpg. wt., 25 lbs.

MODEL 125514—"SPORTSMAN SENIOR," less battery—Net 77.91



## SCHAUER BATTERY CHARGERS

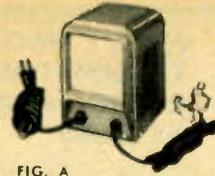


FIG. A

**MODEL A3, 4-AMP 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 4¼ x 4¼ x 6½". Shpg. wt., 4 lbs.  
MS-701 - MODEL A3 - for 6V batteries ..... Net 9.11



FIG. B

**MODEL B3, 6-AMP OVERNIGHT CHARGER** Will charge the average run down battery in from 7-9 hours. Delivers 6 amps to charge 6 volt battery. Has ammeter to indicate exact rate of charge. Size 6¼ x 6¼ x 7¼". Shpg. wt., 8 lbs.  
MS-702 - MODEL B3 - for 6V batteries ..... Net 13.03  
MS-703 - MODEL B312 - same as above but for 12V batteries ..... Net 16.28

## MODEL K312, 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 4¼ x 4¼ x 6¼". Shpg. wt., 4½ lbs.  
MS-704 - MODEL K312 - for 12V batteries ..... (FIG. A) ..... Net 9.77

## MODEL C3, 10-AMP HEAVY DUTY CHARGER

This model will recharge the average battery in 6 hours or less. Ideal for heavy-duty batteries on trucks, tractors, etc. Charging rate tapers to a safe finishing charge. Has ammeter. Size 6¼ x 6¼ x 7¼". Shpg. wt., 10 lbs.

MS-705 - MODEL C-3 - for 6 volt batteries ..... (FIG. B) ..... Net 17.6  
MS-706 - MODEL C312 - same as above but for 12 volt batteries ..... Net 21.53

## MODEL A-8410 CHARGER PLUG FOR CAR

Permits charger to be plugged into convenient cigarette lighter receptacle. A real convenience.

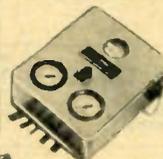
MS-707 - MODEL A-8410 - charger plug for 6v cars ..... Shpg. wt., 8 oz. ..... Net 1.15  
MS-708 - MODEL A-8412 - charger plug for 12v cars ..... Shpg. wt., 8 oz. ..... Net 1.15



## SCHAUER MOTOR ANALYZER Model A-8225

This instrument combines into one compact unit several testing devices used by the automotive mechanic. Can test spark plug, distributor, coil, points and wiring, vacuum, compression and fuel pump; valve and valve timing; ignition etc. Consists of compound fuel pump vacuum and pressure gauge, separate pressure gauge for testing cylinder compression, and an adjustable spark gap indicator with neon tube, completely equipped with necessary wire leads and clips. Housed in attractive steel case. Instruction manual included. Shpg. wt., 6 lbs.

MS-709 ..... 5.00 Down ..... Net 24.95



## SCHAUER VACUUM AND FUEL PUMP TEST INSTRUMENT—Model A-8060

Large dial indicates 30-inch vacuum and 7 pounds pressure. Diagnoses engine troubles such as idle adjustment, leaky valves, clogged muffler, valve timing, fuel pump vacuum and pressure, cylinder balance, gas line leakage, etc. Easy-to-read graduations; equipped with 4 feet of high-quality rubber hose with taper vacuum fitting and all other necessary fittings. Operating instruction manual included. Shpg. wt., 1½ lbs.

MS-711 ..... Net 6.40



## CHARGE TIMER—Model A-6642

Permits leaving the charger on over long periods of time, unattended. Contains a timer which can be set for any period up to 12 hours. The battery can be left on charge; at the end of the selected period charge shuts off, and low-rate trickle charge is introduced to maintain battery in fresh condition until disconnected. Will not harm battery. Shpg. wt., 1 lb.

MS-712 ..... 5.00 Down ..... Net 20.75



## "LITTLE GIANT" SPARE AIR TIRE INFLATER

A compact emergency air pump which inflates flat tire in seconds. Simple to use—no tools necessary. Avoid costly towing charges, damage to tires and wheels. No need to change tires under difficult or hazardous conditions. SPARE AIR lets you drive to the service station or your destination. For carefree motoring, be prepared—carry SPARE AIR. Shpg. wt., 1 lb.

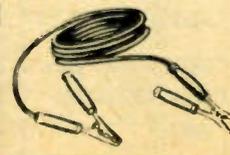
MS-721 SPARE AIR List 2.98 ..... Net 2.29  
MS-722 Refill List 1.98 ..... Net 1.39



## BATTERY BOOSTER CABLES

Standard equipment for starting stalled cars, charging batteries, etc. Made with heavy duty, flexible rubber-covered 4 gauge wire. Rugged copper-clad positive action grips identified by Black and Red heavy vinyl covered handles. Shpg. wt., 3 lbs.

MS-490 8 ft. long, set of 2 ..... Net 2.60  
MS-491 12 ft. long, set of 2 ..... Net 3.15  
MS-492 Battery Booster Clip only (specify Red or Black) ..... Net .49



# SHURE

# MICROPHONES FOR BROADCASTING • PA • AND GENERAL PURPOSE APPLICATIONS



555



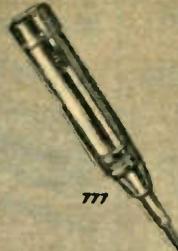
333



315



535



777



737A



51

### 555 CARDIOID DYNAMIC MIKE

Sturdy dynamic mike, withstands shock, high heat and humidity. Cardioid pickup pattern attenuates noise and reduces feedback. 35-50 ohm, 150-250 ohm or hi-Z output. Response: 50-15,000 cps; output is -60 db. Swivel mounted case, with standard 1/4"-27 thread mount and 20 ft. cable. Size: 3 5/16" x 2 3/16" x 3 1/16". Shpg. wt., 4 1/2 lbs.

M-100 Net 48.80

5565 Specially constructed deluxe version of above. Guaranteed response ±2 1/2 db from 40 to 15,000 cps. Has special rubber mounting to reduce vibration pickup.

M-101 Net 79.38

### 333 UNIDIRECTIONAL RIBBON MIKE

A professional ribbon microphone for the most exacting user. Guaranteed response ±2 1/2 db, 30-15,000 cps. Voice-Music switch provides flat response for music, or a specially shaped response curve for voice. Ultra-cardioid pattern greatly reduces background noise. Output impedances of 50, 150 or 250 ohms. -60 db sensitivity. Special rubber mounting reduces vibration pickup. Non-reflecting finish, 20 foot detachable cable. Size: 3 9/16" 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.

M-103 Net 70.56

### 300 BI-DIRECTIONAL RIBBON MIKE

A rugged high fidelity mike for professionals and amateurs. Response ±2 1/2 db, 40-15,000 cps. 20 db lower pickup from sides than from front or rear. Low, medium, or high impedance selected by internal switch. Has Voice-Music switch. Output level: -57 db. Bronze finish standard 1/4"-27 threaded swivel, shock mount, 20 ft. cable. Size: 6" x 1 7/16" x 1 3/32". Shpg. wt., 3 1/2 lbs.

M-131 Net 88.20

315 Economy version of above, less Voice-Music switch and rubber shock mount. Response: 50-12,000 cps.

M-110 Net 52.63

### 737A CRYSTAL CARDIOID

A high output, high impedance crystal microphone. Cardioid pattern attenuates background noise. Moisture proof seal protects crystal and assures long life. 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 3/32" 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 adapter. Satin-chrome finish. 7 1/4" long, 1" dia. Shpg. wt., 3 lbs.

M-112 Net 42.63

### 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 adapter, 7 ft. removable shielded cable. Satin chrome finish. 4 1/2" long, 1" dia. Shpg. wt., 1 1/2 lbs.

M-120 Net 14.70

7775 Same as above, but has added On-Off Switch.

M-121 Net 15.88

### 538 DESK STAND

M-122 For models 777 and 7775. 1 1/2 lbs. Net 2.65

### A25 SWIVEL ADAPTER

For models 525, 535, 777, 7775. For use with standard floor or desk stand. Shpg. wt., 8 oz.

M-123 Net 3.23

### 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 1/4"-27 thread. Satin chrome finish, 15 ft. cable and connector. Shpg. wt., 3 1/4 lbs.

M-124 Net 29.11



520SL

707A

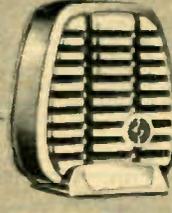
505B



505T



715  
215



710A  
510C



MC11



R5

### 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. 3/4" - 27 thread. Size 3 1/4" long, 2 1/2" dia. Shpg. wt., 2 lbs.

M-104 Net 11.47

520 Magnetic version of above, immune to hot weather. Response: 100-9000 cps, output -52.5 db.

M-105 Net 13.23

### 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 for permanent connection. Easy to operate. Chrome and green finish. 7 ft. Cable. 9 1/2" high, 5" wide, 7" deep. Shpg. wt., 5 lbs.

M-106 Net 25.46

### 505B "RANGER" MIKE

Rugged handheld magnetic mike for outdoor PA or for mobile radio. 200-8000 cps. -50 db output level. With DPST "Push-to-talk" switch, 150-250 ohm impedance, 5 ft. cable. 3 1/4" high, 2 1/4" wide, 1 1/2" deep. Shpg. wt., 1 1/2 lbs.

M-107 Net 18.82

M-108 High impedance version of above. Net 18.82

### 505T TRANSISTORIZED "RANGER"

Magnetic microphone complete with built-in transistor amplifier. Directly replaces a carbon mike. Response 200-4000 cps. Output -1 db into 500 ohm load. Push-to-talk switch, 5 foot coiled cable. 3 1/4" x 2 1/4" x 2 1/32". Shpg. wt., 1 1/2 lbs.

M-109 Net 28.52

### 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 1/2" x 2 1/2" 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 adapter, 7 ft. cable. Burgundy red case, 3 1/2" x 2 1/2" x 1 1/4". Shpg. wt., 1 1/2 lbs.

M-115 Net 8.23

710A Same as above, but less switch. Net 8.06

M-116 Net 7.06

### 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 1/2 lbs.

M-119 Net 3.82

### MC11 1" MINIATURE MIKE

Specialty 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., 12 oz.

M-125 Net 7.35

### MC20 1" MINIATURE MIKE

Similar to MC11, but rectangular. 400-4500 cps, -75 db output into 1100 ohm impedance. 1/2" wide, 1" long, 5/16" thick, 1 1/2" long leads. Metal cased. Shpg. wt. 12 oz.

M-126 Net 8.23

### 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

### A86A 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 1/4" long, 3/4" dia., 2 ft. of cable. Shpg. wt., 2 lbs.

M-129 Net 10.29

### C15C RETRACTING MICROPHONE CABLE

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 Net 3.67

YOUR ORDER IS SHIPPED AT THE CURRENT PRICE SO THAT YOU BENEFIT FROM ANY PRICE REDUCTION

Page 239

# MICROPHONES

*Fine Quality At History Making Prices!*

## HIGH QUALITY TOP NOTCH CRYSTAL MICROPHONE



COMPARE IT WITH ANY MIKE AT 2 TO 3 TIMES THE PRICE

**3.95** each singly, ea.  
in lots of 3 **4.25**

Lafayette makes history with a high quality CRYSTAL MICROPHONE at a price that is 60% 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  $\frac{1}{4}$ "—27 thread. Grill diameter  $2\frac{1}{4}$ ", depth  $\frac{1}{4}$ ", height  $\frac{1}{2}$ ". Shpg. Wt.  $3\frac{1}{2}$  lbs.

PA-24—In lots of 3, each **3.95**  
Singly, each **4.25**

## STUDIO CRYSTAL MICROPHONE

- DUAL CRYSTAL CARTRIDGES
- ALL DIRECTIONAL
- FINE QUALITY
- HIGH OUTPUT

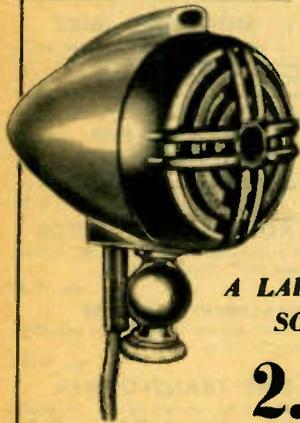


**5.75**

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  $\frac{1}{4}$ "—27 thread. Overall size 7" H x 3" W complete with 4 ft. cable. Shpg. wt. 4 lbs.

PA-17.....Net 5.75

## NEW! TOP QUALITY CRYSTAL MIKE



A LAFAYETTE SCOOP!

**2.95**

A new, attractively styled crystal microphone for all general applications such as public address and home recording—at a history making low priced Frequency response 30-10,000 cycles. Output level—52 db. Tilting head, attractive plastic case. Can be used on any stand with  $\frac{1}{4}$ "—27 thread. Completely equipped with 5 ft. plastic covered shielded cable. Grill diam.  $2\frac{1}{4}$ ", depth  $3\frac{1}{2}$ ", height 4". Shpg. wt., 2 lbs. One of the best buys in the country! PA-42.....Net 2.95

## SLIM CRYSTAL MICROPHONE

NEW!



CRYSTAL MIKE ON STAND

**3.95**

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.

PA-45—Microphone Complete with Stand.....Net 3.95

## NEW "DYNA-SLIM" MICROPHONE

- HIGH IMPEDANCE — 50,000 OHMS
- ON-OFF SWITCH
- "QUICK-SLIP" ADAPTER

**6.95**

New dynamic, high output microphone with all the features of "mikes" costing 3 times 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  $\frac{1}{4}$ "—27 adapter permits fitting mike for multi-angle use. Satin black and chrome finish. Complete with detachable cable and connector. 8" long,  $1\frac{1}{2}$ " max. dia. tapered barrel 7". Shpg. wt., 2 lbs.

PA-43.....Net 6.95

## NEW! CRYSTAL MICROPHONE WITH BUILT-IN VOLUME CONTROL



VOLUME CONTROL

**3.95**

- SAVE STEPS AND EXTRA PERSONNEL BY LOCALLY CONTROLLING THE VOLUME OF A REMOTE AMPLIFIER
- EASILY REPLACEABLE CARTRIDGE AND VOLUME CONTROL

A high quality crystal microphone for use with P.A. systems recorders and other applications. Permits fingertip control of the volume of a remotely located amplifier. This is a full size attractive unit with real eye appeal to complement its excellent performance—and at about one-third of the price of comparable microphones. The microphone has a frequency response of 30-10,000 cycles and output level of 52 db. Comes with 5 ft. shielded cable. Has  $\frac{1}{4}$ "—27 thread fitting for mike stand. Handsome black high-impact resistance plastic case with chromed grill. Size  $2\frac{1}{2}$ " H x 4" D x  $2\frac{1}{2}$ " grill diameter. Shpg. wt., 2 lbs.

PA-44—Microphone.....Net 3.95



NEW! STUDIO DYNAMIC MICROPHONE IDEAL FOR HOME, OFFICE OR BROADCASTING STUDIO USE

**11.95**

- 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 proves itself ideal for a wide variety of applications, such as tape recording, church, choral treups and theatrical use. The 360° stirrup shaped bracket provides for mounting with any  $\frac{1}{4}$ "—27 thread floor, desk stand or boom mount. Finished in an attractive gunmetal grey the microphone is supplied with  $4\frac{1}{2}$ ' shielded cable. Shpg. wt., 1 lb.

PA-49 STUDIO DYNAMIC MICROPHONE.....Net 11.95



NEW! CRYSTAL THROAT MICROPHONE

ONLY **1.95**

- HIGH SENSITIVITY—HIGH OUTPUT
- FOR USE WITH ANY AMPLIFIER OR TRANSMITTER WITH CRYSTAL MIKE INPUT
- IDEAL FOR AIRCRAFT, AMATEUR, INDUSTRIAL COMMUNICATIONS, AUCTIONS, PITCHMEN, CARNIVALS, SALESMEN
- COMPLETE WITH NECKSTRAP—LEAVES HANDS FREE!

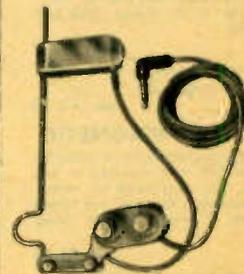
A crystal throat microphone with a myriad of uses! Its high sensitivity and high output permits its use with any standard high impedance crystal microphone input. Its relatively wide frequency range provides a high degree of intelligibility for voice in public address or communications work. Requires no special power supply as do carbon-type throat mikes. Complete with flexible neckband and flexible  $5\frac{1}{2}$ ' cable (less connector). Shpg. wt.,  $\frac{1}{2}$  lb.

PA-14.....Net 1.95

## GUITAR MICROPHONE

MAGNETIC TYPE ALNICO V MAGNET

**7.95**



Complete with Individual Volume Controls

FOR GUITAR WITH F HOLES

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 phone plug for connection to amplifier. Shpg. wt.,  $2\frac{1}{2}$  lbs.

PA-38—Guitar Microphone.....Net 7.95

# MICROPHONES Save from 50% to 75% !!!

REG. VALUE ~~49.50~~  
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  $\frac{3}{8}$ "-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.

PA-46 .....Net 11.95

## ARGONNE ALL-PURPOSE DYNAMIC MICROPHONE

- DUAL IMPEDANCE—250 & 50,000 OHMS
- USABLE RESPONSE 50-18,000 CPS
- FOR HAND-HELD, DESK OR FLOOR STAND USE
- IDEAL FOR TAPE RECORDING, PAGING, COMMUNICATIONS

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 1 1/2" base by means of a 360° swivel adjustable ball joint and fitted with an adaptor for standard  $\frac{3}{8}$ "-27 floor stand. **SPECIFICATIONS:** FREQUENCY RESPONSE—Practically flat 80-10,000 cps;  $\pm 5$  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  $\frac{3}{4}$ ". Base diam. 4-13/16", 1 3/4" high. Shpg. wt., 6 lbs.

AR-3—Dynamic microphone, complete with base, floor stand adapter, and 8' cable.....Net 15.95



COMPLETE WITH  
BALL-JOINT  
DESK STAND

### 3 WAY SLIM CRYSTAL MICROPHONE

- May be hand-held, stand mounted or suspended by lavalier cord!
- Frequency 60-10,000 CPS
- On-Off Switch

A tremendous value! Unique design, only  $4\frac{3}{8}$ " L x  $1\frac{1}{2}$ " diam. Comes complete with swivel adaptor 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.

PA-31  
Singly Each ..... **3.95**

### NEW DYNAMIC MICROPHONE FOR DESK-TOP, HAND HELD, OR LAVALIER USE

Reg. Value 29.50—NOW! only **6.95**

- HIGH IMPEDANCE—50,000 OHMS
- RESPONSE—40-9,500 cps

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  $1\frac{1}{4}$ " diam. housing with 5 ft. shielded cable.

PA-48—Shipping 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

The latest design in slim type microphones. A high-output dynamic mike of exceptional quality. Has very smooth response from 50-11,000 cy. etc. Built-in external switch gives you choice of either high impedance (50,000 ohms) or low impedance (250 ohms). Omni-directional tiltable head. Bracket has standard  $\frac{3}{8}$ "-27-thread for use on stand. This bracket is instantly removable so mike can be handheld. Has cast case with satin-chrome finish and acoustically correct grille head. Ruggedly constructed. Size: 8" long,  $1\frac{1}{4}$ " diam. barrel. Shpg. wt., 2 lbs.

PA-29 .....In lots of 3, Each **9.25**  
Single, Each **9.95**

### 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  $1\frac{1}{2}$ " 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 .....Net 1.95

### CRYSTAL MICROPHONE CARTRIDGE

- 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 JT 30 etc. Overall diameter  $2\frac{1}{8}$ ", depth  $\frac{1}{2}$ ". Output—62 db. Excellent frequency response. Shpg. wt. 8 oz.

Singly each **1.49**

PA-27 .....Net 1.49

### MINIATURE CRYSTAL MICROPHONE

# 1.49

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  $1\frac{1}{4}$ " Diam. x  $5/16$ " deep. Imported to save you money. Shpg. wt., 6 ozs.

MS-108 .....Net 1.49

### 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 can 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  $1\frac{1}{2}$ " L x  $\frac{3}{8}$ " W x  $\frac{3}{8}$ " D. Complete with 7 ft. shielded cable. Shpg. wt., 12 ozs.

PA-35 ..... **1.49**

### 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, ukuleles, 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:  $1\frac{1}{2}$ " L,  $1\frac{1}{2}$ " W,  $5/16$ " D. Shpg. wt., 12 ozs.

PA-41 .....Net 1.95

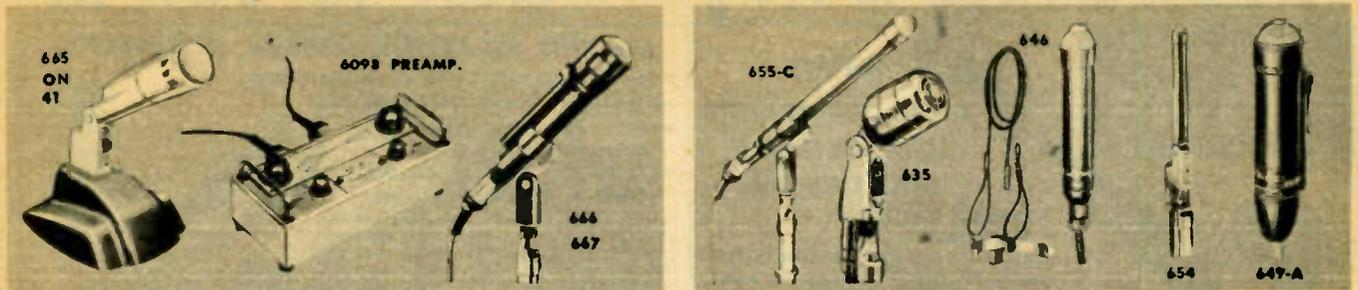
### SUBMINIATURE CRYSTAL MICROPHONE

Only **1 3/8 x 1 x 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.

PA-40 .....Net 1.49

# Electro-Voice QUALITY MICROPHONES



## New! Model 652 "Thin Trim" Dynamic Microphone

A unique design for an almost invisible dynamic microphone. The microphone is mounted on the end of 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". Shpg. wt., 1 lb. Supplied less stand.

M-16 ..... 7.06 Down ..... Net 70.56  
 Model 652A. Same as above, except 15" long.  
 M-17 ..... 7.06 Down ..... Net 70.56  
 Model 653. Same as Model 652A except adjustable desk stand integral part of microphone. Shpg. wt., 2 1/2 lbs.  
 M-18 ..... 7.64 Down ..... Net 76.44

## NEW!



### 644 "SOUND SPOT" UNIDIRECTIONAL LINE MICROPHONE

A combination cardioid and distributed front opening makes this the most directional microphone ever. Has 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 2-3/16", length 16" cable is 18". Shpg. wt., 3 lbs.  
 M-25 ..... 6.47 Down ..... Net 64.68

## BROADCAST-TV-RECORDING MICROPHONES CARDIOID UNIDIRECTIONAL DYNAMICS

### 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. Acoustical 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 3/8"-27 stands. Shpg. wt., 2 lbs.

M-10 ..... 15.00 Down ..... Net 149.94

### 666R RISING RESPONSE CARDIOID

Similar to 666, but has a 4 1/2 db boost from 100 to 2000 cps to reduce low-frequency room reverberation pickup. Reduce room "rumbles" and prop noise. Output is—50 1/2 db. Shpg. wt., 2 lbs.

M-11 ..... 15.00 Down ..... Net 149.94

### 6098 TRANSISTOR LINE AMPLIFIER

Can be used with any EV low-impedance microphone to increase dynamic range and lower system noise. wt., 1 lb.

M-12 ..... 15.82 Down ..... Net 158.17

### 667 VARIABLE RESPONSE CARDIOID

Features very wide, smooth frequency response from 35 to 16,000 cps and efficient cardioid field pattern which discriminates against background noise and retains "presence" even if sound source is far away. Includes transistor preamplifier-remote control unit for greater output and frequency control flexibility. Transistor remote control unit operates up to 350 hours on small mercury battery. Has separate bass and treble controls, gain control and presence switch. Output level variable from—30 to—48 db, operates into 50, 150 or 250 ohm load. Dynamic range is 120 db; Noise level,—123 dbm. Supplied with 20 ft. and 50 ft. cables, adapter for 1/2" or 3/8"-27 stands, and hardwood carrying case. Size: mike 7 1/2" x 1 1/4" dia., preamp 9" x 3 3/4" x 3 3/4". Non-reflecting gray case. Shpg. wt., 4 lbs.

M-19 ..... 35.28 Down ..... Net 352.80

### MODEL 665 CARDIOID

Economy version of Model 666 Variable "D" mike. 40-15,000 cps.—55 db output level, 50 or 250 ohm output impedance, balanced line output. Swivel mounting, standard 3/8"-27 thread. Heavy die cast case, non-reflecting gray finish, 18 ft. 3 conductor cable. 7 1/2" long, 1 1/8" dia. Shpg. wt., 2 lbs.

M-20 ..... 8.82 Down ..... Net 88.20

### 664 VARIABLE "D" DYNAMIC MICROPHONE

New variable "D" (variable distance) microphone developed specially for PA work. This cardioid microphone provides a very high front-to-back signal ratio to reduce noise, echo, and feedback problems. Blast filter and special construction permit close talking without booming bass or distortion. Acoustical diaphragm shielded against dust and magnetic particles. Response 40-15,000 cps; output level—55 db. Output impedance easily changed from high impedance to 150 ohms by changing connection of internal terminal board. Satin chrome finished case, with On-Off switch and removable 18 ft. cable. 7-3/16" long, 1 1/8" dia. Shpg. wt., 2 lbs.

M-26 ..... 5.00 Down ..... Net 49.98

## SPECIAL PURPOSE & DIFFERENTIAL MICROPHONES

### 600-D DYNAMIC

Semi-directional, rugged microphone designed to snugly fit into hand. Output level—55 db. Press to talk switch. 50 ohm, 250 ohm or Hi-Z impedance (specify when ordering). 2 1/4" x 2" x 4", 5 ft. cable. Shpg. wt., 3/4 lb.

M-27 ..... 5.00 Down ..... Net 27.93

### 606 DIFFERENTIAL DYNAMIC

Noise-cancelling mike for close talking. 100-5000 cps.—55 db output, standard thread, chrome finish. 50 ohms, 250 ohms or Hi-Z (specify when ordering). With 18 ft. cable. Shpg. wt., 2 lbs.

M-28 ..... 5.00 Down ..... Net 30.87

### 648 DYNAMIC

For paging, intercom or PA. Mounts on desk, floor stand or 448 boom (below). 50-10,000 cps. Output—58 db. Choice of 50, 150, or 250 ohm impedance. Non-directional, gray case, less cable. Shpg. wt., 1/2 lb.

M-29 ..... 5.00 Down ..... Net 32.93

448—Swivel Boom mount for 648 microphone. 12" long. Shpg. wt., 1 1/2 lb.

M-30 ..... 5.00 Down ..... Net 14.11

## OMNIDIRECTIONAL DYNAMIC MICROPHONES

### 655-C "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 1/2" dia., 10 3/8" long. Complete with adapter for 1/2" and 3/8"-27 stands and with 20 ft. shielded cable. Shpg. wt., 1 1/2 lbs.

M-13 ..... 11.76 Down ..... 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 ..... 5.88 Down ..... Net 58.80

### 635 BROADCAST DYNAMIC

Compact, rugged and versatile, omni-directional mike. Response 40-15,000 cps. Output level—55 db. Impedance selector for 50 or 250 ohms. Swiveled base with 3/8"-27 thread, Cannon XL-3 connector, 18 ft. cable. 2" dia., 6 1/4" long. Shpg. wt., 1 1/4 lbs.

M-15 ..... 5.00 Down ..... Net 48.22

### 649-A MINIATURE LAVALIER

New improved miniature microphone weighing only 2 oz. 3 3/4" long, 3/8" dia. Very inconspicuous, ideal for audience participation shows. 60-12,000 cps.—60 db output level, non-directional, low impedance. TV gray finish. Includes neck strap, belt clip, and 30 ft. cable. Shpg. wt., 1 lb.

M-21 ..... 6.17 Down ..... Net 61.74

### 646 LAVALIER DYNAMIC

Small dynamic mike for hand, stand or chest use with lavalier cord supplied. 50-10,000 cps, output level—57 db, choice of 50, 150 or 250 ohms impedance. Omni-directional. Gray finish, built-in connector. 7-1/16" x 1" dia. Shpg. wt., 1 lb.

M-22 ..... 8.67 Down ..... Net 86.73

## ACCESSORIES

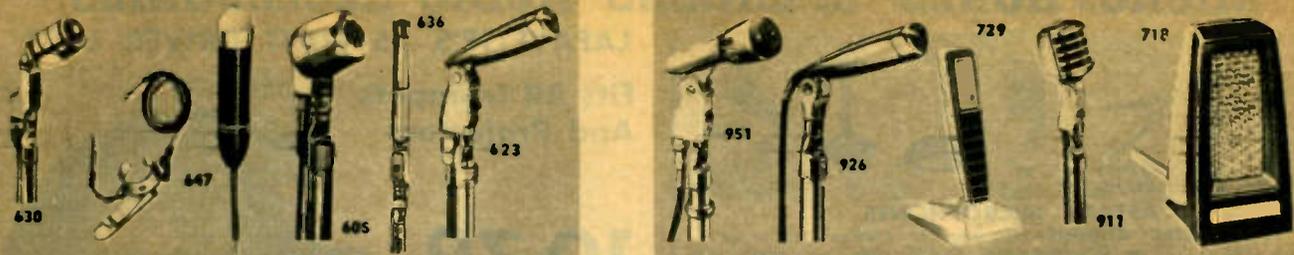
524 WIND SCREEN. Used with 666 microphone. Minimizes wind effect. Shpg. wt., 2 oz.

M-23 ..... 4.70 Down ..... Net 47.00

346 SUSPENSION SHOCK MOUNT. For mounting Models 666 or 667 on mike boom. Shpg. wt., 1 lb.

M-24 ..... 5.00 Down ..... Net 23.52

# POPULAR PRICED MICROPHONES *Electro-Voice*



## GENERAL PURPOSE OMNIDIRECTIONAL DYNAMIC MIKES

### 636 "SLIMAIR" DYNAMIC

Slim omni-directional mike for PA or recording. Acoustically 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 3/4"-27 stand. With 18 ft. cable and connector. 1 1/4" dia., 10 1/4" long. Shpg. wt., 2 1/2 lbs.

M-31 ..... 5.00 Down ..... Net 42.63

### 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, tiltable head, chrome finish. 50 ohm, 250 ohm or Hi-Z output. 2" dia., 6 1/4" long. Shpg. wt., 3 lbs.

M-32 ..... 5.00 Down ..... 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. Either 150 ohms or Hi-Z output (specify when ordering). Gray enamel finish, 18 ft. cable. 5" long, 1" dia. Shpg. wt., 1 lb.

M-33 ..... 5.00 Down ..... 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. 3/4"-27 thread, removable 18 ft. cable. Shpg. wt., 2 lbs.

M-38 ..... 5.00 Down ..... Net 33.52

### 605 DURABLE DYNAMIC

Non-directional, general purpose mike, 65-8000 cps. Output level —55 db. Choice of 50 ohms, 250 ohms, or Hi-Z. 18 ft. removable cable, chrome finish. Head set at 22° fixed tilt. Has standard 3/4"-27 thread. 3 1/4" long, 2" dia. Shpg. wt., 1 lb.

M-39 ..... Net 19.11

### 615 "CENTURY" DYNAMIC

Incomparable for paging, home recording, or any low cost applications. Can be used on stand or in hand. Non-directional. Acoustically diaphragm. Response 80-8000 cps. Output —55 db, 50 ohms or Hi-Z. Lo-Z not balanced to ground. 5' cable. Rugged, light weight. Pressure cast case, satin chrome. Size: 3 x 2-3/16 x 1". AC-DC insulated. Shpg. wt., 1 lb.

M-40 ..... Net 14.99

## 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 3/4"-27 mount and cable connector. 18 ft. cable is removable. 5 1/2" long, 1 3/4" dia. Shpg. wt., 3 lbs.

M-34 ..... 5.00 Down ..... Net 29.11

### 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, tiltable head, standard thread. 6 3/4" x 1-5/16", 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. 3-5/32" long, 1-7/32" 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 1/4". 5' cable. Shpg. wt., 6 oz.

M-34 ..... 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" x 1 1/2" x 1 1/4". Shpg. wt., 1 1/2 lbs.

M-41 ..... Net 10.58

727S—Same as Model 727, but includes On-Off switch

M-42 ..... Net 11.76

### 715 "CENTURY" CERAMIC

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.

M-44 ..... Net 8.82

### 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, 3/4"-27 thread. 18 ft. cable. Shpg. wt., 1 lb.

M-46 ..... Net 16.17

## NEW! 729 CERAMIC CARDIOID

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 —55db. Response 60 to 8,000 cps. High impedance only. May be used in any climate. Available with or without "on-off" switch. Metalustre gray front with medium gray back. Supplied with attractive desk stand and floor stand. Shpg. wt., less cable and stand, 13 oz.

M-47 ..... Net 14.41

Model 729S. Same as above, but includes on-off switch.

M-48 ..... Net 15.58

## STANDS AND ACCESSORIES

419 DESK STAND. Accommodates Models 664, 665, and others. Gray. Shpg. wt., 3 lbs.

M-51 ..... Net 5.88

420 DESK STAND. Specifically for models 666, 655-C, 646, and other 1" dia. mikes. Gray. Shpg. wt., 4 lbs.

M-52 ..... Net 11.76

415 DESK STAND. For models 615 and 715. Shpg. wt., 6 oz.

M-53 ..... Net 1.03

502A CABLE MATCHING TRANSFORMER. Matches 50, 250, or 500 to Hi-Z amplifier input. 40-20,000 cps ± 1 db. MC-4 connectors. 2 3/4" x 2" dia. Shpg. wt., 1 lb.

M-49 ..... Net 10.29

418 DESK STAND. Desk stand for use with microphones having small type stud, such as 611, 623, 630, 635, 636, 911, 950. Gray finish. Shpg. wt., 4 lbs.

M-50 ..... Net 5.88

## NEW! TURNER 250 TRIPLE-SWITCHING COMMUNICATION MICROPHONES



These new microphones are designed for use in police dispatch, control tower, taxi stands, paging system, and other communication fields. All units feature single unit die-cast construction with chrome finish, plus the triple-switching action. Push-to-talk, slide-lock, and lift switch permit greatest speed and convenience in any dispatching or public address work. Model 250. Wired to operate both mike and relay circuits at a touch. Smooth response from 100 to 10,000 cps. Output level —54 db. High impedance. Complete with 20 foot 3-conductor cable. Shpg. wt., 2 lbs.

M-66 ..... 5.00 Down ..... Net 27.34

Model 251. Same as above, but has 150 ohms impedance and 20 foot 4-conductor cable. Shpg. wt., 2 lbs.

M-67 ..... 5.00 Down ..... Net 27.34

Model 256. A crystal version of 250. Output level —51 db. Response 60 to 8000 cps. Complete with 20 foot 3-conductor cable. Shpg. wt., 2 lbs.

M-68 ..... 5.00 Down ..... Net 34.30

## AMPERITE "KONTAK" MIKES



### SKM CONTACT MICROPHONE

Specialized designed for pickup from musical instruments. Easily attached to instrument without tools. High output level of —40 db sufficient for both high and low gain amplifiers. Response 40-9000 cps. High impedance. Moisture-proof rubber case. 15 ft. cable. Shpg. wt., 2 lbs.

M-60 ..... Net 7.06

M-61. KKH—As above, with built-in volume control. Net 10.58

KF FOOT VOL. CONTROL—change volume as you play. Shpg. wt., 1 lb.

M-62 ..... Net 10.58

GUITAR STRAP—Attaches mike to flat-top guitars. Shpg. wt., 4 ozs.

M-63 ..... Net 5.9

MICROPHONES ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

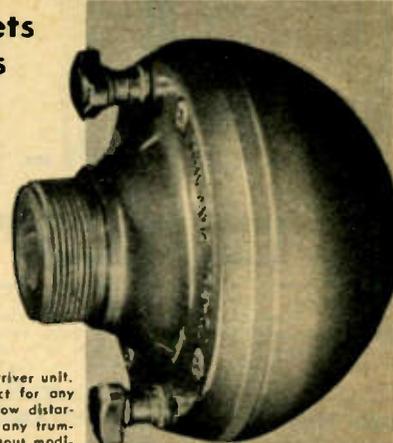
# MICROPHONES—SPEAKERS—AUDIO ACCESSORIES

## LAFAYETTE'S 25-WATT DRIVER UNIT

Fits All Trumpets  
And Projectors

# 10.79

~~18.00~~ Value



Hermetically sealed weather proof 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, 3-5/6" depth. Shpg. wt., 3 3/4 lbs. PA-57 ..... Net 10.79



### ASTATIC MICROPHONES

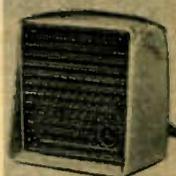
- 788 "FUTURA-METRO" DYNAMIC—Wide range, 50-13,000 cps, high or low impedance. Output—55 db, Mylar diaphragm. On-Off switch, swivel adapter with standard thread. Shpg. wt., 1 1/2 lbs. Net 46.75
- M-145 ..... 5.00 Down
- 888 "FUTURA-TEMPO" DYNAMIC—Extra wide range, 50-15,000 cps, —56 db output. High or low impedance. Black with chrome trim, swivel adapter with 3/8"-27 thread. Shpg. wt., 1 1/2 lbs. Net 46.68
- M-146 ..... 6.47 Down
- 988 "FUTURA-VOGUE" DYNAMIC—Ultra-wide range, 40-20,000 cps. Output—58 db, 50, 150, or 250 ohm impedance. Black, gold trim, 20 ft. cable, swivel adapter with standard 3/8"-27 thread. Shpg. wt., 1 1/2 lbs. Net 88.20
- M-147 ..... 8.82 Down
- AB DESK STAND—For "Futura" series microphones. Shpg. wt., 1 1/2 lbs. Net 4.85
- M-148
- 77 HI-FI DYNAMIC CARDIOID—30-15,000 cps, output—52 db, On-Off switch, 90° swivel for standard stands. Mylar diaphragm. Shpg. wt., 3 lbs. Net 48.49
- M-149 ..... 5.00 Down
- 77L—Head part of Model 77, mounts on Astatic G-stand. Shpg. wt., 3 lbs. Net 42.63
- M-150 ..... 5.00 Down
- G-77—Model 77L complete with Astatic G-stand. Shpg. wt., 7 lbs. Net 57.30
- M-151 ..... 5.73 Down
- JT-30—Popular crystal mike for home use. 30-10,000 cps, high output:—50 db, 10 ft. cable and connector, standard thread, with desk stand. Shpg. wt., 3 lbs. Net 10.82
- M-152
- 54-M3—Versatile non-directional desk mike. 30-10,000 cps, output—51 db, standard thread, matching base included. Brown and gold. Shpg. wt., 2 1/2 lbs. Net 10.55
- M-153
- M332—Low cost slim Hi-Fi crystal, wide range—30-15,000 cps. Omni-directional, —57 db output, Hi-Z. Includes stand adapter, lavalier cord, and 8 ft. cable. Chrome finish. 4 1/2" x 1 1/4" dia. Shpg. wt., 1 lb. Net 10.53
- M-154
- M332S—As above, with On-Off switch Net 11.70
- M-155

### ASTATIC M-150 RECORDER MIKE

**\$3.82**

- AMAZING PERFORMANCE AT AN AMAZINGLY LOW PRICE
- IDEAL REPLACEMENT MIKE FOR TAPE RECORDERS

A new high quality crystal microphone especially engineered for recorder use. Has a frequency response of 30-10,000 cps and an output level of —44 db. Housed in compact, lightweight, conveniently-held high-impact ivory plastic case having gold, rigidized metal grille. Comes with 5 ft. extra flexible, single conductor shielded cable. 2-3/16" x 2 1/4". M-156 (ASTATIC M-150) Shpg. wt. 1 lb. Net 3.82



### SWITCHCRAFT ADAPTERS

Shielded plug adapters for mikes & hi-fi cables

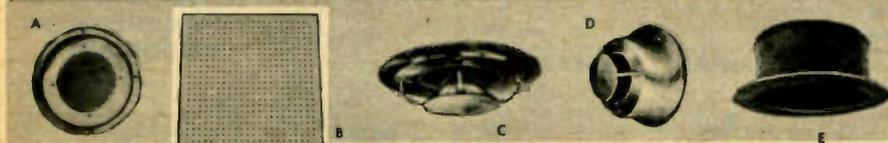


- 332—Phone jack input, female mike connector output. Net 1.03
- 334—RCA phono jack input, female mike connector output. Net .85
- 336—Phone jack input, RCA phono plug output. Net .85
- 338—Male mike connector input, RCA phono plug output. Net .85
- 342—Dual-purpose binding post/banana jack input, phone plug output. Net 1.53
- 344—RCA phono jack input, phone plug output. Net .85
- 346—Tip jack input, phone plug output. Net 1.26

### 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 2-1/6" x 1-13/16" x 1-1/16".
- 320—Microphone connector inputs and outputs. Net 4.67
- 310—Phone jack inputs and phone plug output. Net 4.67
- 8266—Cable assembly with plug and jack to use No. 310 where equipment jack is recessed. Net 2.20
- 315—Phone jack inputs and microphone connector output. Net 4.67
- 325—For recorders or amps using Jones connectors including recessed type in Webcor Tape Recorders. Net 5.85



Type M is zinc chromate undercoated and finished in flat white lacquer. All others are of aluminum with 1/2" mtg. flange and finished in satin. Type M replaces and matches a standard acoustic tile block. RS types for recessed wall mtg; AL for recessed ceiling mtg; BL for non-recessed ceiling mtg. All require baffle enclosures, except BL types, and optional for type M.

STOCK NO.	MFR. TYPE	FIG.	FOR SPKR	SIZE	LBS.	NET
PE-130	RS-6A	A	6"	10x7/16	1	2.94
PE-131	RS-8A	A	8"	12x1 1/2	1	3.26
PE-132	RS12-A	A	12"	16x2 1/2	1 3/4	4.42
PE-133	MB	B	8"	12x12 1/2	1 1/2	4.07
PE-134	AL6-A	C	6"	10 1/2" Dia.	1 1/2	4.41
PE-135	AL8-A	C	8"	12" Dia.	1 1/2	7.14
PE-136	AL12-A	C	12"	16 1/2" Dia.	3 1/2	9.00
PE-137	BL6-A	D	6"	7 1/2 x 12 1/2	3 1/2	7.64
PE-138	BL8-A	D	8"	8 1/2 x 14 1/2	4	12.94
PE-139	BL12-A	D	12"	9 1/2 x 18 1/2	6 1/2	15.88

### LOWELL WALL & CEILING BAFFLES

E. Protective Baffle Enclosures—Ceiling mounting of 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.

STOCK NO.	MFR. TYPE	FOR	I.D.	SIZE	O.D.	DEPTH	NET
PE-140	CP6	AL6A, RS6A	7"	11 1/4"	4"	4.28	
PE-141	CP8	AL8A, RS8A	8 1/2"	13"	4 1/2"	5.29	
PE-142	CP1012	AL12A, RS12A	12 1/2"	17 1/2"	7"	7.25	
PE-143	XCP6	AL6A, RS6A	—	7"	4"	3.77	
PE-144	XCP8	AL8A, RS8A	—	8"	4 1/4"	4.73	
PE-145	XCP1012	AL12A, RS12A	—	12 1/2"	7"	6.39	



(FIG. A)

(FIG. B)

### LOWELL HI-LITES

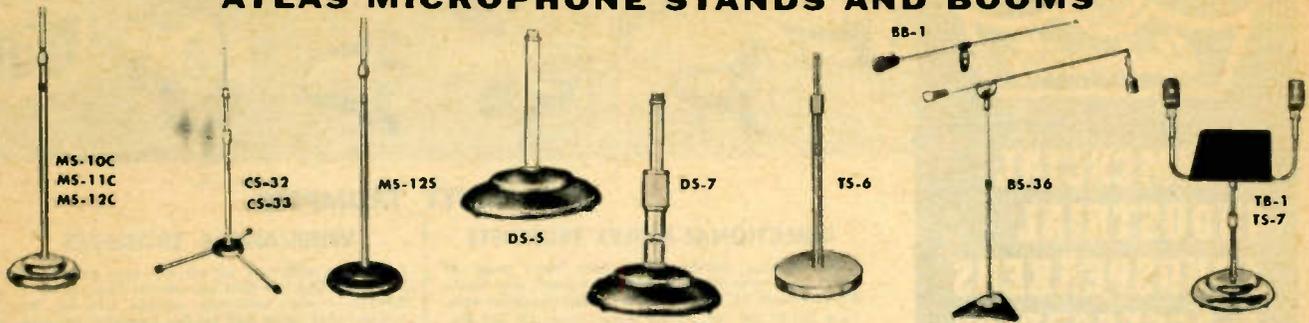
LOWELL MODEL P8F-8 (FIG. A) Make backyard living more enjoyable with the Lowell combination outdoor light and speaker baffle. Its good appearance will enhance any home. The waterproof speaker baffle has a 3/4" Jute lining and accommodates any 8" speaker. The un-wired lampshade below the baffle will accept any lamp. All finished in a black anodized weather resistant finish. Requires 2" pipe for mounting. 18 1/2" high x 14 1/2" dia. Less pipe, speaker and bulb. Shpg. wt., 10 lbs. PE-146 ..... 5.00 Down Net 36.75

LOWELL MODEL PBW (FIG. B) Same as above, but in gaslight era enclosure, and with wall bracket. 20" high x 11" deep. Shpg. wt., 14 lbs. PE-147 ..... 5.00 Down Net 41.16

LAFAYETTE SK-98 SPEAKER. Recommended for use in the above baffles. Freq. response 40-16,000 cycles. Shpg. wt., 5 1/2 lbs. SK-98 ..... Net 9.95

# 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 1/4"-27 thread. Base dia. 10", finished in gray shrivel. Height adj., 35 to 64". Shpg. wt., 9 lbs. Net 5.73

**Model MS-12C.** As above but with tube extension to 65". Shpg. wt., 12 lbs. Net 6.17

**Model MS-11C.** As above but with full chrome finished base. Net 7.64

**Model MS-125 "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. Net 12.35

**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. 1/4"-27 thread.

**Model CS-32.** Shpg. wt., 5 lbs. Net 6.76

**Model CS-33.** As above but with ht. adj. of 26-64". Collapses to 22 1/4". Net 7.94

**Model DS-5.** "Velvet Action" Desk Stand. Some quality as floor models. Base dia. 6". Finished in gun metal shrivel. Fixed ht., 4". Shpg. wt., 2 lbs. Net 1.76

**Model DS-7.** As above but with ht. adj., 8 to 13". Shpg. wt., 3 lbs. Net 2.94

**Model TS-6 Adjustable Stand.** A decorative and fine appearing stand, suitable for use on a banquet table. Features quiet "Full Grip, Velvet Action" central. Adjustable from 14 1/2" to 26". Base diameter 8". Fully chrome-finished base and tube assembly. Shpg. wt., 5 lbs. Net 5.29

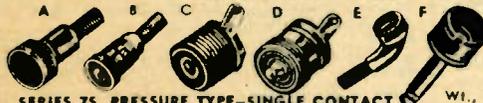
**Model BS-36 Professional Boom Stand.** Offers a removable 62" boom. "Safety Air-lock Cushion" eliminates slippage. The gyromatic swivel joint at end of boom always keeps mike in proper position. Base is 17" in diam., with shock mounted pads. Vertical adj., 48 to 72". All tubes super-chrome plated. Finished with "Snap On" hangers for holding cable to boom. Shpg. wt., 33 lbs. Shipped express only Net 37.04

**Model BB-1 "Baby Boom" Attachment.** Use with any mike stand. 32" long. 1/4"-27 thread. Chrome plated. All swivel parts are precision die castings. Shpg. wt., 3 1/2 lbs. Net 4.41

**Model TB-1 Duplex Mike Mount With Desk Attachment.** For all types of mike stands. Permits use with 2 mikes, or one mike alone either behind or off to one side of the removable desk. Metal parts in chrome and cadmium. 9" x 11" Desk is of molded composition. Shpg. wt., 2 1/2 lbs. Net 6.47

**Model TS-7 Banquet Stand (Only) For TB-1.** Adjustable stand for use with TB-1 above. 10" base. All parts chrome plated. Shpg. wt., 11 lbs. Net 6.47

## AMPHENOL MICROPHONE CONNECTORS



**SERIES 75. PRESSURE TYPE-SINGLE CONTACT** Wt., 3 oz.  
Polished chrome plated brass fittings with 1/4"-27 threads

Type	Fig.	Description	Each
75-MC1F	A	Female with coupling ring	.31
75-MC1M	B	Male. Fits above connector	.21
75-PC1M	C	Male. Non-shorting, chassis mount. Fits MC1F	.23
75-CL-PC1M	D	As above, except closed circuit	.33
75-MC1F-A	E	Angle type, female connector coupling ring. Use with PC1M, etc.	.63
75-MC1P	F	Adaptor. Connects MC1F to standard phone plug	.20

**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.

Type	Fig.	Description	Each
*80 F	G	Female cable jack	.40
*80 C	H	Female chassis receptacle	.37
*80 M	I	Male cable plug	.47
†80-MC2F	C	Female cable jack	.43
†80-PC2F	H	Female chassis receptacle	.40
†80-MC2M	I	Male cable plug	.47



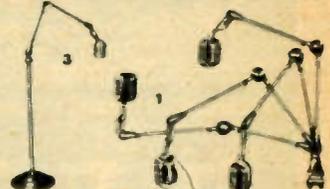
**SERIES 91. 3- AND 4- CONTACT TYPES**  
Polarized microphone connectors for portable equipment. Strain-relieving clamps. \*3-contact type. †4-contact type. Shpg. wt., 3 oz.

Type	Fig.	Description	Each
*91-MC3F	J	Female cable jack	.64
*91-PC3F	K	Female chassis receptacle	.64
*91-MC3M	L	Male cable plug	.67
†91-MC4F	J	Female cable jack	.67
†91-PC4F	K	Female chassis receptacle	.52
†91-MC4M	L	Male cable plug	.66

**"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.

Type	Fig.	Description	Each
*91-853	M	Male cable plug	1.06
*91-854	N	Female cable plug	1.25
*91-855	O	Male Chassis receptacle	.67
*91-856	J	Female chassis receptacle	1.47
*91-857	M	Male cable plug	1.00
*91-858	N	Female cable plug	1.35
†91-859	O	Male chassis receptacle	.72
†91-860	P	Female chassis receptacle	1.57

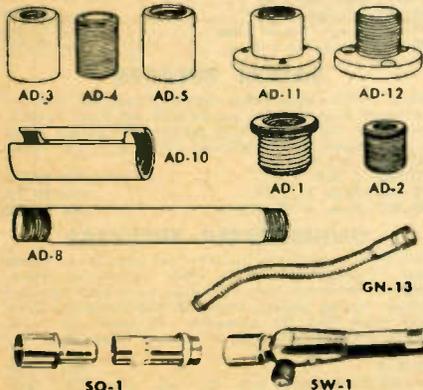
## FLEXO MIKESTER



**Flexo Model 3.** 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. 40" floor stand and heavy 13 1/2" base. Stem finished in durable royale gray. Shpg. wt., 23 lbs. M-140 Net 19.11

**Flexo Model 1.** As above but without the 40" floor stand. Clamps or screws to any horizontal or angular surface up to 3" thick. Shpg. wt., 4 1/2 lbs. M-141 Net 8.23

## ATLAS MICROPHONE ACCESSORIES



**Mike Flanges And Extension Rods.** For neat and permanent mounting. Fits 1/4"-27 mikes. Base dia., 1 1/4". 3 mounting holes with 1/8" mounting centers. Extension rods, male on both ends. Av. shpg. wt., 6 oz.  
AD-12—Male Flange ..... 41c  
AD-11—Female Flange ..... 41c  
AD-8—6" Ext. Rod ..... 41c

**Mike Adapters.** For adapting special fittings. Wt., 2 oz.  
AD-1—1/4"-27 female to 1/2" male thread (RCA) ..... 50c  
AD-2—1/4" female pipe to 1/4"-27 male ..... 35c  
AD-3—1/4" female pipe to 1/4"-27 female ..... 35c  
AD-4—1/2" long, 1/4"-27 male running thread ..... 18c  
AD-5—1/4"-27 female to 1/4"-27 female coupling ..... 35c  
AD-10—1/4"-24 female to 1/4"-27 female (W.E. Adapter) 71c  
**Model SW-1 Gyromatic Swivel.** Permits any mike to be locked at any angle. 1/4"-27 thread. 4 1/2" long. Shpg. wt., 1 1/2 lbs. Net 2.64

**Model SO-1 "Snap-On" Mike Attachment.** Quick and safe. For all mikes and stands. Two "Snap-On" sections. Shpg. wt., 1 lb. Net 1.62

**Model GN-13 Goose Neck.** 13" long for complete adjustment of mike. 1/4"-27 thread. Chrome finish. Shpg. wt., 1 lb. Net 1.62

**Model GN-19.** As above but 19" long. Shpg. wt., 1 1/2 lbs. Net 2.35

## MIKE ACCESSORIES



**(A) Switchcraft Microphone Volume Control Adapter.** Designed to reduce or increase relative volume of the microphone to workable level. For high impedance circuits using shielded single conductor cable only. Employs standard microphone connectors. Shpg. wt., 8 oz. Switchcraft—329 Net 4.09

**(B) Amphenol Mike Switch.** Attach between male and female of 75 series connectors. Push-to-talk with lock. Shpg. wt., 6 oz. Amphenol 75-MC15 Net 1.09

**(C) "Y" Connector.** Has 2 males and 1 female. Shpg. wt., 2 oz. MS-84 Net .85

LAFAYETTE'S MONEY BACK GUARANTEE IS YOUR ASSURANCE OF SATISFACTION



# COMMERCIAL INDUSTRIAL LOUDSPEAKERS & ACCESSORIES

## TRUMPETS



## POWRPAGES

## DRIVERS

## UNDERWATER



## 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 2-15/16" x 1-15/16". 2 3/4" centers. Fits into CTR housing. Shpg. wt., 1 lb.  
PE-108 ..... Net 4.12
- 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 1-15/16" x 1 3/4"; 2" centers. Fits CTR and PB-1 housings. Shpg. wt., 3/4 lb.  
PE-109 ..... Net 3.53
- MODEL CTR TRANSFORMER HOUSING AND JUNCTION BOX** — Die-cast aluminum; weatherproof. Mounts on wall or trumpet "U" bracket or will hold any University paging speaker. Shpg. wt., 2 lbs.  
PE-110 ..... Net 4.70
- MODEL PB-1 TRANSFORMER HOUSING** — Waterproof, weatherproof. For MIL, CMIL, IB and CIB paging speakers. Shpg. wt., 1 lb.  
PE-111 ..... Net 2.20
- MODEL PMA ADAPTER** attaches any University U-type mounting bracket to standard 1/2" I.P.S. threaded pipe for mounting from ceiling, stands, etc. Shpg. wt., 3/4 lb.  
PE-112 ..... Net 1.18
- MODEL 2YC CONNECTOR** adopts two compression drivers for use with single trumpet horn for uses where extra high power is required. Shpg. wt., 1 lb.  
PE-113 ..... Net 7.06



## UNIVERSITY TRUMPETS

### 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.	Mdl.	Diam.	Lng.	Air Col.	Shpg. Wt.	Net
PE-75WX	GH	30 3/4"	27 3/4"	6 1/2"	22 lbs.	42.34
PE-76	LH	25 3/4"	19"	4 1/2"	16 1/2 lbs.	26.17
PE-77	PH	20 3/4"	15 3/4"	3 1/2"	11 1/2 lbs.	19.11
PE-78	SMH	16 3/4"	12"	2 1/2"	8 lbs.	16.17

### RADIAL TRUMPETS

Efficient horn units designed for vertical mounting, they provide uniform 360° horizontal dispersion in all directions, reducing the number of speakers required for a given area. Size: RLM, 18 1/2" high, 28 3/4" dia.; RPH, 13 3/4" high, 25 3/4" dia.; RSM, 11" high, 19" dia.

Stock No.	Mdl.	L.F. Cutoff	Air Col. Length	Shpg. Wt.	Net Price
PE-81WX	RLH	120 cps	5 ft	25 lbs	34.69
PE-82	RPH	140 cps	4 ft	19 lbs	27.64
PE-83	RSM	180 cps	3 ft	13 lbs	24.11

### UNIVERSITY DRIVER UNITS

For all University trumpets. Hermetically sealed, tropicalized and weatherproof. MA-25 for general PA work; SA-HF for wider-range tonal response, superior noise penetration and greater efficiency; SA-30 similar to SA-HF but has built-in line matching transformer; PA-HF has highest efficiency and power rating; PA-50 similar to PA-HF, with built-in line matching transformer. PA-50 transformer taps: 2000/1000/500/250/165/100/16 ohms; 2.5/5/10/20/30/50 watts. SA-30 transformer taps: 2000/1000/500/250/165/45 ohms; 2.5/5/10/20/30 watts. All have 16 ohm voice coils.

Stock No.	Model	Response (CPS)	Watts	Shpg. Lbs.	Net
PE-85	MA-25	85-6500	25	3 3/4"	16.76
PE-86	SA-HF	80-10,000	30	4 1/2"	21.17
PE-87	SA-30	80-10,000	30	5 1/4"	27.93
PE-88	PA-HF	70-10,000	50	5 3/4"	27.93
PE-89	PA-50	70-10,000	50	6 1/4"	33.81

### HI-FI WEATHERPROOF COAXIALS

Complete weatherproof coax systems for fixed or mobile applications. Units include a tropicalized, heavy duty low frequency driver, a separate coaxially mounted high frequency reproducer, and an electrical crossover network. Baffled chamber and front folded horn provides optimum loading, clean bass reproduction.

- MODEL WLC HEAVY DUTY SYSTEM** for truly fine music reproduction. Response 50-15,000 cps. 30 watts continuous, 8 ohm impedance. 90° dispersion. Diameter 3 3/8", depth 20". Shpg. wt., 72 lbs.  
PE-114WX ..... Net 147.00
- MODEL BLC** for general purpose use for music and voice. Extremely shallow depth simplifies installation. Response 70-15,000 cps at 25 watts continuous, 8 ohm impedance. 120° dispersion. Diameter 2 3/4", depth 9 1/4". Shpg. wt., 21 lbs.  
PE-115WX ..... Net 52.63

**MODEL MLC COAXIAL SPEAKER SYSTEM** — For music and paging. Exceptionally natural sound. 15 watts; 150-15,000 cps; 120° dispersion; 8 ohms; 1 3/4" W x 9 1/8" H x 10 1/8" D. Shpg. wt., 10 lbs.  
PE-116 ..... Net 33.81

### PP-1 PORTABLE POWERPAGE

Ideal for police, fire, railroads, sporting events. High output, weatherproof reflex speaker. Hand microphone with 11 ft. cable. Press to talk switch; 6 volt standard batteries. Shpg. wt., 8 lbs.  
PE-117 ..... Net 55.86

**BA-161** Battery for above Burgess 4FH type (4 required). Shpg. wt., 1 1/2 lbs. ea. Net eo. .79

**PP-2 PISTOL GRIP POWERPAGE**—Aim, press, talk. Weighs only 3 1/2 lbs. incl. batteries. Employs standard pencil batteries. Built in jack for 6 to 12V from boot or auto battery. Shpg. wt., 5 1/2 lbs.  
PE-118 ..... Net 44.10

**BA-155** Battery for above Burgess 2 type. (6 required). Shpg. wt., 3 oz. ea. Net eo. .10

### WIDE-ANGLE TRUMPETS

Reflex type with long air column—good speech articulation. Cabreflex has dual exponential flare design with 2 identical 1 piece aluminum castings. CLM 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 1/2 lbs	22.54
PE-80	CLM	120 cps	4 1/2" 20"	15 lbs	27.34

### 2WPB1 — DIRECTIONAL SPEAKER

Bi-directional paging unit for providing economical coverage of two oppositely located areas with one driver unit. Adjustable mounting bracket permits aiming 10° downward or outward. Designed for use with MA-25, SA-HF, SA-30 or PA-HF driver (not included). 350 cycle low frequency horn cutoff, 120° dispersion of each horn. 8 1/2" dia. each bell, 20 1/2" long. Shpg. wt., 4 lbs.  
PE-84 ..... Net 14.46

### PAGING & TALK-BACK SPEAKERS

- Small, weatherproof highly-efficient horns and drivers for maximum penetration in noisy and large areas.
- Model 1B-A-8**—Response 250-13,000 cps; power capacity 15 watts; 8 ohm voice coil; 90° dispersion angle; 10" diam. 9 1/4" deep. Shpg. wt., 4 lbs.  
PE-90 ..... Net 20.29
- Model 1B-A-45**—Same as above with 45 ohm voice coil  
PE-91 ..... Net 21.17
- Model 1B-A-4**—Same as above with 4 ohm voice coil  
PE-92 ..... Net 21.17
- Model MIL-A**—Similar to 1B-A-8. Rated at 7.5 watts. 120° dispersion. 7-13/16" Diam. 6 1/2" Deep. 8 ohm voice coil. Shpg. wt., 3 3/4 lbs.  
PE-93 ..... Net 15.88
- PE-94—Same, 45 ohm ..... Net 16.61
- PE-95—Same, 4 ohm ..... Net 16.61
- Model M1S-8**—Compact reflex speaker similar to MIL-A-8, but designed for flange or flush mounting. 5 watts—150° dispersion 8 ohms 5 1/2" o.d.g. 4-7/16" deep. Shpg. wt., 3 1/2 lbs.  
PE-96 ..... Net 16.46
- PE-97—Same, 45 ohm ..... Net 17.20
- PE-98—Same, 4 ohm ..... Net 17.20

### WIDE ANGLE SPEAKERS

- Model C1B-8** "Cobra" horn with uniform wide angle (120° x 60°) dispersion. 300 to 13,000 cps. 15 watts swivel bracket. 7 3/4" H x 14" W x 12" D. 8 ohm voice coil. Shpg. wt., 5 1/2 lbs.  
PE-99 ..... Net 24.70
- PE-100—Same, 45 ohm ..... Net 25.28
- PE-101—Same, 4 ohm ..... Net 25.28
- Model CMIL-8**—Similar to C1B but 5 watts and 400 to 13,000 cps. Size: 6 1/4" H x 9 1/4" W x 8 1/2" D. Voice coil 8 ohms. Shpg. wt. 4 lbs.  
PE-102—8 ohms ..... Net 17.49
- PE-103—Same, but 45 ohms ..... Net 18.23
- PE-104—Same, but 4 ohms ..... Net 18.23

### RADIAL SPEAKER

- Model 1BR-8**—Small radial speaker giving 360° horizontal sound dispersion for paging and talk-back. Rugged, waterproof construction with hermetically sealed driver unit. Response 300-10,000 cps 13" dia., 10 1/4" high. Shpg. wt., 5 1/2 lbs.  
PE-105—8 ohms ..... Net 27.34
- PE-106—Same 45 ohms ..... Net 28.22
- PE-107—Same 4 ohms ..... Net 28.22

### 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.  
PE-119 ..... Net 39.69
- MM-2FUW**—For flush mtg. 6 1/2" dia. circle 7 1/4" O.D. 3 1/4" deep. Shpg. wt. 6 lbs.  
PE-120 ..... Net 39.69

# PORTABLE POWER MEGAPHONES



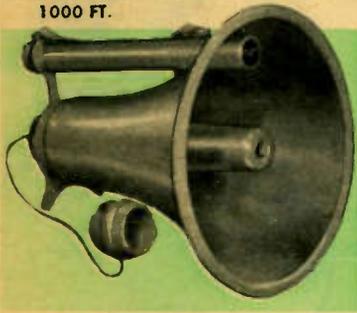
Self-Contained -  
Only 6½ lbs.  
THROWS VOICE  
1000 FT.



SHOULDER STRAP &  
DETACHABLE MIKE  
JUST AIM & TALK

## NEW! POWER MEGAPHONE PORTABLE SOUND BROADCASTER IDEAL FOR OUTDOOR HAMFESTS

- Uses 6 Flashlight Cells
- Completely Self-Contained
- Weighs only 6½ lbs. with Batteries
- High Efficiency Horn Projects Sound 1000 Ft.
- Shoulder Strap for Portability and Ease of Use
- Microphone Detachable On 4 Foot Cord
- For Construction, Auctions, Carnivals, Fire & Police Use
- Also Ideal for Marine, Railroad, Civil Defense, Sporting Events



**29.50**

A power megaphone with many unusual features and many applications. Basically a highly efficient sound projector horn with a built-in microphone, capable of amplifying and projecting the voice with a range of 1000 feet. The microphone is a telephone-type element, easily replaceable, and may be detached and extended up to 10 feet from the horn. The reflex-type horn is extremely light-weight, rubber-rimmed, of strong, sturdy spun aluminum construction with 2½" air column and is supplied with a strap for carrying or placing on the shoulder. A press-to-talk switch on the microphone provides for economy of power use—power is used only when actually talking. No warm-up time required—amplification is instantaneous. A patented non-linear current limiting device restricts current flow to safe levels for longest battery life. Uses 6 size "D" flashlight cells in series with an approximate life of about 10 hrs. of use. Battery compartment opens easily for battery replacement. Size 17" long overall; horn mouth is 12" diam. Shpg. wt., 8 lbs. less batteries.

PA-220 Power Megaphone, Less batteries..... Net 29.50

BATTERIES FOR ABOVE—Burgess No. 2 equiv. (6 required) Shpg. wt., 1 oz. eo.

BA-157..... Net eo. .13

## PISTOL GRIP POWER MEGAPHONE A LAFAYETTE SPECIAL

**29.50**

### Hand-Held Portable Sound Broadcaster!

- WEIGHS ONLY 4¼ LBS. COMPLETE WITH BATTERIES
- USES 4 LARGE FLASHLIGHT CELLS FOR EXTRA LIFE
- COMPACT ALUMINUM REFLEX HORN PROJECTS SOUND A CONSIDERABLE DISTANCE
- PATENTED CURRENT-CONTROL DEVICE EXTENDS BATTERY LIFE
- 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 4¼ 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-rimmed 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. Especially recommended for use on loading platforms, by police and fire depts., in railroad yards, at sports events, for coaching, by park attendants, by country resorts, for ship-to-ship and ship-to-shore voice communication, etc. Unit measures 12½" long; mouth diameter is 8¼". Shpg. wt., 6 lbs.

PA-182 Power Megaphone..... Net 29.50

BATTERIES FOR ABOVE—Burg. No. 2 or equiv. (8 required) Shpg. wt., 1 oz. eo.

BA-157..... Net eo. .13



## NEW! TRANSISTOR POWER 'PHONE 2-STATION TELEPHONE SYSTEM

### Lafayette Leads Again With This New TRANSISTOR Development!

- AVAILABLE FOR THE FIRST TIME—TRANSISTOR AMPLIFIED TELEPHONE HANDSETS!
- 125 MILE RANGE ON A SINGLE PAIR OF WIRES!
- EACH HANDSET HAS A COMPLETELY SELF-CONTAINED TRANSISTOR AMPLIFIER & BATTERY!
- WORKS WITH STANDARD "PENLIGHT" CELLS—NO EXTERNAL BATTERY OR POWER SUPPLY USED OR NEEDED!
- ANY NUMBER OF HANDSETS MAY BE USED IN A COMMON TALKING SYSTEM!
- THE FIRST REALLY MODERN DEVELOPMENT IN INTERCOMMUNICATION!

A revolutionary new development in telephone intercommunication, at extremely low cost, has been brought to you by Lafayette in these new transistorized telephone handsets. 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 and provided with a metal loop for hanging on the side of a desk, etc. To call, simply press the red buzzer button and listen. Your party just depresses his press-to-talk button to talk, releases to listen. Voice comes through loud and clear, with a high degree of intelligibility. All stations are connected to the same 2-wire cable, and good signals can be received up to 125 miles with #22 wire! No external power supply or battery are required—everything is self-contained in each handset, and any number of handsets can be utilized. Buzzer tone is screwdriver-adjustable. Service is extremely simple, and battery replacement (a single

**TECHNICAL SPECIFICATIONS:** AMPLIFIER CURRENT—0.2 to 0.4 ma. average; BUZZER CURRENT—60 to 90 ma.; IMPEDANCE (INPUT AND OUTPUT)—630 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 V5034 battery cell. SHIPPING WEIGHT (PER PAIR)—3½ lbs.

PA-8—2-Station Transistor Telephone System (2 units)..... Net 29.95

PA-6 Single Transistor Telephone Unit Shpg. wt., 2 lbs. Net 15.00

BA-155 Burg. Z or equiv. (1 per handset) Shpg. wt., eo. 1 Net eo. .10

Alpha 1172—2-wire cable for telephone systems, per 100' Shpg. wt., 1 lb./C'..... Net 2.41



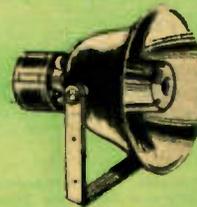
ONLY  
**29.95** PER  
PAIR

"Z" cell is used) needs no tools at all!

0.4 ma. average; BUZZER CURRENT—60 to 90 ma.; IMPEDANCE (INPUT AND OUTPUT)—630 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 V5034 battery cell. SHIPPING WEIGHT (PER PAIR)—3½ lbs.

## PAGING SPEAKER 90° DISPERSION

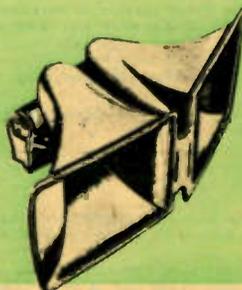
**15.75**



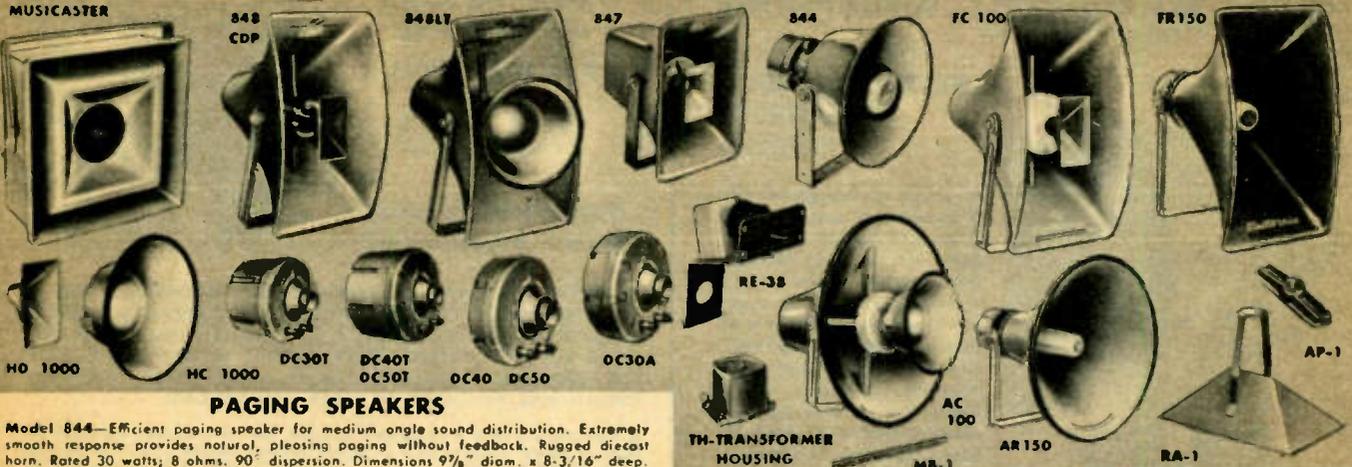
The high power handling capacity combined with maximum intelligibility make this a superior unit for paging and talk-back applications. Frequency Response 250-15,000 cps. Power capacity 30 watts. Impedance 8 ohms 90° Dispersion. Equipped with a universal mounting bracket, weather proofed, tropicalized with hermetically sealed driver unit. 9¼" diam. x 8-13/16" deep the speaker lends itself to use in any P.A. situation. Shpg. wt. 8½ lbs.  
PA-55 90° DISPERSION PAGING SPEAKER..... Net 15.75

## REFLEX TRUMPET DUAL WIDE ANGLE

**18.75**



Perfect for all indoor and outdoor P.A. Applications. Essentially a pair of exponential horns having twin air columns in a single assembly providing a wide-angle dispersion of sound—120° horizontally and 60° vertically. May be used with any amplifier. Size of bell mouth, 18½" x 9". Depth 10½". May be used with any driver. Supplied less driver unit. Shpg. wt., 10½ lbs.  
PA-53 DUAL WIDE ANGLE REFLEX TRUMPET..... Net 18.75



### PAGING SPEAKERS

- Model 844**—Efficient paging speaker for medium angle sound distribution. Extremely smooth response provides natural, pleasing paging without feedback. Rugged diecast horn. Rated 30 watts; 8 ohms. 90° dispersion. Dimensions 9 7/8" diam. x 8-3/16" deep. Shpg. wt., 8 1/2 lbs.  
**PE-10** 5.00 Down Net 20.39
- Model 844-45**—Same as 844, but with 45 ohm voice coil. Shpg. wt., 8 1/2 lbs.  
**PE-11** 5.00 Down Net 21.17
- Model 847**—Utilizes famous CDP Principle. Frequency 250-10,000 cps. Uniform Dispersion 120° x 90° area. Has two Fiberglass molded horns—each covering only half the voice range. Rated 25 watts; 16 ohms. Size: 11 1/2" x 7 1/4" x 10-7/32". Shpg. wt., 10 lbs.  
**PE-12** 5.00 Down Net 27.22
- Model 847-45**—Same as 847, but with 45 ohm voice coil. Shpg. wt., 10 lbs.  
**PE-13** 5.00 Down Net 28.12

### HI-FI OUTDOOR WEATHERPROOF SPEAKERS

- Musicoaster**—High Fidelity performance in a compact portable system. Ideal for square dances, school auditorium, clubs and outdoor hi-fi. Die cast aluminum housing, weatherproof cone, and extended bass response through back-loaded folded horn. Response 60-13,000 cps; 8 ohms; 120° dispersion; power 30 watts. Dimensions: 21 1/2" x 21 1/2" x 8 1/2". Shpg. wt., 34 lbs.  
**PE-14WX** 5.00 Down Net 47.04
- Musicoaster II**—Same as above, except wider coverage up to 18,000 cps. Has built-in Range Extender with crossover. Shpg. wt., 36 lbs.  
**PE-15WX** 6.76 Down Net 67.60
- Model MB-1** Bracket to mount Musicoaster flat against wall. Shpg. wt., 1 lb.  
**PE-16** Net 2.67

### TRANSFORMERS AND ACCESSORIES

- Model TH-Transformer Housing**. Weatherproof. For any E-V Transformer. Has manual wattage indicator. No soldering required. Size 4" H x 5" W x 3 1/2" D. Shpg. wt., 2 1/2 lbs.  
**PE-17** Net 4.70
- Model TR-5**—5 watt 70.7-volt line transformer. Primary Impedance taps 1000, 2000, 4000, 8000 ohms; 5, 2.5, 1.25 and .675 watt line power taps. 4, 8 and 16 ohms secondary impedances. Frequency responses: ±2 db 35-20,000 cps. Dimensions: 2" x 1-11/16" x 1 1/4". Shpg. wt., 1 lb.  
**PE-18** Net 2.94
- Model TR-15**—Same as TR-5 except 15-watt capacity. Primary impedances of 333, 500, 1,000, 2000 ohms and 15, 10, 2.5 watt line power taps. Dimensions: 1 3/4" H x 2 3/8" W x 2 3/4" D. Shpg. wt., 1 1/2 lbs.  
**PE-19** Net 3.50
- Model TR-30**—Same as TR-5 except 30 watt capacity. Primary impedances of 167, 250, 500, 1000 ohms, and 30, 20, 10, and 5 watt line power taps. Dimensions 1 3/4" H x 2" W x 2-5/16" D. Shpg. wt., 1 1/2 lbs.  
**PE-20** Net 4.10
- Model TR-50**—Same as TR-5 except 50 watt capacity. Primary impedances of 100, 125, 200, 333 ohms and 50, 40, 15 and 15 watt line power taps. Dimensions: 2" H x 2-5/16" W x 2 1/4" D. Shpg. wt., 2 lbs.  
**PE-21** Net 5.29
- Model AP-1**—Used to adapt E-V "U" bracket to 1/2" pipe. Shpg. wt., 1 lb.  
**PE-22** Net 1.18
- Model AD-1**—Driver adapter allows use of E-V Convertible Driver an horns with 1-7/16"-16 thread. Shpg. wt., 1 lb.  
**PE-23** Net 1.47
- Model AD-2**—Horn adapter allows use of E-V reentrant horns with drivers having 1-7/16"-16 thread. Shpg. wt., 1 lb.  
**PE-24** Net 1.77
- Model RA-1**—Radial Adapter instantly converts FC-100 horn or 848 projector to "radial" applications. Extends 2 1/2" in front of FC-100 horn with DC-30A. Shpg. wt., 1 lb.  
**PE-25** Net 2.94
- Model RE-35**—Range Extender for 848 or FC-100. Improves response and dispersion of high-30 watt capacity. Response 3500-18,000 cps. 16 ohms. Complete with crossover, mounting bracket. Shpg. wt., 4 1/2 lbs.  
**PE-26** 5.00 Down Net 22.05
- Model RE-36**—Range Extender kit. Converts Musicoaster to Musicoaster II. Includes driver, bevel, crossover and wiring harness. Shpg. wt., 4 1/2 lbs.  
**PE-27** 5.00 Down Net 23.51
- Model 879**—Joining Kit for two or more 848, 848LT or FL-100 horns in multiple array. One kit required for each junction of two horns. Shpg. wt., 1 lb.  
**PE-28** Net 1.62

### PROJECTOR HORNS

- Exclusive compound horns permit widest range of lowest distortion, plus complete directional control of both highs and lows.
- Model FC-100**—Similar to the CDP, but with 2 diffraction horns for uniform wide-angle coverage and reduced distortion. Flexible coverage control provided by individual adjustment of each horn. Large horn is of molded Fiberglass. Use any E-V driver. Specifications: Low-frequency horn cut-off 100 cps; taper, 100 cps; air column length 54"; sound distribution 80°; High Frequency sound distribution 90° x 130°. Crossover 1,000 cps. Mouthsize 10 1/2" x 20 1/2" depth (less driver), 20". Shpg. wt., 13 1/2 lbs.  
**PE-29WX** 5.00 Down Net 27.93
- Model AC-100**—Concentrating version of CDP. Some specifications, characteristics and dimensions as FC-100, except utilizes round horns for most concentrated coverage with greatest efficiency. Shpg. wt., 13 1/2 lbs.  
**PE-30WX** 5.00 Down Net 26.17
- Model HD 1000**—Diffraction horn for converting AC 100 to wide-angle (60° x 120°) coverage above 1,000 cps. Shpg. wt., 1 1/2 lbs.  
**PE-31** Net 3.82
- Model HC 1000**—Concentrating horn for converting FC 100 to concentrated (30°) coverage above 1,000 cps. Shpg. wt., 4 lbs.  
**PE-32** Net 5.88
- Model 848**—Combines FC100 Compound Diffraction Horn plus DC 30 Compound Driver for a wide angle sound with extremely low distortion. Specifications: Frequency response 150-10,000cps; impedance 16 ohms; dispersion 90° x 120°; power handling capacity 30 watts. Dimensions 10 1/2" x 20 1/2" x 20 1/2" x 20". Shpg. wt., 17 lbs.  
**PE-33** 5.00 Down Net 44.10
- Model 848-45**—Same as 848, but with 45 ohm voice coil.  
**PE-34** 5.00 Down Net 44.99
- Model 848LT**—Long Throw CDP (with 1000 cycle concentrating horn). For projecting intelligible, extended range sound over great distances-limiting dispersion to a selected area. Allows pinpointing sound to a selected audience. Dispersion 50°. Other specifications same as 848. Size 20 1/2" x 10 1/2" x 21". Shpg. wt., 20 lbs.  
**PE-35WX** 5.00 Down Net 44.10
- Model 848LT-45**—Same as 848, but with 45 ohm voice coil.  
**PE-36WX** 5.00 Down Net 44.99

### NEW REENRANT HORNS

- New reentrant horns provide wider range than ever before at lowest cost. Balanced highs are provided by unique E-V ring reflector design.
- Model FR 150 Reentrant Horns**. Medium angle rectangular fiberglass horn provides excellent coverage. Adjustable mounting angle. May be stocked for multiple speaker applications. Low silhouette. Accepts any standard driver. Specifications: Low frequency cut-off, 150 cps; taper 150 cps; air column length 45"; sound distribution 70° x 100°; mouth size, 10 1/2" x 20 1/2"; 21" depth (less driver). Shpg. wt., 12 lbs.  
**PE-37WX** 5.00 Down Net 21.75
- Model AR 150** 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.  
**PE-38WX** Net 18.22

### VERSATILE CONVERTIBLE DRIVERS

Can be used interchangeable in compound or reentrant horns. Feature highest efficiency "peaked" response for finest intelligibility. Double flux ceramic magnets. Edgewise-wound ribbon voice coils. Rugged and weatherproof. Available with 16 or 45 ohm voice coils and built-in 70.7 volt line constant voltage transformers.

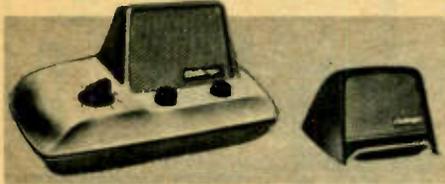
E-V Model No.	16 OHM VOICE COIL		45 OHM VOICE COIL		Freq. Resp.	Watts	Shpg. wt.
	Stock No.	Net each	Stock No.	Net each			
DC30A	PE-39	16.17	PE-40	17.02	150-10,000	30	4 lbs.
DC30T*	PE-41	21.85	---	---	150-10,000	30	5 lbs.
DC40	PE-42	21.17	PE-43	22.05	140-11,000	40	5 lbs.
DC40T*	PE-44	27.34	---	---	140-11,000	40	6 lbs.
DC50	PE-45	19.88	PE-46	28.22	140-11,000	50	6 lbs.
DC50T*	PE-47	33.83	---	---	140-11,000	50	7 lbs.

\*With multi-tap line matching transformer.



# BOGEN ELECTRONIC & TELEPHONE TYPE INTERCOMS

## Bogen Challenger OFFICE INTERCOMS



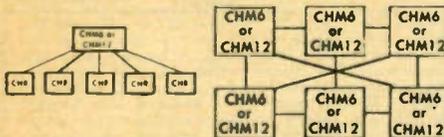
CHM6 and CHM12 Master

CHR Remote

### DUAL-PURPOSE

MASTER TO  
5 or 11 Remotes

6 or 12 Station  
All-Master System



The Bogen "Challenger" provides deluxe interoffice communication for most office, farm, industrial and home applications. These are dual purpose units for either of 2 basic kinds of intercom systems.

**MASTER-TO-REMOTE SYSTEM:** Model CHM6 Master can converse with any one or all of up to 5 remotes; Model CHM12 can talk with any one of up to 11 Remotes. Remotes have "Talk" bar to originate calls to Master; once contact has been established they no longer need use the Talk bar and these Remotes may be mounted on shelves out of the way of prying fingers if coll-origination from Remotes is not required. Remotes cannot talk with each other—only with the Master.

**ALL-MASTER-SYSTEM:** Up to 6 stations in a model CHM6 All-Master System; up to 12 stations in a Model CHM12 All-Master System. Both models may be used in a single system if desired. Model CHM6 has an "All" position and may talk to all stations at once; Model CHM12 has no "All" position; a system of Model CHM6 Masters may have conferences; any All-Master System may have any number of separate conversations going on simultaneously, without interference, up to the limit of the number of stations. Any station can call any other station, even if the called station's power is off. Power must be turned on to reply.

All Masters are housed in sturdy, good-looking thermostatting phenolic plastic cabinets; size 10" x 5 1/2" x 4 1/4" d. Remotes are 5 1/2" x 4 1/2" x 4 1/4" d. Masters have "Mute" (standby) position to eliminate noise from Remote stations while remaining ready to receive calls from Remotes; they also have 5-position (or 11-position) station selector switches, plus "Mute" position, plus "All" position on Model CHM6 only; also provided are spring-return press-to-talk switch and volume control with on-off switch. Model CHR Remotes have press-to-talk switch, 117 volts AC or DC. Shpg. wt., of Masters is 7 lbs.; Remote, 3 lbs.

FOR WIRE, SEE "WIRE REQUIREMENTS"

**BOGEN CHM6 MASTER** ..... 5.00 Down ..... Net 27.57  
**BOGEN CHM12 MASTER** ..... 5.00 Down ..... Net 29.97  
**BOGEN CHR REMOTE** ..... Net 7.77

## TRA PAGING ACCESSORY FOR TQ-SERIES SYSTEMS

Now you can page from any place in plant or office. Any desk, any phone operator, any executive who has need to page simply lifts the handset of his Bogen TQ-Series telephone intercom, presses the station button reserved for PAGE, and his message is transmitted through the P.A. system, with the aid of the TRA Paging Adapter. The TRA incorporates a relay, a volume control for the telephone paging circuit, and an input jack. You may be sending music through the P.A. system — the TRA automatically shuts it off when you page — and paging may be of a different level than the music. Uses some PRS-1 power supply as rest of system, and connects with some wiring as a TQ-type station. May be used with any P.A. amplifier. Shpg. wt., 3 lbs.

TRA PAGING ADAPTER List Price 40.00 ..... Net 24.00

## WIRE REQUIREMENTS

FOR CHM6 AND CHM12 ALL-MASTER SYSTEMS — Run a multi-wire cable from the first station and end with the last, using 1 wire more than the total number of stations. FOR CHM6 AND CHM12 MASTER-TO-REMOTE SYSTEMS — Use a separate length of WR-115 3-wire cable from the Master to each Remote. FOR CHM6 AND CHM12 INTERMIXED SYSTEMS — Run Master-to-Master cable separately, as above, and individual Master-to-Remote cables, as above. TO EXTEND "TWO-SOME" CABLE — Use WR-115 cable up to 100'. FOR TQ-SERIES TELEPHONE SYSTEMS — Use 3 wires more than the total number of stations. Cable runs from station to station, starting with first station and ending with last. BOGEN TRA PAGING ADAPTER connects into TQ system like any other station. FOR TCP-1 PHONE-PAGE SYSTEM — Use WR-116 5-wire cable between each TCP-1 phone and the next; use 1-WR-119 shielded wire from all speakers in parallel to PRS-3 power supply; use a length of Alpha 1172 2-wire cable from amplifier output to PRS-3; run a separate length of WR-119 shielded wire from amplifier's phono input and from microphone input to PRS-3; Connect PRS-3 to nearest TCP-1 with 5-wire cable.

## BOGEN "Challenger Twosome" 2-STATION SYSTEM

- COMPLETE, LOW-PRICED 2-WAY INTERCOM SYSTEM TO SAVE YOU COUNTLESS STEPS
- POWERFUL 3-TUBE AMPLIFIER
- FOR BABY-LISTENING, CONTACT WITH SICK-ROOM OR PLAY AREA & MANY OTHER HOME USES
- FOR OFFICE INTERCOMMUNICATION—SAVES STRESS, TIME, MONEY
- FOR RESTAURANTS & STORES ● EXTRA-STRONG PLASTIC CABINET
- PRINTED-CIRCUIT WIRING FOR YEARS OF TROUBLE FREE OPERATION
- REMOTE STATION "PRIVACY" SWITCH FOR PRIVATE OR NON-PRIVATE USE AT WILL

ONLY  
26.97

COMPLETE WITH 50' CABLE

A new high-powered 2-station intercom with high sensitivity for picking up the slightest sound at either end and reproducing it with sufficient volume at the other end. The master station has a volume control which regulates both Master and Remote, and a Talk-Listen switch. The Remote has a Talk-Listen switch and also has a Privacy switch which permits "at-will" conversion of the Remote to non-private operation in which the Remote can be used as a pickup point for baby-sitting etc., in which you can reply to calls from the Master without the need to operate the Remote's Talk-Listen switch. Installation is simple — the 50 feet of 3-wire cable supplied is easily connected to the Remote station. Power consumption of the Master is 25 watts at 117 volts, AC or DC. Size of each station is 7 1/2" x 5 1/2" x 5 1/4" high. Shpg. wt., (complete system), 6 lbs.

CHS-2 Twosome System, including Master, Remote, and 50' cable. List Price 46.05 ..... 5.00 Down ..... Net 26.97  
 FOR ADDITIONAL WIRE, SEE "WIRE REQUIREMENTS"

## BOGEN TELEPHONE INTERCOM EQUIPMENT

### TQ-SERIES COMMON TALKING-SYSTEMS

- REACH ANYONE IN YOUR OFFICE INSTANTLY
- RELIEVE REGULAR TELEPHONE LINES
- NO DIALING; JUST PUSH A BUTTON



Bogen-Phones are the perfect answer to head-up switchboards. Wonderful for inter-office calling while holding a buzzer sounds at the station or stations called. You are instantly connected when the receiver there is lifted. Selective ringing, common talking allows only 1 conversation at a time. "Conference" feature lets you talk to as many stations of 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. A single 110v AC input power supply serves each entire system. 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. Cable required between stations — 3 conductors more than number of stations. Shpg. wt., 5 lbs. per unit.

**TQ-1** 1-Button, 2-Station Handset (per Pair) ..... 5.00 Down ..... Net 37.45  
**TQ-6** 6-Button, 7-Station Handset (up to 7 may be used in a system) ..... 5.00 Down ..... Net each unit 20.95  
**TQ-12** 12-Button, 13-Station Handset (up to 13 in a system) ..... 5.00 Down ..... Net each unit 22.45  
**PRS-1** Power Supply for TQ-1, TQ-6 and TQ-12 Shpg. wt., 4 lbs. .... 5.00 Down ..... Net 22.50  
 FOR WIRE, SEE "WIRE REQUIREMENTS"

### TCP-1 2-WAY TELEPHONE PAGING & INTERCOM SYSTEM



Provides paging from and reply to any one of up to 20 TCP-1 telephone handset stations, with any public address amplifier, paging speakers or horns, and the PRS-3 Power Supply and Paging Adapter. Each TCP-1 handset station

has a paging pushbutton and an "In Use" busy light. When the handset is lifted off the cradle and the paging button is depressed, the TCP-1 is connected to the amplifier input through the PRS-3 and all speakers are connected to the amplifier output. "In Use" lights on all other TCP-1's in the system light up, and the calling TCP-1 may page. When the paging button is released, all speakers are connected to the amplifier input for reply through any of the speakers, and TCP-1's are connected to the amplifier output to receive replies. The quality of the system has been custom-tailored for greatest intelligibility. The PRS-3 includes a 110 volt AC power supply for the TCP-1's, a paging relay, and an "In Use" light power supply. The PRS-1 and TCP-1 come with a cable and terminal box for interconnection between phones, and a screw-type terminal for connection to an amplifier.

**TCP-1 Paging Phone** 9 1/2" x 3 1/2" x 3 1/4". Shpg. wt., 4 lbs. (up to 20 may be used in a single system). List Price 42.50 ..... 5.00 Down ..... Net 25.50  
**PRS-3 Power Supply and Paging Adapter** 2 1/2" x 3 1/4" x 11 1/2". Shpg. wt., 16 lbs. One required per system. List Price 75.00 ..... 5.00 Down ..... Net 45.00  
 FOR WIRE, SEE "WIRE REQUIREMENTS"

## NEW BOGEN BT-25 25 WATT TRANSISTORIZED MOBILE P.A. AMPLIFIER



72.00

- USE ON 6 OR 12 VOLTS
- 85% LOWER CURRENT DRAIN THAN TUBES
- COMPLETELY HUM FREE

The first commercially available fully transistorized P.A. amplifier offering 25 watts of power from a 12 volt battery. So small that it fits into the glove compartment of a car. Perfect for use in cars, trucks, or buses for public address or emergency use. Battery drain is only 3 amperes at full output, from a 12 volt battery. When operated from a 6 volt battery, current drain is only 1.4 amperes at a full output of 6 Watts. Inputs are individually controllable to permit mixing. Size: 3 1/2" x 4 1/2" x 6 1/2" high. Shpg. wt., 5 lbs.

**BOGEN BT-25** ..... 7.20 Down ..... Net 72.00

### CABLE PRICES PER 100'

NO.	DESCRIPTION	Shpg. wt. 100'	NET
WR-119	1-wire, shielded	1 1/2 lbs.	3.35
ALPHA 1172	2-wire	2 lbs.	2.46
WR-115	3-wire	3 lbs.	2.45
WR-116	5-wire	3 1/2 lbs.	3.65
WR-117	7-wire	4 lbs.	5.96
WR-118	9-wire	5 1/2 lbs.	6.94
ALPHA 1181	12-wire	6 lbs.	11.70
ALPHA 1181/15	15-wire	7 lbs.	14.55

# BOGEN-FANON INTERCOMS

## Bogen "HOME COMMUNO-PHONE" INTERCOM



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 switched. 11 1/2" wide x 4 1/2" high. Shpg. wt., 2 1/2 lbs. PA-185 List 25.75 Net 15.45
- PA-186 RBFC2 REAR BOX For FC2, 10 1/2" w x 3 1/4" h x 3 3/4" d. Wt., 1 1/2 lbs. Net 2.93
- FR4 REMOTE STATION With beige and brown finish. 5 1/2" w x 4 1/4" h. PA-191 Shpg. wt., 1 1/2 lbs. Net 7.20
- PA-187 FR5 REMOTE STATION As above, but with pushbutton for doorbell. Net 8.10
- RBR BACK BOX For remotes. 4 1/4" w x 3 3/4" h x 2 1/2" d. Shpg. wt., 1 lb. 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 10" h x 10" w. Shpg. wt., PA-189 Shpg. wt., 6 lbs. List 51.50 Net 30.90
- PA-190 RBPS BACK BOX For Power Supply 8" x 8" x 4" deep. Wt., 5 lbs. Net 4.50

**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.

**CABLE** For Bogen intercoms. Supplied in 100 ft. lengths, but odd lengths will be furnished.

NO. PAIRS	WR-12	BELDEN 8741	BELDEN 8742	BELDEN 8743	BELDEN 8753
Net per 100 ft.	1	2	3	6	11
	1.19	2.95	3.90	5.55	11.10

## MASCO WIRELESS ELECTRONIC NURSE

11.76

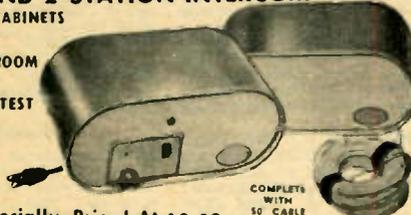


- NO INSTALLATION
- NO WIRING
- JUST PLUG IN
- COMPLETELY PORTABLE

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 1300 and 1750 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 1/2" x 4 1/2" x 3 3/4". Attractively finished metal case. Shpg. wt., 4 lbs. PA-215 List 14.95 Net 11.76

## FAMOUS BRAND 2-STATION INTERCOM

- ALL-METAL UNBREAKABLE CABINETS
- VERY SMART STYLING—FOR CHILD'S ROOM OR LIVING ROOM
- FOR 117 VOLTS AC OR DC
- SENSITIVE—PICKS UP SLIGHTEST SOUNDS AT A DISTANCE
- COMPLETE WITH 50' CABLE
- FOR HOME OR OFFICE
- IDEAL BABY SITTER OR SICK ROOM WATCHER



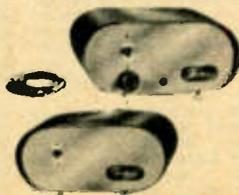
Specially Priced At 12.50

Here is a FAMOUS-MAKE 2-station electronic intercom PRICED SO LOW WE DARE NOT MENTION THE MANUFACTURER'S NAME. Sensitive—picks up sounds from across the room. Beautifully styled to grace any home or office. Master station has volume control and talk-listen switch. Remote is always "open," making it ideal for listening to baby, sick room, invalids, children at play—or for store to stockroom, restaurant to kitchen, etc. Alnico 5 pm speakers. Costs less than a penny a day to operate. Complete system includes Master, Remote and 50' cable. Simple to operate, easy to install—virtually foolproof. Size of each station approximately 8" x 4" x 4". Shpg. wt., 6 lbs. PA-12 2 Station Intercom System Complete Net 12.50

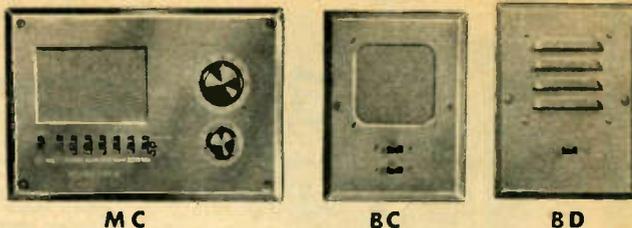
## FANON TWIN 2-STATION INTERCOM

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 grey steel with perforated white front panel. Size of each station, 8" x 4" x 4". Shpg. wt., 6 lbs.

- PA-208 Fanon FX-2 Net 18.37
- PA-209 Fanon FS (extra Remote). Shpg. wt., 2 1/2 lbs. Net 7.35
- WR-115 additional cable per 100 feet. Shpg. wt., 1 lb. per 100' Net 2.45



## FANFARE MUSI-TALK SYSTEMS



- MC Master Control Station With Radio Deluxe home radio Intercom Master Control. All the features of a top notch intercom plus a powerful built-in radio. Will control up to 6 remotes. Complete with Plaster box for wall mounting. 11 1/2" x 7 1/2". Shpg. wt., 6 lbs. PA-195 Master Control with Radio 5.40 Down Net 54.00
- MCL Master Control Some as MC except less radio, but with built-in phono jack. Lets you play records through your intercom. Size: 11 1/2" x 7 1/2". Shpg. wt., 6 lbs. PA-196 Master Control less Radio 5.00 Down Net 36.00
- BC Flush Wall Mount remote for indoor use. Shpg. wt., 1 lb. PA-197 Net 6.75
- BJ Some as BC except with phono jack. PA-198 Shpg. wt., 1 lb. Net 9.60
- BD Flush Wall Mount remote, for outdoor use. PA-199 Shpg. wt., 1 lb. Net 5.97
- BDR Flush Wall Mount remote, for outdoor use, with bell button. Shpg. wt., 1 lb. PA-200 Net 7.50
- PB plaster box for use with BC, BD, BDR, BJ remotes. PA-201 Shpg. wt., 1/2 lb. Net 1.50
- DD Desk top Cabinet for MC and MCL. Shpg. wt., 2 lbs. PA-202 Net 6.00

**WIRING REQUIREMENTS**  
Separate 3 cord wire lead for each remote used.  
WR-115 3 cord Wire Net per 100'. Shpg. Wt. 1 lb. per 100' 2.45

## MASCO EXPANDABLE WIRELESS INTERCOM SET

- USES EXISTING POWER LINES
- NO WIRES OR CONNECTING CABLES

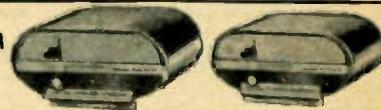


Because no interconnecting cables are used, the WIRELESS-COM is completely flexible; you can move it at any time to a new location—just plug into AC outlet. Has noise silencing control for use in noisy locations. Has volume control with on-off power switch, talk-listen switch with dictate position. Alnico V speaker. Complete privacy, no sounds transmitted until master station is in talk position. Handsomely styled metal cabinets, size 8 1/2" W x 4 1/2" D x 3 1/2" H. Shpg. wt., set of 2 units 9 lbs. PA-216 Set of 2 stations MASCO SLC Station 5.00 Down Net 32.00

PA-217 Additional single station for above. Shpg. wt., 5 lbs. Net 16.00

## FANON 2-STATION WIRELESS INTERCOM

- NO WIRES
- NO INSTALLATION
- JUST PLUG IN AND TALK



Makes use of existing power lines for transmission of voice. Each unit is a miniature radio transmitter and receiver. Simply plug into electrical outlets, AC or DC, in the same or adjacent buildings on the same power circuits, and talk! Economical to use, powerful and sensitive. Underwriters' Laboratories approval means safety to use. Each unit has volume control with on-off switch, 2- or 3-wire line selector switch for different types of building wiring, and adjustment for Noise Silencer which keeps out power line noise until desired voice signal comes through. More stations may be added to any system. Operating frequency 200 kc. Output power: 2 1/2 watts. Power consumption: 30 watts. Tubes: 12AX7, 2-50C5, 2 12AU6 rectifier, 1N51 diode, NE-2 neon pilot light. For 105-125 volts AC or DC. Size: 8" x 4" x 4". All brass finish. PA-206 Fanon FW-50 2 station wireless. Shpg. wt., 7 lbs. 5.26 Down Net 52.62

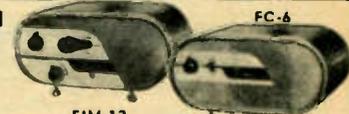
PA-207 Fanon FW-51 Extra Station For FW-50. Shpg. wt., 3 1/2 lbs. Net 26.31

## FANON MULTI STATION INTERMIX INTERCOM

Used where up to 12 stations are required. Master can call any remote. Remote can only call Master. 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 "Standby" position, and a spring-return Talk-Listen switch with "Dictate" position for extended talking. Master power output is 2 1/2 watts. Tubes are 12AU6, 50C5, 35W4 rectifier, NE-2 Pilot Light. Hum and noise are extremely low. For 117 volts AC or DC. All units are constructed of unbreakable sheet metal. Dimensions: Masters and Remotes, 8" x 4" x 4". Shpg. wt., Master: 4 lbs. Remote 2 1/2 lbs. PA-203 FANON FIM-12 MASTER 5.00 Down Net 26.43

PA-204 FANON FC REMOTE Net 7.81  
PA-205 FANON FC-6 REMOTE Net 11.73

**Wire Requirements**  
Run master to master cable separately, using WR-119 as above. Use Alpha 1243 cable from each FC remote to its master; use a separate length of Alpha 1243 from each FC-6 remote to each Master.  
WR-119 1 wire shielded. Shpg. wt., 1 lb. per 100' Net (per 100') 3.35  
Alpha 1243 3-wire with 1 wire shielded. Shpg. wt., 3 lbs. per 100' Net (per 100') 5.03



NEW!

*Lafayette*

# PUBLIC ADDRESS AMPLIFIERS

ALL LAFAYETTE AMPLIFIERS ARE GUARANTEED FOR ONE FULL YEAR



PA-60 **24.95**  
ONLY 5.00 DOWN -- 5.00 MONTHLY



PA-61 **37.50**  
ONLY 5.00 DOWN -- 5.00 MONTHLY



PA-62 **49.50**  
ONLY 5.00 DOWN -- 5.00 MONTHLY



PA-63 **82.95**  
ONLY 8.29 DOWN -- 8.00 MONTHLY



PA-64 **91.50** LESS PHONO TOP  
ONLY 9.15 DOWN -- 9.00 MONTHLY

## LAFAYETTE MODEL PA-60 • 10-WATT P.A. AMPLIFIER

**FEATURES:** Provides extensive coverage—up to 20,000 square feet when used with trumpet speakers. 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 hamerloid enamel.

**SPECIFICATIONS:** TUBES: 12AX7, 6L6GB, 6X5GT (Rectifier). **PEAK POWER:** 12 Watts. **INPUT GAIN:** Microphone 105 db 2.2 Meg., Phono 65 db 1/2 Meg.

**FREQUENCY RESPONSE:** 70 to 10,000 cps  $\pm$  2 db. **tone control ATTENUATION:** Treble 15 db at 10,000 cps. **CONTROLS:** 4; mike Power Phono or Radio, Tone. **INPUTS:** 2; 1-Microphone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms and 70 volts (500 ohms). **HUM AND NOISE:** 60 db below maximum output. **POWER CONSUMPTION:** 70 Watts, 110/120 V.A.C. 60 cps. **SIZE:** 10 1/2" w x 5 1/2" d x 6" h. **SHIPPING WEIGHT:** 12 1/2 lbs.

**LAFAYETTE MODEL PA-60W**—Complete with Tubes.....Net **24.95**

## LAFAYETTE MODEL PA-61 • 18-WATT P.A. AMPLIFIER

**FEATURES:** New improved circuit features ensure top performance. Uses new 6V6GT 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 hamerloid enamel.

**SPECIFICATIONS:** TUBES: 2-12AX7, 2-6V6GT, 6AX5GT (Rectifier). **INPUT GAIN:** Microphone 120 db 3.3 Meg., Phono 80 db 1/2 Meg. **FREQUENCY RESPONSE:**  $\pm$  2 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:** 18 Watts. **INPUTS:** 2; 1-Micro-

phone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, and 16 ohms; 70 volts (333 ohms). **HUM LEVEL:** —70 db below rated output. **CONTROLS:** 5; Microphone, on-off, Bass, Treble, Phono. **POWER CONSUMPTION:** 75 Watts, 110/120 V.A.C., 60 cycles. **SIZE:** 14" w x 8" d x 6" h. **SHIPPING WEIGHT:** 19 lbs.

**LAFAYETTE MODEL PA-61WX**—Complete with Tubes.....Net **37.50**

### 4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—78, 45, 33 1/3 and 16 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 **16.95**

## LAFAYETTE MODEL PA-62 • 30-WATT P.A. AMPLIFIER

**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 top. 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 hamerloid enamel. Removable escutcheon plate for rack and panel mounting.

**SPECIFICATIONS:** TUBES: 3-12AX7, 2-6L6GB, 5Y3GT (Rectifier). **POWER OUTPUT:** 30 Watts. **INPUT GAIN:** Microphone 125 db 3.3 Meg., Phono 82 db 1/2 Meg. **FREQUENCY RESPONSE:** 30 to 15,000 cps,  $\pm$  2 db. **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, on-off, Bass, Treble, Phono. **OUTPUT IMPEDANCES:** 4, 8, 16, and 250 ohms; 70 volts.

**POWER CONSUMPTION:** 135 Watts, 110/120 V.A.C. 30-60 cycles. **SIZE:** 14" w x 8" d x 6" h. **SHIPPING WEIGHT:** 20 lbs.

**LAFAYETTE MODEL PA-62WX**—Complete with Tubes.....Net **49.50**

### 4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—16 2/3, 33 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 110 Volt 60 cycle. Shpg. wt., 10 lbs.

**PA-65W**—4-Speed Phono Top.....Net **16.95**

## LAFAYETTE MODEL PA-63 • 60-WATT P.A. AMPLIFIER

**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.

**SPECIFICATIONS:** TUBES: 3-12AX7, 1-6973, 2-6CA7/EL34, 2-5U4GB (Rectifiers). **POWER OUTPUT:** 60 Watts. **INPUT GAIN AND IMPEDANCES:** Microphone 130 db 4.7 Meg., Phono 80 db 1/2 Meg. **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:** 70 db below rated output. **INPUTS:** 2-Microphone, 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, and 250 ohms; 70 volts constant voltage (84 ohms). **POWER CONSUMPTION:** 250 watts; 110/120 volts, 60 cps AC. **SIZE:** 16" w x 10" d x 6 1/2" h. **SHIPPING WEIGHT:** 47 lbs.

**LAFAYETTE MODEL 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 2/3, 33 1/3, 45 and 78 rpm. Constant speed motor, turnover cartridge with dual preclous-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 **18.95**

## MODEL PA-64 • 30-WATT MOBILE P.A. AMPLIFIER

**BY OR 12V BATTERY AND 110V AC OPERATION SEPARATE BASS AND TREBLE CONTROLS**

**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 and AC cables supplied.

**SPECIFICATIONS:** TUBES: 3-12AX7, 2-6L6GB and 2-6X5GT (Rectifiers). **HEAVY DUTY VIBRATOR. POWER OUTPUT:** 30 watts. **INPUTS:** 4; 2-Microphone and 2-Phono. **INPUT GAIN:** Microphone 125 db 4.7 Meg; Phono 80 db 5 Meg. **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:** 65 db below rated output. **CONTROLS:**

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 and 70 volt line. **POWER CONSUMPTION:** 130 watts, 117 v. 50/60 cycle AC; 6 v. battery 24A; 12 v. battery 12A; fused separately. **POWER CABLES:** 1-AC cable and 1-DC cable. **SIZE:** 16" w, 10" h, 10" d. **SHIPPING WEIGHT:** 25 lbs.

**LAFAYETTE MODEL PA-64WX**—Amplifier complete with Tubes.....Net **91.50**

### 4-SPEED PHONO TOP

For the PA-64 amplifier. Fits in place of cover. Plays all 4 standard speeds—16 2/3, 33 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-67W**—4-Speed Phono Top.....Net **18.95**

# LAFAYETTE PUBLIC ADDRESS SYSTEMS

FOR GREATEST ECONOMY & PERFORMANCE

## DUAL SPEAKER 18-WATT PORTABLE SYSTEMS



E-V 7275  
CRYSTAL  
MIKE

PA-31 SLIM  
CRYSTAL  
3-WAY MIKE

ATLAS MS 10C  
MIKE FLOOR  
STAND

AS LOW AS 71.50

7.15 DOWN, 8.00 MONTHLY

- CHOICE OF 3-WAY LAVALIER OR DESK-STAND CRYSTAL MIKES
- HEAVY DUTY 12" SPEAKERS • AVAILABLE WITH 4-SPEED PHONO TOP

A complete 18-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!

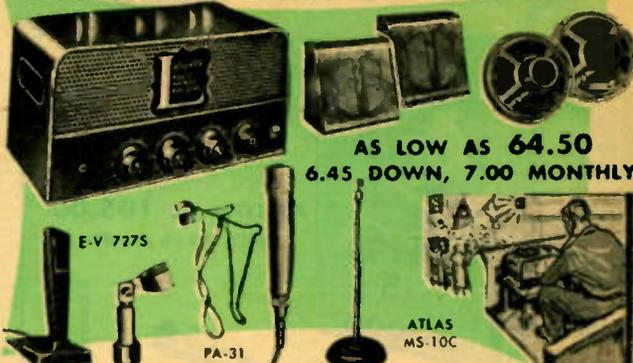
**COMPLETE PORTABLE SYSTEMS, READY TO OPERATE, INCLUDE:** 2-12" heavy duty PM Speakers rated at 15 watts each; the feature packed 18-watt Model PA-61 amplifier; your choice of the popular Electro-Voice Model 7275 crystal mike complete with desk stand and 5' cable, detachable from stand for use as a hand 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 card and bracket, and an 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 22½" h x 16½" w x 15" 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).

**LAFAYETTE PA-132WX** 18-watt Portable System, less Phono Top, complete as described with E-V 7275 microphone ..... Net 76.50  
**LAFAYETTE PA-133WX** Same as above with Lafayette PA-31 lavalier mike. .... Net 71.50

**LAFAYETTE PA-134WX** Same as above, with 4-speed phono top and E-V 7275 mike. Shpg. wt., 75 lbs. .... Net 92.50

**LAFAYETTE PA-135WX** Same, with 4-speed phono top and Lafayette PA-31 mike. Shpg. wt., 75 lbs. .... Net 87.50

## DUAL SPEAKER 18-WATT PERMANENT SYSTEMS



AS LOW AS 64.50  
6.45 DOWN, 7.00 MONTHLY

E-V 7275

PA-31

ATLAS  
MS-10C

- CHOICE OF CRYSTAL 3-WAY LAVALIER OR DESK-STAND MIKES
- TWO HEAVY-DUTY 12" SPEAKERS • TWO POLISHED WALNUT WALL BAFFLES

Excellent for a great many public address, paging and sound reinforcement applications, the Lafayette 18-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 18-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 7275 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 card 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.

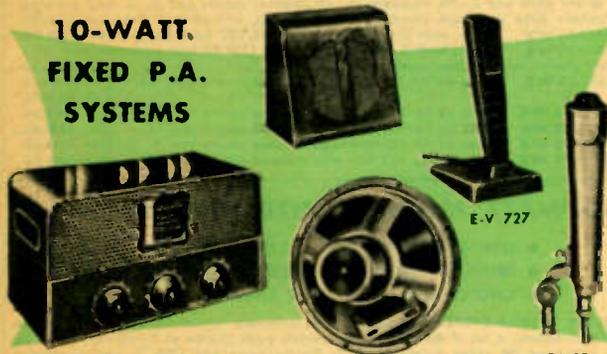
**LAFAYETTE PA-136WX** 18-watt Permanent System, less Phono Top, complete as described with E-V 7275 microphone ..... Net 70.50

**LAFAYETTE PA-137WX** Same as above, with Lafayette PA-31 Microphone. .... Net 64.50  
Avg. shpg. wt., 67 lbs.

**LAFAYETTE PA-138WX** Same, with built-in 4-speed phono top and with E-V 7275 mike ..... Net 86.50

**LAFAYETTE PA-139WX** Same, with 4-speed phono top and Lafayette PA-31 mike. .... Net 80.50  
Avg. shpg. wt., 67 lbs.

## 10-WATT. FIXED P.A. SYSTEMS



E-V 727

PA-29

- 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 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).

**LAFAYETTE PA-140WX** Complete 10-watt Permanent System as described with E-V 727 Crystal Microphone. Shpg. wt., 24 lbs. .... Net 33.50

**LAFAYETTE PA-141WX** Same as above, with Lafayette PA-29 dual impedance dynamic microphone. Shpg. wt., 24 lbs. .... Net 37.50

## LAFAYETTE PA VALUES

### SPECIAL 12" & 8" P. A. SPEAKERS

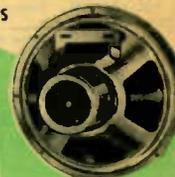
- 12" FULL 15 WATTS OF POWER • 8" FULL 10 WATTS OF POWER
- HEAVY ALNICO 5 MAGNETS

**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. Move 4.64 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 5 lbs.

Net 4.95

**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.

Net 3.95



8" MODEL — 3.95  
12" MODEL — 4.95

### 12" PM SPEAKER

- "BEST BUY" FOR HIGH FIDELITY MUSIC AND PUBLIC ADDRESS USE
- 25 WATTS POWER RATING

Here's an excellent fidelity, powerful 12" PM speaker that is by far the best buy available for any comparable speaker with the same performance capabilities. Highly recommended for replacement use or original installation in top quality radio-phonograph installations. Ideal for PA use. Handles 25 watts of power without any distortion. Response assured over the range from 50 to 10,000 cps. Alnico V magnet alone weighs 9 ounces. Precision formed aluminum base voice coil. Voice coil impedance, 8 ohms. Perfectly aligned coil and matted cone construction. Shpg. wt. 8 lbs.

P19299 — 25 watt, 12" PM Speaker ..... 14.95



# LAFAYETTE DELUXE ECONOMICAL PUBLIC ADDRESS SYSTEMS

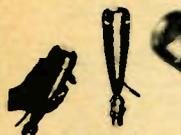
## DUAL-SPEAKER 30-WATT PORTABLE SYSTEMS



AS LOW AS 105.00  
ONLY 10.50 DOWN



The most popular system for schools, RR waiting rooms, gyms, churches, noisy factories. Ideal for rentals.



ARGONNE AR-3 DUAL IMPEDANCE DYNAMIC MIKE



\* CHOICE OF DYNAMIC MICROPHONES



ELECTRO-VOICE 664 DELUXE CARBON DYNAMIC MIKE



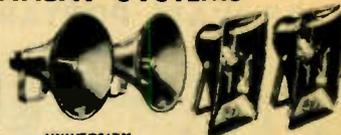
ATLAS MS-10C FLOOR STAND

- CHOICE OF DELUXE DYNAMIC MIKES
- TWO GE 25-WATT SPEAKERS • MONEY-BACK GUARANTEE

The 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, theaters, 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—GE 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 Carbon dynamic for close-talking use where high-feedback problems exist, with 40-15,000 cps response, an 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 22 1/2" h x 16 1/2" w x 15" 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.

LAF PA-142 WX	30-watt Portable System, Less Phono Top and less MS-10C floor stand, complete as described with Argonne AR-3 dynamic mike.....	Net 105.00
LAF PA-143 WX	Same as above, with E-V 664 dynamic microphone and MS-10C floor mike stand.....	Net 124.50
LAF PA-144 WX	Same as PA-142 with 4-speed phono top.....	Net 121.00
LAF PA-145 WX	Same as PA-143 with 4-speed phono top.....	Net 140.50

## DUAL SPEAKER 30-WATT PERMANENT SYSTEMS



UNIVERSITY MA-25 DRIVERS AND PH TRUMPETS

ELECTRO-VOICE 848 CDP 35-WATT PROJECTORS



LAFAYETTE WOOD WALL BAFFLES AND GE 25-WATT 12" SPEAKERS

ONLY 10% DOWN ON OUR EASY PAY PLAN



E-V 664 CARBON DYNAMIC



ARGONNE AR-3 DYNAMIC MIKE



ATLAS MS-10C FLOOR STAND

- CHOICE OF DELUXE DYNAMIC MIKES • 70 FT. OF SPEAKER CABLE
  - 2—GE 25-WATT SPEAKERS & WALL BAFFLES FOR INDOOR SYSTEMS
  - 2 ELECTRO-VOICE OR UNIVERSITY HORNS FOR OUTDOOR SYSTEMS
- These permanent sound systems are especially designed for large halls, airports, medium-sized industrial paging systems, loading platforms, department store music and paging systems, restaurant music, and railroad stations. The heavy duty Model PA-62 30-watt amplifier will give you exceptional results and assure top quality performance under all operating conditions. **OUR LOW PRICE AND OUR ONE YEAR GUARANTEE** make this system a "best buy" in P.A. COMPLETE SYSTEMS CONSIST OF: The PA-62 30-watt amplifier complete, available with or without 4-speed phono top; choice of 2—GE 25-watt 12" PM speakers for indoor paging and music distribution; or 2—Electro-Voice 848 CDP wide-angle 30-watt projectors or 2—University MA-25 drivers with PH trumpets for best noise penetration; 2—35' speaker cables and plugs; your choice of the Electro-Voice 664 dual-impedance carbon 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

LAF PA-146 WX	Consists of PA-62 30-watt amplifier less phono top, 2—GE 12" pm speakers, 2 walnut wood baffles, 2—35' speaker cables and plugs, MS-10C floor mike stand and Argonne AR-3 microphone.....	Net 103.00
LAF PA-147 WX	Same, with E-V 664 mike in place of AR-3.....	Net 124.50
LAF PA-148 WX	Same, with 4-speed phono top and AR-3 mike.....	Net 119.00
LAF PA-149 WX	Same, with 4-speed phono top and E-V 664 mike.....	Net 139.50

### 30-WATT OUTDOOR SYSTEMS

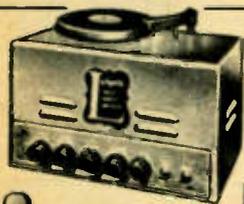
LAF PA-150 WX	Consists of PA-62 30-watt amplifier less phono top, 2—University MA-25 driver units and 2—PH trumpets, 2—35' speaker cables and plugs, and Argonne AR-3 dynamic mike with desk stand, 65 lbs. less phono; with phono 75 lbs. Net 126.90	Net 126.90
LAF PA-151 WX	Same, with E-V 664 mike and MS-10C floor stand.....	Net 154.90
LAF PA-152 WX	Same, with 2—Electro-Voice 848 CDP 30-watt projectors and AR-3 mike; less phono top.....	Net 127.50
LAF PA-153 WX	Same as PA-152 but with E-V 664 mike and MS-10C floor stand.....	Net 154.50
LAF PA-154 WX	Same as PA-150 but with 4-speed phono top.....	Net 141.90
LAF PA-155 WX	Same as PA-151 but with 4-speed phono top.....	Net 169.90
LAF PA-156 WX	Same as PA-152 but with 4-speed phono top.....	Net 142.50
LAF PA-157 WX	Same as PA-153 but with 4-speed phono top.....	Net 169.50

## 30-WATT MOBILE OUTDOOR SYSTEMS

- FOR 6V-12V BATTERY, 117V AC
- WITH OR WITHOUT 4-SPEED PHONO TOP
- 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—University MA-25 driver units and 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; PLUS 2—35' speaker cables and plugs. Shpg. wt., 75 lbs. less phono; with phono 85 lbs.

LAF PA-158 WX	Complete 30-watt mobile outdoor system with PA-64 30-watt mobile amplifier less phono top; with AC and battery cables, 2—University MA-25 driver units and 2—PH trumpets, 2—35' speaker cables and plugs, and Lafayette PA-31 microphone.....	Net 160.80
LAF PA-159 WX	Same, with E-V 647 mike.....	Net 189.90
LAF PA-160 WX	Same as PA-158 but with 2 E-V 848 CDP 30-watt projectors.....	Net 162.50
LAF PA-161 WX	Same as PA-159 but with 2 E-V 848 CDP projectors.....	Net 189.50
LAF PA-162 WX	Same as PA-158 but with 4-speed phono top.....	Net 175.90
LAF PA-163 WX	Same as PA-159 but with 4-speed phono top.....	Net 201.90
LAF PA-164 WX	Same as PA-160 but with 4-speed phono top.....	Net 177.50
LAF PA-165 WX	Same as PA-161 but with 4-speed phono top.....	Net 202.50



LAFAYETTE PA-64 30-WATT MOBILE AMPLIFIER



2—University MA-25 and PH



2—Electro-Voice 848 CDP

\* CHOICE OF DYNAMIC OR CRYSTAL LAVALIER MICROPHONES  
\* CHOICE OF OUTDOOR HORNS



Electro-Voice 647



Lafayette PA-31

AS LOW AS 158.40 ONLY 15.84 DOWN

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. **REMEMBER: THE AMPLIFIER IS UNCONDITIONALLY GUARANTEED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR 1 FULL YEAR . . . AND COMPARE OUR PRICE!**

# LAFAYETTE PUBLIC ADDRESS EQUIPMENT

## 60-WATT HI-POWER OUTDOOR SYSTEMS



LAFAYETTE PA-63 60-WATT AMPLIFIER



LAFAYETTE PA-43 DYNAMIC MIKE

E-V 60S DYNAMIC MIKE ON 428 TOUCH-TO-TALK STAND



## NEW 60-WATT INDOOR PAGING SYSTEMS



LAFAYETTE PA-63 60-WATT AMPLIFIER



LAFAYETTE PA-43 DYNAMIC MIKE

CHOICE OF MICROPHONES

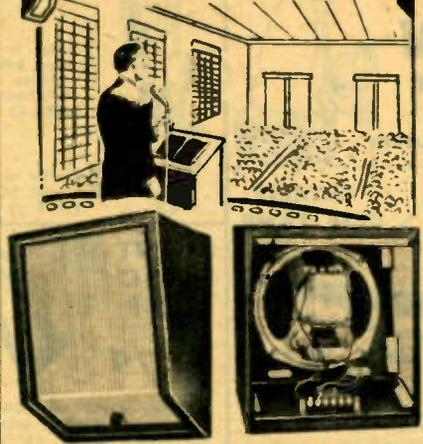


UNIVERSITY MA-25 DRIVERS WITH PH TRUMPETS



ELECTRO-VOICE 848 CDP COMPOUND DIFFRACTION PROJECTORS WITH 30-WATT DRIVERS

## LAFAYETTE 8" 10-WATT PRE-WIRED SPEAKER-BAFFLE COMBINATION



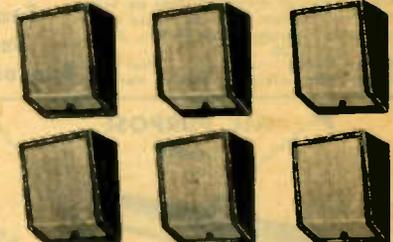
● FOR PUBLIC ADDRESS, PAGING, MUSIC DISTRIBUTION USE ● BUILT IN 70-VOLT LINE MATCHING TRANSFORMER WITH TAPS FOR 10, 5, 2.5, 1.25 AND .625 WATTS ● BUILT-IN INDIVIDUAL VOLUME CONTROLS ● ONLY A SCREW-DRIVER NEEDED TO CONNECT SPEAKER LINES

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, 2½, 1½ or ¾ watts, for connection to 70 volt amplifier output, and any individual speaker taps 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 of each speaker location — extremely important in most school, department store, etc., paging or music distribution system installations. Size is 11" w x 9-9/16" h x 6 1/2" d. Shpg. wt., 7 lbs.

PA-178W Speaker-Baffle Combination Net 16.20  
PA-179W Same unit, 8 ohm voice coil, but less transformer Net 13.95



OPTIONAL CHANGER



LAFAYETTE 8" 10-WATT SPEAKER BAFFLE COMBINATIONS PRE-WIRED WITH MATCHING TRANSFORMER & VOLUME CONTROL

AS LOW AS 169.50  
16.95 DOWN 12.00 MONTHLY

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 1½ 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 dpt 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 adapter, and plug-in cable. For 117 volts, 60 cps AC. Shpg. wt., 95 lbs.

LAFAYETTE PA-174 WX Complete 60-watt indoor system as described, less phono top, with E-V 605 microphone and 428 desk stand Net 192.50  
LAFAYETTE PA-175 WX Same, with Lafayette PA-43 "Dyna-Slim" microphone, less stand Net 169.50

AS LOW AS 184.50  
18.45 DOWN 13.00 MONTHLY

This ruggedly-designed equipment is recommended for all high power heavy duty requirements, such as church steeples 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 Model MA-25 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 dpt 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; 170 lbs. with phono.

60-watt outdoor system, less phono top, complete as described with 3 University MA-25 drivers, 3 PH trumpets, E-V 605 microphone and 428 touch-to-talk stand

LAFAYETTE PA-166WX Net 199.50  
Same as PA-166WX with PA-43 dynamic mike, less stand

LAFAYETTE PA-167WX Net 184.50  
Same as PA-166WX but with 3 Electro-Voice 848 CDP horns and drivers, E-V 605 mike with desk stand

LAFAYETTE PA-168WX Net 202.50  
Same as PA-168WX with PA-43 dynamic mike, less stand

LAFAYETTE PA-169 Net 188.50  
Same as PA-166WX but with 4-speed phonograph top

LAFAYETTE PA-170WX Net 213.50  
Same as PA-167WX but with 4-speed phono top

LAFAYETTE PA-171WX Net 199.50  
Same as PA-168WX but with 4-speed phono top

LAFAYETTE PA-172WX Net 216.50  
Same as PA-169WX but with 4-speed phono top

LAFAYETTE PA-173WX Net 202.50

## Lafayette SPECIAL VALUES! MIKE STAND



Economical desk stand. Chrome plated; heavy cast base finished in gray wrinkle. 4 3/8" diam., 7" h. Felt pad; 3/8" — 27 thread; adjustable collar. Shpg. wt., 2 lbs. PA-34 Net 1.29

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 22¢  
MS-468 Male connector 16¢



## 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 h, 15-9/16 w, 14 3/8 d. Covered in dark blue washable leatherette. Shpg. wt., 20 lbs. PA-S1WX CASE Net 14.25

## 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.

LAFAYETTE PA-176WX Same as PA-174 with 4-speed phonograph top Net 208.50  
LAFAYETTE PA-177WX Same as PA-175 with 4-speed phono top Net 184.50

## RECORD CHANGER SYSTEMS

These systems include a Collara TSC-740 4-speed record changer and base in place of the phono top. It is equipped with the GE Triple-play cartridge with dual diamond and sapphire styli. Shpg. wt., 115 lbs.

PA-183WX Same as PA-174, but with Collara TSC-740 changer with GE 4G-052 cartridge. Net 234.00  
PA-184WX Same as PA-175 but with Collara TSC-740 changer with GE 4G-052 cartridge. Net 211.00

# LAFAYETTE SPECIAL ACCESSORIES

## NEW AMPHIBIOUS FLASHLIGHT



**2.95**

Outstanding new all purpose flashlight which is water-proof and gas tight. Can be used under water or in the rain. Ideal for use in camping and working outside at night. On-Off Switch is of back handle type. Powerful light beam provided by two cells. Complete with nylon shoulder band. Shpg. wt., 1 lb.  
F-434 ..... Net 2.95

## RECHARGEABLE FLASHLIGHT



- NEEDS NO BATTERY
- ATTRACTIVE & DURABLE
- EASY FLIP-ON SWITCH

This small light weight flashlight fits easily into the palm of your hand. Two-tone (orange and white) color makes an attractive appearance. New concave glass top spreads out light. This unit can be used in many household applications. Ideal for use in the car. The detachable and covers a pair of male plugs by which the flashlight can be recharged. This feature allows the unit to be used for benchwork or where single light source is required in dark surrounding. Smooth flip-on switch permits easy action. Complete with one replaceable lightbulb. Measures 4 1/2" in length and 1 1/4" diameter. Shpg. wt., 4 oz.  
F-435 ..... Net 2.95

## Pocket Generator Flashlight

● NO BATTERIES—EVER! ● ALWAYS READY TO OPERATE!

The perfect pocket flashlight for home—car—or to carry with you. Plenty of bright light just by successive activation of generator level. No batteries to corrode or go dead. Balanced flywheel generator for ease of operation. Only 2 3/8" x 1" x 1 1/2", slips easily into pocket or purse. Never wears out. Ideal for campers—tourists—motorists. Weighs only 6 ozs. Made in Germany  
F-169 List 6.49 Shpg. wt. 1 lb. Net 3.79



## AUTOMATIC DOOR-LITE

A simple useful device for lighting a normally dark space on opening the door. Perfect for closets. Open door, light goes on; close door, light goes out. With 9" Cord and Plug, less bulb. Shpg. Wt., 8 oz.  
EL-76 ..... Net .75

Powerful and versatile portable 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 lamp-head. Chrome-plated beacon arm fits snugly over handle. Beacon flashes 60 times per minute. Steel weatherproof case with hinged cover and snap catch. Operates on one battery. Shpg. wt., 3 lbs. List 10.50.  
ML-66—Less Battery ..... Net 6.98  
Burgess No. F4H battery Wt. 1 1/2 lbs. Net .79

## BIG BEAM

Sealed Beam Beacon Lamp



## IMMERSION HEATERS FOR HOME OR CAR

### HOME MODEL

● For 110V AC-DC Outlet

Simple to use. Just plug into any AC or DC outlet and place into water. Safe, efficient. Sheathed and sealed in nickel plated brass. Nickrome alloy heating element draws 300 watts. Overall length 6 1/2". For 115 volts, AC or DC. Shpg. wt., 8 oz.  
F-388. (2 for 1.69) ..... Net .99

### CAR MODEL

● Plugs into Cigarette Lighter Outlet

Similar to above, but plugs into cigarette lighter outlet. For 6 or 12 volt, DC. Shpg. wt., 8 oz.  
F-437 (2 for 1.69) ..... Net .99

## ALL PURPOSE LAMP



**14.66**

Versatile fluorescent fixture with clamp-on base. 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 permit easy manipulation of fixture to give you light in any desired position. Arm extends 36". Uses two T8, 15-W. lamps. For 110-125V., 60 cycles AC. Shpg. Wt., 10 lbs. Bronze finish.  
FL-10—less lamps ..... Net 14.66  
In lots of 3, ea., Net 13.68

## PORTABLE DESK LAMP



**21.28**

Portable Desk Model. Has all the features of Model FL-10 except for the difference in the base. This unit has a weighted base with pen and pencil grooves, for desks and tables where screw clamp cannot be used. Shpg. wt., 23 lbs.  
FL-11WX. Less lamps ..... Net 21.28  
In lots of 3 ..... 5.00 Down ..... Net Ea. 19.86  
Replacement lamps for FL-10 and FL-11WX  
FL-201. T8-15 watts ..... Net Ea. .72

## GIANT PATIO LAMP



**1.79**

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

## MINUTE LAMP KIT



- NO TOOLS!
- NO WIRING!
- NO CUTTING!

Now, you can make a new lamp in a minute with old bottles, jars, vases, jugs, etc. No tools, drills, or wiring are needed. Kit contains a push through socket with 6 foot cord. 3 sizes of corks to fit most bottles and jugs. Shpg. Wt., 8 ozs.  
EL-77 ..... Net 1.18

## KRYLON ENAMEL & PROTECTIVE SPRAYS

**CLEAR ACRYLIC SPRAY**  
Krylon Crystal Acrylic Permanent Spray coating seals the surface and protects indefinitely. High dielectric strength and weather-proofing qualities. A must for the servicemen. Shpg. Wt., 16 oz.  
P-350 ..... Net 1.27

**SPRAY ENAMELS**  
Provides a durable coating for wood, metal, leather, paper, etc. Dries in 3 minutes. Rust, fungus, chemical resistant. Won't crack or peel. High dielectric strength. Precision value—non clogging. Specify color and number. Shpg. Wt., 1/4 lb. for 6 oz., 1 1/2 lbs. for 16 ozs.

**NEW! GLO-BRITE KRYLON**  
For sure, quick attention. Makes any white surface up to 4 times brighter—easier to see. Gives neon effect under black light. For do-it-yourselfers, display men, hunters, etc. Use on fishing lures, boot markings, life preservers, targets, signs, displays, etc. Numbers P-387 and P-388 are made spec. MIL-P-21600 (AER). Used for aircraft wing tip and rudder markings. Push button can. Shpg. Wt., 1 1/2 lbs.

STOCK NO.	COLOR	Net each
P-387	Red Orange—633	\$1.82
P-388	Yellow Orange—634	
P-389	Sunset Gold	
P-390	Lemon Yellow	
P-391	Cerise	
P-392	Green	

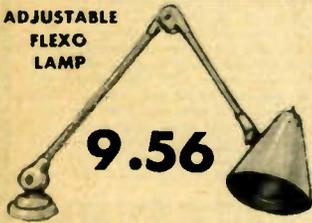
**ZINC CHROMATE METAL PRIMER**  
Spec. MIL-P-6889-A. Provides excellent bond on bare metal surfaces. Sprays on smoothly to hard finish. 16 oz. can. Shpg. Wt., 1 1/2 lbs.  
P-393. Yellow ..... Net Ea. 1.27  
P-394. Green ..... Net Ea. 1.27

**CLEANER & DEGREASER**  
For cleaning engines, machinery, fans, greasy floats, etc. Dissolves deposits which may then be rinsed away. 16 oz. dispenser. Shpg. Wt., 1 1/2 lbs.  
P-395 ..... Net 1.27

**RUST RELEASE**  
Provides unusual penetrating and solvent properties to free tight mechanical unions or "frozen" parts coated by corrosion, gum residue, etc. Lubricates as it penetrates 16 oz. dispenser. Shpg. Wt., 1 1/2 lbs.  
P-396 ..... Net 1.27

STOCK NO.		Color
16.2 Ozs.	6 Oz.	
—	P-351	Clear
P-352	—	Metal Primer
P-353	P-354	Aluminum
P-355	P-356	White
P-357	P-358	Flat White
P-359	P-360	Glass Black
P-361	P-362	Flat Black
P-363	P-364	Moch. Grey
P-365	P-366	Lt. Grey
P-367	P-368	Dove Grey
P-369	P-370	Gold
P-371	P-372	Yellow
P-373	P-374	Regal Blue
P-375	P-376	Baby Blue
P-377	P-378	Hunter Green
P-379	P-380	Cherry Red
P-381	P-382	Pink
P-385	P-384	Copper
P-386	—	O. D. Khaki
16.2 oz. all	—	Int. Orange
6 oz. all	—	Net Ea. 1.17
		Net Ea. .64

## ADJUSTABLE FLEXO LAMP



**9.56**

Flexa all purpose lamp. Designed to provide adjustment to any position or angle and sturdily constructed for a lifetime of service. No exposed wiring. Air Cooled Shade. Will stand up better under conditions of vibration. Maximum extension 34". Lamp swivels around at base and at shade and swivels at each joint for universal adjustment to any of countless different positions. Shade 5 1/2" in diameter, 6" deep. Switch on shade. Use standard incandescent bulb. Clamp removable for surface mounting. Shpg. wt., 5 lbs.  
FL-16 ..... Net 9.56

## AMPLEX TROMBOLITE



**21.32**

The first basically new lighting idea in nearly 20 years. 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 Wolt lamp and Circline daylight tube. Attractively finished in executive grey. Shpg. Wt., 8 lbs.  
FL-19 ..... Net 21.32

## NEW SPRAY CAN HANDLE



This single, yet functional spray gun handle solves the spraying problem. Makes the job of spraying simple and easy. Maintains an even spray, and keeps hands clean. Fits on the top of the can by snap-on action. Converts any spray can to a spray gun. Handle can be attached or removed in seconds. Trigger type switch for quick, positive action. Light and sturdy, it is ideal for use by draftsmen, commercial artists, home builders, servicemen, technicians, etc. Shpg. Wt., 4 oz.  
ND-298 ..... Net Ea. .69  
In lots of 3 ..... Net Ea. .59

- Converts any spray can to spray gun
- Snaps on or off in seconds
- Assures even application

# ROTATORS - BOOSTERS - CONVERTERS

## ALLIANCE ANTENNA ROTATORS



Rotator redesigned and restyled to provide faster, smoother, better efficiency. Rotation speed is 2 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** — List Price 48.68 Net 28.63

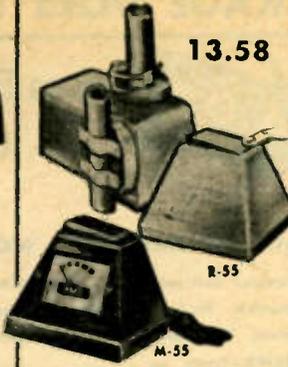
**T-12 (1 & 3)**—Manually operated with direction indicator. Needle indicates position of antenna on control panel. Has clockwise and counterclockwise revolution. Highly styled decorator case. Size: Rotator 7 3/4" x 5 1/4" x 8". Control Case 6 1/2" x 2 1/2" x 4 1/2". Operates on 110V 60 cps AC at 30 watts. Shpg. wt., 12 lbs.  
**TL-72W** — List Price 37.68 Net 24.92

**Model K-22 (1 & 4)**—Economy model—Provides positive instant finger tip control of rotation. Push on one 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** — List Price 26.95 Net 19.82

**TBB THRUST BEARING BRACKET** increases stress capacity of Tenna-Rotars up to 300 lbs. Withstands winds up to 90 M.P.H. Prevents buckling and bending. Shpg. wt., 3 lbs. TL-74 — List Price 4.95 Net 2.91

**WR-24**—4 conductor flat cable for above per ft. .03 per C ft. 2.39

## RMS ROTOR QUEEN



Here is a rotator that is engineered with out-standing quality features, but without any fancy dials to add to cost. Weather sealed all aluminum housing with maximum mast support—antenna sets 3" into drive unit. Full 320° rotation in each direction with instant braking for pinpoint accuracy. Direct gear drive for high torque—no worm gears. Lifetime oilite bronze slide thrust bearing, rust-proof parts. Guy wire supports and diagonal type base for easy installation. Control unit of mahogany polystyrene only 3 3/4" x 3 3/4" x 3 3/4". Fingertip control. Shpg. Wt. 7 lbs.

**TL-80W** ..... **R-55 ROTATOR** ..... Net 15.40  
 7-wire cable for above..... per hundred ft. 1.50  
**WR-49**..... per ft. .02  
 Directional Indicator Model. Same high quality. Low cost features as above—Plus a Directional Meter Indicator to pinpoint direction antenna is facing. Shpg. Wt. 7 lbs.  
**TL-81W** ..... **Model M-55** ..... Net 21.70  
**WR-24** & cond. cable for above .03 ft. 2.39 per C  
**ACCESSORIES**  
 Thrust bearing for R-55 and M-55  
**TL-82** ..... Net 2.91

## TWO-SET POWER BOOSTER B-24



- Boosts Signal to 1 or 2 TV or FM Sets
- Low noise broadband circuit: no tuning needed
- Built-in isolation networks: use as a two-set booster
- Covers both TV AND FM, including converted UHF channels

Positive improvement in picture and sound quality, even in deep fringe areas. Brighter, sharper pictures, 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. It is a combination of a unique low-noise frame grid amplifier tube with two exclusive Blonder-Tongue circuits, the "straight-thru" and the "couple-two". The "straight-thru" circuit boosts TV and FM signals up to two times on a single set. The "couple-two" circuit provides a vigorous boost in signal strength (up to 5 db) to two TV, two FM, or a TV and FM set.

**SPECIFICATIONS** — GAIN: For one set ("straight-thru"): 10 db on low TV band; high TV band: 7 db. For two set ("couple-two"): 5 db on low TV band and 2.5 db on high TV band. BANDWIDTH: 54-108 mc and 174-216 mc. Flat within 1/2 db. NOISE FIGURE: 4.5 db on low TV-FM band and 8 db on high TV band. INPUT: For 300 ohm balanced antenna. ISOLATION: 6 db between sets. POWER REQUIREMENTS: 117 v. 60 cycles; 0.1 amp. SIZE: 6 1/2" x 3 3/4" x 2 1/2". Shpg. wt., 2 lbs.  
**TL-102** ..... List 24.95 Net 15.95

## NEW! JERROLD AMPLIFIER TV-FM HOME SYSTEM

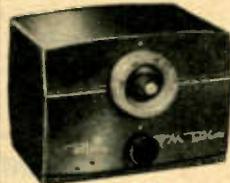


- HIGH OUTPUT, NOISE FREE AMPLIFIER
- ALL VHF CHANNELS, TV & FM RECEPTION
- SOLDERLESS, SCREW INSTALLATION
- HIGH ISOLATION BETWEEN RECEIVERS

A completely new innovation in supplying television and FM signals to a number of receivers located anywhere in the home. A low noise, high-output amplifier permits clear reception of VHF television and FM radio signals—in both fringe and metropolitan areas—and distributes the signals throughout the home over regular twin lead. AM reception can be included by utilizing one side of the distribution wiring as an AM antenna. Connection to the twin-lead is accomplished by a special tap unit that prevents interference between the receivers. The tap is designed for either flush or surface mounting and can be easily attached to baseboards or walls. Quick-disconnect plugs are supplied for connecting each receiver to any of the taps. This allows any receiver to be moved from room to room. The plug cannot be inserted into standard home AC outlets. The complete system is engineered for match to eliminate ghosting and smearing conditions, designed for simple and rapid installation. . . . the only tool needed for complete installation is a screwdriver. . . . no soldering is required. Home system kit contains all necessary items for complete installation—1-Home Amp. #HSA-46; 5-home outlets #HSA-140; 12-twin lead insulators #HS-36 and 100' of twin lead and 12-press on plugs. Shpg. wt., 7 lbs.

**TL-90 COMPLETE HOME SYSTEM KIT** — List Price 67.75 Net 49.98  
**TL-91 AMPLIFIER** — Shpg. wt., 4 lbs. — List Price 49.95 Net 33.30  
**FLUSH OUTLET**—Contains all items necessary for flush installation in a plastic outlet box or opening in wall or baseboard. Shpg. wt., 1 lb. Net 1.65  
**TL-92** — List Price 2.75 Net .30  
**TL-93 PRESS ON PLUG** — List Price 50c

## REGENCY FM TELEVERTER



- Makes any TV Set an FM Receiver

The Regency Model RC-103 TeleVerteR makes any TV set an FM receiver at the flip of a switch, yet does not interfere with normal TV reception. Utilizes the TV audio system and large speaker baffle to produce tone quality far superior to small table model FM receivers. Completely transistorized, its power source is 3 tiny penlight batteries. Simply installed by anyone in 5 minutes. Large easy-to-read dial and planetary drive make fine tuning easy and rotor sharp. Housed in attractive 4 1/2" x 6" x 4 1/2" plastic cabinet. Shpg. wt., 5 lbs.  
**TL-110-FM TELEVERTER** ..... Net 14.96  
**BURGESS Z CELLS** (3 needed) ..... .08 ea.

## BLONDER-TONGUE VHF ANTENNA BOOSTER



**MODEL AB-2** 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 most mounting brackets, may be located up to 500 feet from the remote control unit. The remote control unit may be located at any place convenient to the set. Shpg. wt., 2 lbs.  
**TL-103** ..... List 53.95 Net 32.40  
**FM ANTENNA BOOSTER MODEL AB-4M** as above but for FM band (88-108MC).  
**TL-104** ..... List 53.95 Net 32.40

## FM RANGE EXTENDER



- Full FM Bandwidth with High R.F. Output
- Increases Antenna Signal 18 Times

The "FM RANGE EXTENDER" is connected between FM receiver or tuner and antenna. Provisions for 75 or 300 ohm antenna inputs. Frequency response is ± 1 db across 20 megacycle bandwidth. Uses two tubes which enable pre-amp to achieve a minimum gain of 25 db and maximum undistorted output of 0.5 volts RMS. Operates from own internal 117 volt supply. Tubes 1-6B7A, 1-6CB6, UL approved. Shpg. wt., 4 lbs.  
**TL-94** ..... List 64.25 Net 38.55  
**T-375**—A 75 to 300 ohm impedance matching transformer for use with those tuners which have a 300 ohm input and are to be coupled to the 406A-FM which has a 75 ohm output. Shpg. wt., 1 lb. TL-95—List Price 4.95.....Net 2.91

## BLONDER-TONGUE 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 VHF channel switching; output on channel 4, 5, or 6. Complete with tubes and instructions. Shpg. wt., 4 lbs.  
**TL-100** — List Price 22.95.....Net 15.95

## B-T ULTRAVERTE 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 6AF4 and 6AB4; Power: 117 volts at 60 cps AC, 20 w. Size: 6 3/4" x 5" x 4 3/4". Shpg. wt., 4 lbs.  
**TL-101** — List Price 39.95..... Net 27.50

## UHF VHF TV SIGNAL BOOSTER



**3.95**  
 Increases video and sound output over 20%. Consists of complete IF stage which easily plugs into any receiver inside the cabinet, thus eliminating external switches and connections. Has advantages of broad band boosters but without separate tuning for each channel. Ideal for poor signal areas.  
**TS-264**, List Price 6.95 Net 3.95 less tube

# Lafayette ANTENNAS and "U-INSTALL-IT" KITS! ONE PACKAGE DOES IT — FROM ROOF TO RECEIVER

LIST 13.45

In lots of 3  
**4.95**  
EACH

try to **BEAT** these ANTENNA PRICES!  
**FULL 20 ELEMENT STACKED**  
**Snap Open Conical**

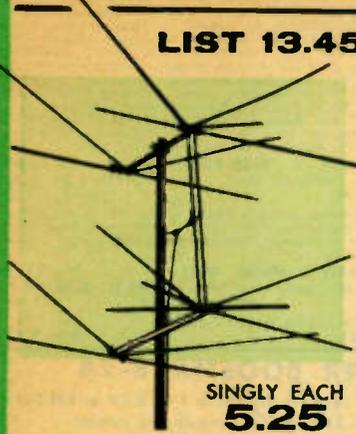
• ALL ALUMINUM • NO LOOSE PARTS • FASTEST INSTALLATIONS

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-11 with two 5 ft. masts. 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**



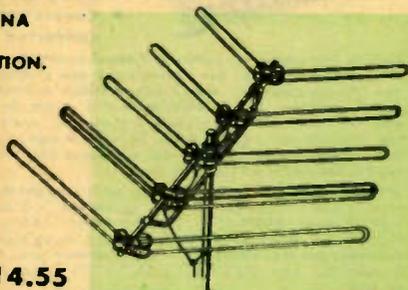
SINGLY EACH  
**5.25**

## NEW! SUPER FRINGE AREA ANTENNA

- THE MAXIMUM ANTENNA FOR YOUR AREA.
- MAXIMUM CONSTRUCTION.
- PERFECT 300Ω MATCH ON EACH CHANNEL.

The most recent advance in antenna design and construction. Extremely high gain and front to back ratio. Phasing relationship assures equal gain on all VHF channels. Eliminates channel interference. Elements are double locked in high impact Styrene plastic insulators. Automatic brackets lock and secure all elements. Completely preassembled. Entire antenna snaps open and locks in. Dual insulators prevent waver, slip and twist of elements. All aluminum construction. Single bay. Less mast. Shpg. wt., 12 lbs.

**14.55**



AN-37WX List 33.19 .....Net 14.55 AN-38WX 2 Bays stacked .....Net 29.58  
"U Install It" Kit. Includes AN-37WX and roof mount kit AM-10 with one 5 ft. mast. Shpg. wt., 20 lbs.  
AN-40WX .....Net 16.95  
Stacked Kit. Includes AN-38 and roof-mount kit with AM-11. Shpg. wt., 32 lbs.  
AN-41WX .....Net 32.69

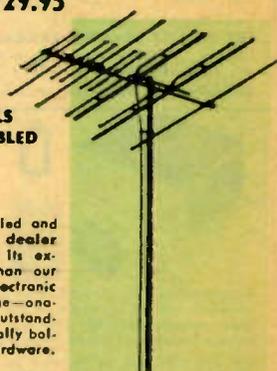
## FAMOUS BRAND COLOR 'TENNA

PRICE BREAK—Over 50% Off—List 29.95

**SALE 13.95!**

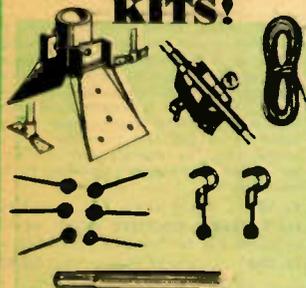
- HIGH GAIN ON ALL VHF CHANNELS
- COMPLETELY FACTORY PREASSEMBLED
- ELECTRONIC LENS DESIGN
- HIGHLY DIRECTIONAL—YAGI PERFORMANCE

Lafayette is the FIRST to offer this nationally tried and proven antenna at close to 25% off the regular dealer price. This is the same fine antenna—with all its exclusive features—that sells for dollars more than our record-breaking price. Check these features: Electronic Focusing—High Gain—all VHF channel coverage—optimized quality construction—easiest installation—outstanding fringe area reception—compact design dynamically balanced. All-aluminum construction—automatic hardware. Shpg. wt., 8 lbs.  
AN-51WX List 29.95 .....Net 13.95  
Net ea. in lots of 3, 13.25  
"Complete Kit of AN-51 antenna plus AM-12 mfg. kit as shown. Shpg. wt., 15 lbs.  
AN-52WX .....Net 16.30



**Gold Anodized**

## "U-INSTALL-IT" KITS!



All the accessory items necessary to do a quick, easy installation from roof to receiver! You get an all angle roof mount—lightning arrester—75 feet of 300 ohm twin lead—6 insulated screw eyes—2 insulated mast standoffs and a 5 ft., 1 1/2" OD steel mast. Shpg. wt., 7 lbs.

AM-10W, ea. 2.95 lots of 3, ea. 2.85  
AM-11W with 2—5 ft. masts. Shpg. wt., 10 lbs.  
Singly, 3.55 Lots of 3, ea. 3.35  
AM-12W—Same as AM-10W but with chimney mount.  
Ea. 3.25 Lots of 3, ea. 3.15  
AM-13W—Same as AM-11W but with chimney mount.  
Ea. 3.85 Lots of 3, ea. 3.75

## 8 ELEMENT CONICAL

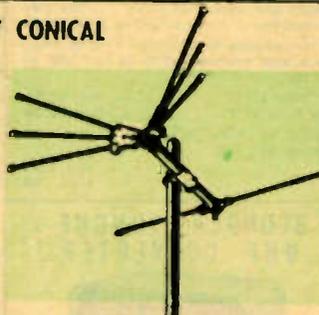
All aluminum 8 element conical. Full sized. Rugged insulator block. Designed for rapid assembly. Fan front of 6 full length elements. Real value. Shpg. wt., 4 lbs.

AN-11W .....Singly ea. Net 2.60  
Lots of 3 ea. Net 2.40

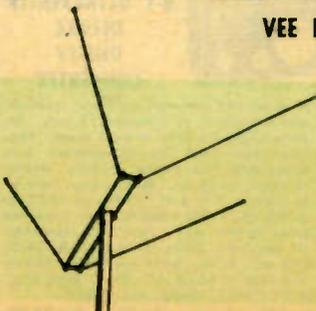
"U Install It" Kit. Includes AN-11 and roof-mount kit as shown with one 5 ft. mast. Shpg. wt., 11 lbs.

AN-33W .....Net 4.95

"U Install It" Kit. With chimney mount instead of roof mount. Shpg. wt., 11 lbs.  
AN-44W .....Net 5.50



## VEE BEAM



Popular primary area antenna. Rugged aluminum construction. Light weight easy to install. Sharply directional. Shpg. wt., 4 lbs.

AN-21W .....Net 2.29

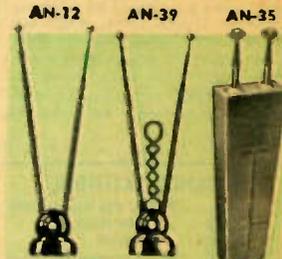
AN-20W 2 bays stacked .....Net 4.59

"U Install It" Kit. Includes AN-21W and roof mount kit, with one 5 ft. mast. Shpg. wt., 11 lbs.

AN-45W .....Net 4.70

"U Install It" Kit. With chimney mount instead of roof mount. Shpg. wt., 11 lbs.  
AN-46W .....Net 5.29

## LEADER INDOOR ANTENNAS

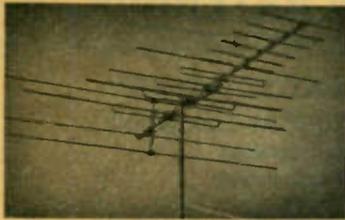


3 Section Indoor Antenna Adjustable indoor antenna. 3 section aluminum shafts. Heavy, crackle finish base. Complete with 300r twin lead. Shpg. wt., 2 1/2 lbs. AN-12.....Singly, ea. 1.15  
In lots of 3, ea. .99

Switch Type Indoor Antenna Indoor—3 position switch and crisscross phasing elements. For VHF-UHF-FM. 3 section brass elements. Bakelite ball housing. With 300r lead in wire. Shpg. wt., 3 lbs. AN-39.....Net 1.99

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. 3 section, plated, telescoping dipoles. Complete with instructions, mounting hardware and lead in. Shpg. wt., 2 lbs.  
AN-35 .....Net 1.59

# Lafayette FRINGE AREA ANTENNA KITS



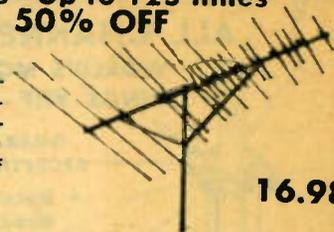
## MIRACLE 'TENNA

- AMAZING MIRACLE REFLECTOR SYSTEM ● BROADBAND COMPOUND YAGI ARRAY ● IDEAL FOR COLOR RECEPTION ● PHASED DIPOLES ● RECOMMENDED WHERE CO-CHANNEL INTERFERENCE IS ENCOUNTERED & HIGH GAIN REQUIRED

The new Miracle line of tenna TV antennas gives you the exclusive, revolutionary Miracle Reflector System. These reflectors are "Tuned" to produce highly directive results, providing the finest possible front to back ratio across the maximum number of channels. Reduces greatly side interference and vastly improves picture clarity. The Broadband Compound array has 7 active elements on the low band (channels 2 thru 6) and 8 active elements on high band (channels 7 thru 13). All aluminum construction. 1" boom with 3/4" dipoles, reinforced elements where required. Powerful "sure-grip" mast clamp and positive spring-loaded clamps for elements. Low wind resistance. Shpg. wt., 10.5 lbs.

<b>AN-64WX</b> .....	5.00 Down	Net 20.55
Kit AK-36. As above, including 20 ft. telescoping mast and accessories. Shpg. wt., 31 lbs.		
<b>AK-36WX</b> .....	5.00 Down	Net 28.95
Kit AK-37. As above, including Alliance U-98 rotator and additional accessories. Shpg. wt., 53 lbs.		
<b>AK-37WX</b> .....	6.30 Down	Net 62.95

## Famous Brand SUPER Color 'Tenna 20 Elements—Up to 125 miles OVER 50% OFF



- ELECTRONIC LEN'S DESIGN ● HIGHLY DIRECTIONAL-YAGI ENGINEERED ● COMPLETELY PREASSEMBLED ● MORE GAIN ON ALL VHF CHANNELS

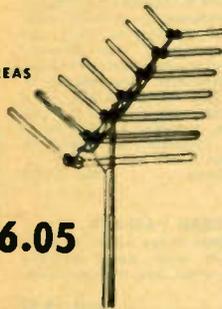
16.98

Well known, field proven, deep fringe antenna—at dollars below the regular dealer price. All the exclusive features that have made this antenna a national favorite for "problem area" reception. Electronic focussing—20 elements for more gain—quality construction—1" square crossarm—1" round driven elements—1" tubing boom brace—easy installation—automatic hardware—all aluminum construction. Dynamically balanced design—outstanding fringe area performance. Shpg. wt., 10 lbs.

<b>AN-63WX</b> .....		Net 16.98
Kit AK-34. Includes AN-63WX SUPER color 'tenna; 20 ft. telescoping mast and accessories. Shpg. wt., 30 lbs.		
<b>AK-34WX</b> .....	5.00 Down	Net 25.95
Kit AK-35. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 52 lbs.		
<b>AK-35WX</b> .....	5.14 Down	Net 51.40

## NEW "WAVEBOOSTER" 1000 SERIES

- EXTREME FRINGE AREAS
- QUADRO-GRIP ASSEMBLIES
- ALL ALUMINUM CONSTRUCTION
- AUTOMATIC ROCKET-LOCK



26.05

Extremely high gain insures high performance even where other antennas fail. Proper phasing relationship assures complete equal gain on all VHF channels. All annoying disturbances such as ghosts, snow, and co-channel interference are eliminated.

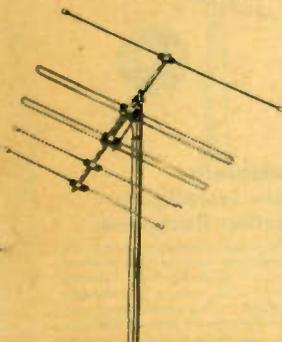
This antenna is constructed to give many years of top service. Elements are double locked in MI-Impact Styrene plastic insulators preventing stress in severe weather conditions which loosen elements and cause costly antenna breakage. All aluminum construction with fully automatic "Rocket-Lock" brackets for easy and rapid installation. Shpg. wt., 1007-16 lbs. 1007S-32 lbs.

<b>AN-150WX RMS 1007</b> —List 44.30	Net 26.05
<b>AN-151WX RMS 1007S (Stacked)</b> —List 90.00	Net 52.92

## NEW "HI-5 FM YAGI"

- DESIGNED EXPRESSLY FOR FM
- BUILT FOR RUGGED USE
- AUTOMATIC SNAP LOCK BRACKETS
- ENGINEERED FOR HIGH GAIN

6.27



No FM or High Fidelity outfit is complete without this high gain antenna which was designed for the audiophile who seeks perfection in FM reception. Extra elements on this antenna serve to pull in stations where others fail. Features a new super strength construction and double grip on all elements which assures many years of trouble free operation even under severe weather conditions. The fully automatic snap-lock brackets insure easy, rapid and secure installation. Shpg. wt., 3 lbs.

<b>AN-49WX</b> —List Price \$12.00	Net each 6.27
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## "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. Only 10% Down On Orders of \$20 Or More

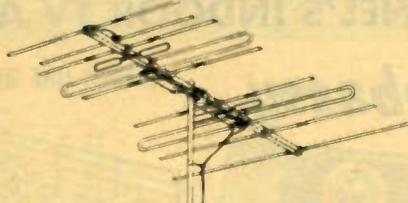
### INSTALLATION ACCESSORIES

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, telescoping mast of heavy gauge galvanized steel, 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, 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.



## DEEP FRINGE ANTENNA KITS

UP TO 150 MILES WITH FINCO GEOMATIC B-8



Kit AK-22. Includes Finco Geomatic B-8 with fidelity phasing—extreme directivity—highest front to back ratio—great strength and durability, 20 ft. telescoping mast and accessories. Shpg. wt., 30 lbs. Express shipment only.

<b>AK-22WX</b> .....	Net 29.95
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Kit AK-23. As above, including Alliance U-98 rotator and additional accessories. Shpg. wt., 52 lbs. Express shipment only.

<b>AK-23WX</b> .....	Net 63.95
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Kit AK-24. Same as AK-22 but with 30 ft. mast. Shpg. wt., 46 lbs. Express shipment only.

<b>AK-24WX</b> .....	Net 32.50
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Kit AK-25. As above, including Alliance U-98 rotator and additional accessories. Shpg. wt., 68 lbs. Express shipment only.

<b>AK-25WX</b> .....	Net 66.50
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Kit AK-26. Same as AK-22 but with 40 ft. mast. Shpg. wt., 55 lbs. Express shipment only.

<b>AK-26WX</b> .....	Net 37.95
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Kit AK-27. As above, including Alliance U-98 rotator and additional accessories. Shpg. wt., 79 lbs. Express shipment only.

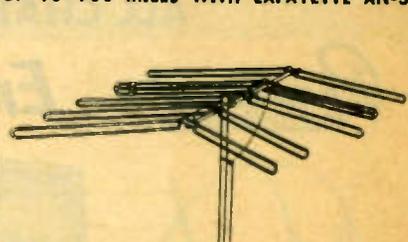
<b>AK-27WX</b> .....	Net 71.95
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**FINCO B-8**—Antenna only—Shpg. wt., 10 lbs.

<b>AN-110WX</b> .....	Net 22.93
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## LAFAYETTE'S MAXIMUM PERFORMANCE KITS

UP TO 100 MILES WITH LAFAYETTE AN-37.



Kit AK-28. Includes the AN-37 Maximum Performance antenna—most recent advance in antenna design—equal gain on all channels, 2 to 13. 20 ft. telescoping mast and accessories. Shpg. wt., 29 lbs. Express shipment only.

<b>AK-28WX</b> .....	Net 22.95
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Kit AK-29. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 51 lbs. Express shipment only.

<b>AK-29WX</b> .....	Net 48.50
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Kit AK-30. Same as AK-28 but with 30 ft. mast. Shpg. wt., 45 lbs. Express shipment only.

<b>AK-30WX</b> .....	Net 26.95
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Kit AK-31. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 67 lbs. Express shipment only.

<b>AK-31WX</b> .....	Net 51.95
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Kit AK-32. Same as AK-28 but with 40 ft. mast. Shpg. wt., 54 lbs. Express shipment only.

<b>AK-32WX</b> .....	Net 29.50
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Kit AK-33. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 78 lbs.

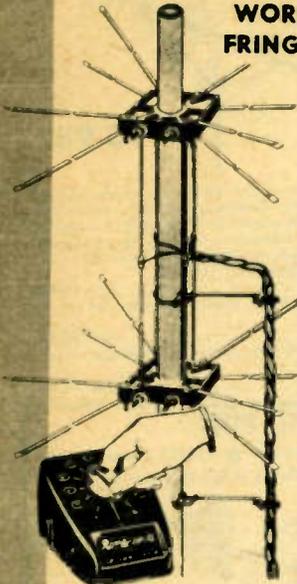
<b>AK-33WX</b> .....	Net 54.95
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**AN-37WX**—Antenna only—Shpg. wt., 12 lbs.—Net 14.55

YOUR ORDER IS SHIPPED AT THE CURRENT PRICE SO THAT YOU BENEFIT FROM ANY PRICE REDUCTION

# ALL CHANNEL ELECTRONIC ROTATING TV ANTENNAS

## ALL CHANNEL'S "RIVIERA" WORLD'S MOST POWERFUL ULTRA-FRINGER 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, 16 1/2" doweled aluminum elements are 60 inches long. Complete with switch, coupler, 45" stacking bars and 2 7/8" angle type mast insulators for Polymicalene line listed below. Shpg. Wt. 10 lbs.

AN-135WX Less Mast ..... Net **19.85**

**THE RIVIERA MUST BE USED WITH THE LOW LOSS LEAD-IN WIRE LISTED BELOW**

"U-Install-It" kit: Includes Riviera antenna, chimney mount, two rise ft. masts, 100 ft. of Polymicalene 4 conductor lead-in wire, 8 stand off insulators and complete instructions. Shipping wt., 16 lbs.

AN-42 WX ..... Net **29.95**

**ALL CHANNEL LEAD-IN WIRE FOR USE WITH RIVIERA ANTENNA**  
Special 4 conductors, matched impedance transmission line. Low loss, mica-filled Polymicalene copperweld conductors.

WR-8 - 50 ft. length .Net 5.00 WR-18 - 100 ft. length .Net 8.90

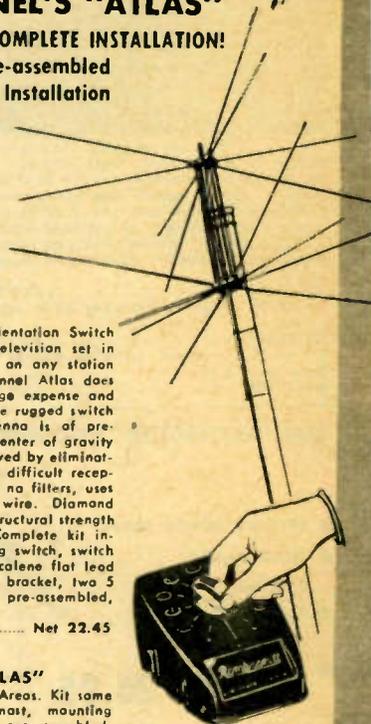
WR-9 75 ft. length .Net 7.50 over 100 ft., per 100 ft. .Net 8.90

## NEW! ALL CHANNEL'S "ATLAS"

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 television set in any location to the best possible signal on any station coming from any direction. The All Channel Atlas does more than a rotor motor without the large expense and headaches. It is very simple to install. The rugged switch assembly matches any TV set. The antenna is of pre-assembled 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, no motor control wire. Diamond embossed 45" elements. Embossing adds structural strength and adds to "pick-up" characteristics. 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 ..... 5.00 Down ..... Net **22.45**

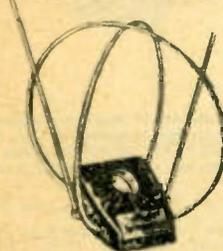
### THE SINGLE STACKED "ATLAS"

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-137 WX ..... Net **14.95**

## ALL CHANNEL'S INDOOR TV ANTENNAS

**Rembrandt**  
FOR THE FINEST TV PICTURES



**1960 MODELS**  
UP TO 100% MORE POWERFUL!  
WITH 12-POSITION DUAL CONTROL SWITCH

The only indoor TV antenna with telescoping arms that extend to 104", and using adjustable rotor 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 rotor loops coupled to arms make clearer, sharper pictures on all channels possible. Brass arms and rotor loops are lacquered to prevent tarnishing and discoloration. Translucent plastic base resists dirt, dust and smudges. Available in Mahogany and Ivory (specify). Shpg. wt. 4 lbs.

AN-138 List 16.95 ..... Net **9.95**

**Embassy**

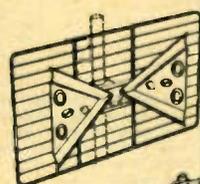


No other indoor TV antenna matches its beauty or equals its incomparable performance. They are a welcome addition to any home because no protruding gadgets spoil the functional design.

**FEATURES** — Exclusive 12-Position Dual Control Switch • 4-Section Extra Long Telescoping Arms • Reduces Ghosts and Interference • Low-Loss 6 ft. Transmission line Gives Maximum Signal Transfer • More Powerful Than Other Indoor Antennas • Translucent Plastic Housing Resists Dirt, Dust and Smudges • Polished and Lacquered Arm—No Tarnishing and Discoloration. Available in Mahogany, Ebony or Ivory (specify color when ordering). Shpg. wt., 4 lbs.

AN-139 List 19.95 ..... Net **9.95**

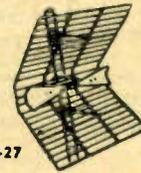
### LEADER UHF ANTENNAS



**1.95**

AN-26

**2.89**



AN-27

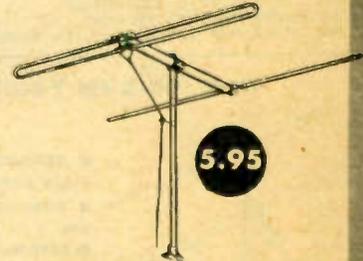
**UHF Bow Tie (a):** Preassembled-time saving design. Just unfold—tighten—and erect. Embossed aluminum elements. Single U-Bolt installation. Free spare terminals. Shpg. wt., 3 lbs.

AN-26 ..... Net **1.95**

**UHF Corner Reflector (b):** Efficient corner reflector design. Factory preassembled. Fast, easy dual U-Bolt installation. All welded reflector screen. Embossed aluminum elements. Shpg. wt., 3 1/2 lbs.

AN-27 ..... Net **2.89**

### LEADER FM ANTENNA KIT



**5.95**

- Complete
- Easy Installation
- Perfect Reception

Extreme efficiency—exceptional value—in a folded dipole FM antenna kit. Provides high gain across whole FM band. Perfect 300 ohm match—no studs or transformers needed. Ruggedly constructed—easily assembled. Kit includes 75 feet of 300 ohm twinlead, 6 screw eye insulators, 2 mast standoff insulators, 5 ft. 1 1/2" O.D. steel mast, all angle roof mount and lightning arrester. Shpg. wt., 11 lbs.

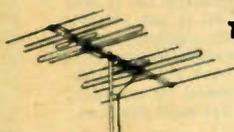
AN-47 ..... Net **5.95**

FM Antenna Kit with chimney mount; same antenna and accessories as above except with chimney mount instead of roof mount. Shpg. wt., 11 lbs.

AN-48 ..... Net **6.50**

# FINCO<sup>®</sup>

## The World's Finest- TV and FM ANTENNAS

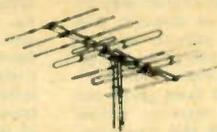


**MODEL B-8  
TWIN DRIVEN**

**\$22.93**

**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. Shipping Weight: 9 1/2 lbs.

AN-110WX List 37.50 ..... 5.00 Down ..... Net 22.93  
Model "A" STACKING KIT favors high-band. Shpg. wt., 1/2 lb.  
AN-120W List 2.00 ..... Net 1.23  
Model "C" STACKING KIT favors low-band. Shpg. wt., 1/2 lb.  
AN-122W List 3.00 ..... Net 1.82

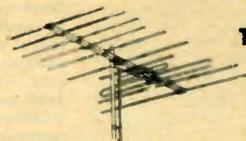


**MODEL B-7  
TWIN DRIVEN**

**\$15.23**

**MODEL B-7**—The Model B-7 embodies all of the exclusive features and fine performance of the Model B-6. However, instead of a single combination director, the B-7 features two 3-element colinear directors on high-band and an inductance-tuned low-band director. This produces even greater directivity in pattern and intensity of gain, approaching maximum possibilities. This powerful broad-band antenna with high gain and tremendous front-to-back ratio protection against adjacent and co-channel interference. Shipping Weight: 6 1/2 lbs.

AN-111WX List 24.90 ..... Net 15.23  
Model "A" STACKING KIT favors high-band. Shpg. wt., 1/2 lb.  
AN-120W List 2.00 ..... Net 1.23  
Model "C" STACKING KIT favors low-band. Shpg. wt., 1/2 lb.  
AN-122W List 3.00 ..... Net 1.82



**MODEL B-5  
TWIN DRIVEN**

**\$19.55**

**MODEL B-5, MAXIMUM FRINGE AREA**—Oversize extra heavy gauge square aluminum tube boom. All element brackets are of "Box Glider" 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. Shipping Weights: 9 1/2 lbs.

AN-112WX List 32.00 ..... Net 19.55  
Model "A" STACKING KIT favors high-band. Shpg. wt., 1/2 lb.  
AN-120W List 2.00 ..... Net 1.23  
Model "B" STACKING KIT favors low band. Shpg. wt., 1/2 lb.  
AN-121W List 2.50 ..... Net 1.53

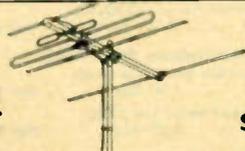


**MODEL  
B-4**

**\$10.70**

**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 1/2 wave director, and two 3-element colinear high-band directors. (Ch. 2-13). Shipping Weight: 6 lbs.

AN-113WX List 17.50 ..... Net 10.70  
Model "A" STACKING KIT to stack 2 Model B-4. Shpg. wt., 1/2 lb.  
AN-120W List 2.00 ..... Net 1.23

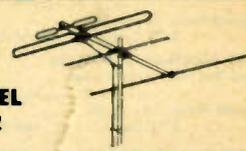


**MODEL  
B-3**

**\$8.23**

**SUBURBAN TO FRINGE OF 75 MILES OR MORE**—A Truly HOT Antenna! Includes low-band reflector, 3-element colinear high-band reflector and inductance-tuned combination director for both low-band and high-band. (Ch. 2-13). Shipping Weight: 5 lbs.

MODEL B-3 ..... Net 8.23  
AN-114WX List 13.50 ..... Net 8.23  
Model "A" STACKING KIT to stack 2 Model B-3. Shpg. wt., 1/2 lb.  
AN-120W List 2.00 ..... Net 1.23

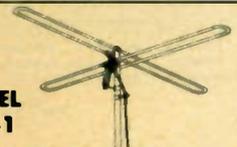


**MODEL  
B-2**

**\$4.50**

**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). Shipping Wt.: 3 1/2 lbs.

AN-115WX List 7.35 ..... Net 4.50  
Model "A" STACKING KIT to stack 2 Model B-2. Shpg. wt., 1/2 lb.  
AN-120W ..... Net 1.23

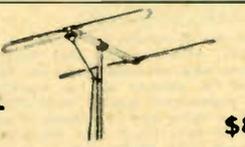


**MODEL  
FMT-1**

**\$8.53**

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. Shipping wt.: 6 lbs.

AN-116WX List 13.95 ..... Net 8.53

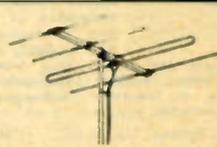


**MODEL  
FM-2**

**\$8.53**

**FINCO FM DIPOLE AND REFLECTOR ANTENNA KIT**—Folded dipole and reflector FM antenna has gain up to 3.5 db. All aluminum construction, completely pre-assembled with snap-out, self-aligning aluminum brackets. Kit contains antenna; five ft. mast; mast base; 50 ft. of 300 ohm twin line; two mast stand-off insulators; three screw eye stand-off insulators, and installation instructions. Shipping weight: 6 1/2 lbs.

AN-117WX List 13.95 ..... Net 8.53  
Model FMS STACKING KIT to stack 2 Model FM-2. Shpg. wt., 1/2 lb.  
AN-123W List 3.20 ..... Net 1.97

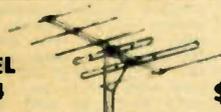


**MODEL  
FM-3**

**\$7.64**

**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. Shipping weight: 5 lbs.

AN-118WX List 12.50 ..... Net 7.64  
Model FMS STACKING KIT to stack 2 Model FM-3. Shpg. wt., 1/2 lb.  
AN-123W List 3.20 ..... Net 1.97

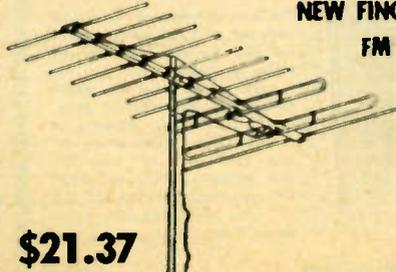


**MODEL  
FM-4**

**\$14.64**

**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. Shipping Wt.: 6 1/2 lbs.

AN-119WX List 23.95 ..... Net 14.64  
Model FMS STACKING KIT to stack 2 Model FM-4. Shpg. wt., 1/2 lb.  
AN-123W List 3.20 ..... Net 1.97



**NEW FINCO FM-5 GOLD CORODIZED BROAD BAND  
FM ANTENNA TO ELEMENT. 88 TO 108 MC.**

**\$21.37**

New FM super-deluxe twin drive antenna is designed on Finco ultra high geometric 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 corodized. 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., 8 1/2 lbs.  
AN-124WX List 34.95 ..... 5.00 Down ..... Net 21.37



# TELEVISION ANTENNAS

## VX-III SATELLITE HELIX 28 ELEMENTS — UP TO 150 MILES

• Flattens the Mountains • Shrinks the Miles

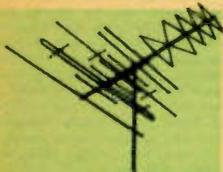


**27.93**

28 working elements for full throttle power. A real long range performer that outpulls them all. Introduces the balanced sleeve dipole system—a giant step in TV antenna technology. Electrically enlarged capture area for as much as 35% greater gain on all channels. New spatial relationship of parasitic and collector elements achieves up to 15 to 1 (low band) and 18 to 1 (high band)—front-to-back voltage ratios. Multiple driver dipoles provide sharper directivity—cut down ghosts and reflective pick-up. Broadly resonant operation reduces reactance—leaves highly resistive 300 ohm impedance. Results up to 95% of signal received becomes usable at set. Flat band pass—ideal for color. Wide vertical

angle helps capture refracted signals in hilly terrain. Revolutionary new 28-element design (no larger than other conventional fringe antennas) delivers unprecedented gain. Rock-of-gibraltar ruggedness! Six 1/2 inch o.d. seamless aluminum elements. All 3/4 inch elements over 30 inches reinforced by 1/8 inch aluminum dowels. Unbreakable insulators made of low-loss weather-proof Kralastic B. Heavy-duty double U-bolt end profile assembly for super-rigidity. All-aluminum for permanent corrosion resistance. Single Bay, less mast. Shpg. wt., 15 lbs.

AN-70WX List 47.50 ..... 5.00 Down ..... Net 27.93



**AX711  
GOLD ANODIZED  
STAR-HELIX  
  
UP TO  
100 MILES**

Super sensitive helix antenna for suburban and rural reception where high sensitivity is needed, or for urban master-antenna systems. Beautiful gold anodizing prevents corrosion, maintains appearance and performance. Less Mast. Shpg. wt., 8 lbs. Single, 18 lbs. Stacked.

AX711 Single Bay Helix. List 29.95

AN-71WX ..... Net 17.61

AX711S Stacked Helix. List 61.50.

AN-72WX ..... 5.00 Down ..... Net 36.16

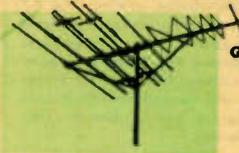
### All-Aluminum Star-Helix

SX711. Single Bay Helix. List 25.50

AN-73WX ..... Net 15.00

SX711S Stacked Helix. List 52.50

AN-74WX ..... 5.00 Down ..... Net 30.87



**AX911  
GOLD ANODIZED  
POWER-HELIX  
  
UP TO  
125 MILES**

Highly efficient due to its poly-phase triole-resonator system, this antenna is specially recommended for weak and reflective signal areas requiring extreme sensitivity and directivity. Shining gold anodizing protects antenna and preserves appearance. Less mast. Shpg. wt., 10 lbs. Single Bay; 16 lbs. Stacked.

AX911 Single Bay Helix. List 39.95.

AN-75WX ..... 5.00 Down ..... Net 22.49

AX911S Stacked Helix. List 82.50.

AN-76WX ..... 5.00 Down ..... Net 48.51

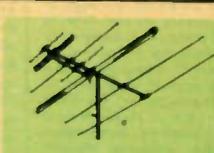
### All-Aluminum Power-Helix

PX911 Single Bay Helix. List 35.00.

AN-77WX ..... 5.00 Down ..... Net 20.58

PX911S Stacked Helix. List 72.50.

AN-78WX ..... 5.00 Down ..... Net 42.63



**AB500  
GOLD ANODIZED  
FIREBALL  
  
UP TO  
75 MILES**

Outstanding antenna for near-fringe, suburban and urban areas, possessing high gain, excellent directivity and clean design aimed at speedy installation. Gold Anodized for long life and top performance. Less Mast. Shpg. wt., 6 lbs. Single Bay, 11 lbs. Stacked.

AB-500. Single Bay. List 21.50.

AN-79WX ..... Net 12.64

AB500S. Stacked. List 47.00.

AN-79WX ..... 5.00 Down ..... Net 27.64

### All-Aluminum Fireball

AN-81WX, FB500 Single. List 15.30 ..... Net 9.00

AN-82WX, FB500S Stacked. List 32.95 ..... Net 19.37



**JET 661 STACKED CONICAL  
UP TO 50 MILES**

No other conical assemblies so fast, performs so well. The all-aluminum conical that made antenna history. Over 1,000,000 in use today! Completely pre-assembled at the factory. Exclusive jet-action assembly saves on

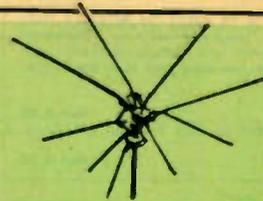
the job time and labor. One inch square aluminum boom. Massive unbreakable dipole head made of low-loss weather-proof high dielectric material. Shpg. wt., 8 lbs.

AN-83WX. Stacked. List 17.95 ..... Net 10.55

Model JET660 1-Bay Jetenna Conical, Single bay.

Shpg. wt., 4 lbs.

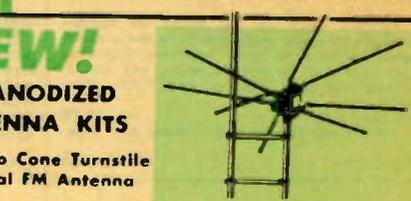
AN-84WX. List 9.60 ..... Net 3.44



**NEW!  
GOLD ANODIZED  
FM ANTENNA KITS  
AFM100 Stereo Cone Turnstile  
All-Directional FM Antenna**

For areas where FM stations are located in different directions. 360° all-dimensional high fidelity reception. Gleaming gold anodized aluminum, the Stereo Cone Turnstile FM antenna kit has everything you need for a professional quality installation. All it takes is a screw driver and 15 minutes of your time. Nothing else to buy. You'll hear the brilliant difference in your high fidelity FM system. Easy-to-follow illustrated instructions make it fun to install too. Shpg. wt., 4 1/2 lbs.

AN-85WX List 15.95 ..... Net 9.38



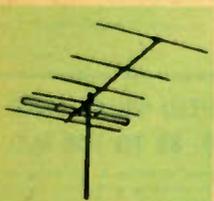
AFM150 Stereo Cone Turnstile "Attach-It" FM Antenna. For existing TV antenna installations. Features same stereo cone all-directional design. Shpg. wt., 4 lbs.

AN-86WX List 11.95 ..... Net 7.03

AFM175 Same as AFM150 kit plus 1 mast stand off, 50 ft. 80 mil. 300 ohm twin lead and 3 1/2" and 7 1/2" wood screw eyes. Shpg. wt., 4 lbs.

AN-87WX List 13.95 ..... Net 8.20

**NEW AFM300 HI-FI STEREO  
FRINGE FM ANTENNA**



**13.82**

For remote areas where good FM reception is difficult, and where stations are located in one general direction. Super-powerful 6-element Yagi design results in ultra-

high gain, sharply directive characteristic that reaches out further to pull in more FM stations. Exclusive "balanced sleeve" dipole system increases antenna capture area. Entirely made of gleaming corrosion-proof aircraft aluminum. One inch square aluminum crossarm and 1/2" seamless dipoles for added ruggedness. Will give you uninterrupted FM enjoyment the year 'round, rain or shine. Shpg. wt., 5 1/2 lbs.

AN-88WX List 23.50 ..... Net 13.82

**TA359 PERISCOPE INDOOR ANTENNA**

• Direct replacement for  
RCA-Magnavox-Motorola

**3.50**



The newest Periscope. Especially designed with an unique turret ball-joint for unlimited 360° rotation of elements to pick up remotest signal from any direction in an urban location. Nickel-plated brass dipoles. Attaches in minutes. Direct replacement for RCA 1957 14", 17" and 21" sets; Magnavox 1956 and 1957 17" sets; Motorola 1956 14" and 17" sets; plus many other portable TV sets. Shpg. wt., 2 lbs.

AN-89. List 12.95 ..... Net 3.50

**JFD MERLIN INDOOR TV ANTENNA**



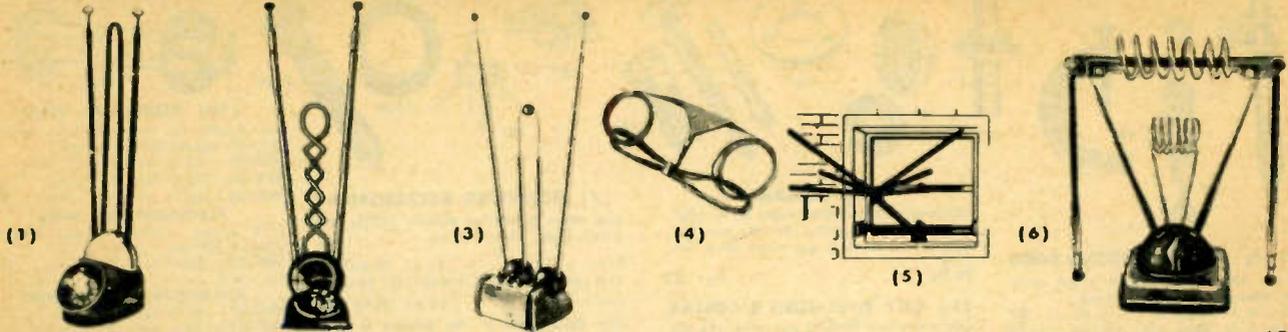
**4.95**

The indoor TV antenna that hides behind your set! Engineered for power-packed pictures on all channels—black and white, color, FM, too. Styled to flatter decor—drops down out-of-sight when not in use. Installs easily on back of any TV set. The reactance compensated dipole that powers the picture—hides behind your set. No landlord's permission needed. . . . no rentals or permits to pay for when you do-it-yourself with the JFD Merlin. Shpg. Wt. 2 lbs.

AN-90. L10 Ivory. List 14.95 ..... Net 4.95

AN-91. L20 Mahogany List 14.95 ..... Net 4.95

# INDOOR ANTENNAS • TV TABLES • TUBESAVERS



## NEW SNYDER SUPER S3-D (1)

This great indoor antenna features the new Directronic 12 position beam selector switch, gives the clearest picture on every channel and aids in eliminating ghosts. The newly designed 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 with gold tone trim. Collapses to only 15", extends to a full 42". Is shorter than conventional indoor antennas. Shpg. wt., 3 lbs.

AN-160—List 12.50 ..... Net 3.95

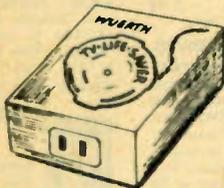
## SNYDER 3-D (2)

New indoor antenna features the famous Snyder Directronic 6-position Beam Selector Switch! Gives the clearest picture on every channel—INSTANTLY—no waiting! Covers all channels from 2 to 83! New criss-cross phasing element gives high variety of circuit arrangements. Aids in impedance matching, ghost elimination and orientation. Two 3-section gold tone brass shafts. Brass plated phasing bar. Shpg. wt., 2½ lbs.

AN-161—List 7.95 ..... Net 2.79

## WUERTH TUBE SAVER

LENGTHENS TUBE LIFE — INCLUDING PICTURE TUBE! PROTECTS T.V.—HI-FI—P.A. Any Electronic Equipment Up to 400 Watts!



New device prolongs life of all electronic tubes including cathode ray tubes! 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 2½" x 1½". 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 & RELAY



A Surgistor is connected directly into the power line circuit of any electrical device. It's 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

## SNYDER 5-D (3)

Latest development in all channel coverage, this antenna features an 8 position push-button beam selector, tri-section dipoles and dual phasing element. These combine to give a variety of circuit arrangements enabling selection of best reception for the channel being tuned. Attractive gold tone elements and switch housing. Shpg. wt., 5 lbs.

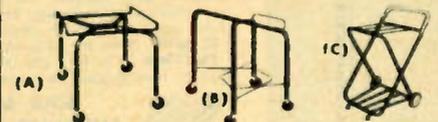
AN-162—List 12.95 ..... Net 5.50  
Lots of 3, each 4.98

## FM TWIN LINE ANTENNA (4)

This is of the 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 hidden place. Antenna is covered with long lasting quality plastic, and designed to the center of the FM Band. Shpg. wt. 4 lbs.

AN-50 List 2.10 ..... Net 1.23

## "ROLL-A-ROUND" TV TABLES



(A) Portable TV table with adjustable top to accommodate practically any full size TV set. Can be moved around on its own large free rolling casters. One minute assembly—just insert casters and tighten bolts. Sturdy tubular steel construction. Deluze, satin black finish. Shpg. wt., 11 lbs.

TL-44 Black Finish ..... Net 3.29  
TL-45 Brass Finish ..... Net 4.39

Optional shelf (NOT ILLUSTRATED) can be hooked on above casters for added strength and storage space to TL-44 and TL-45. Shpg. wt., 2 lbs.

TL-53 ..... Net 1.10

(B) Portable TV table specially designed for the new, compact portable sets. Accommodates all sizes up to 14". Designed for the proper viewing angle. Other construction features similar to (A). Shpg. wt., 11 lbs.

TL-47 Black Finish ..... Net 3.10  
TL-48 Brass Finish ..... Net 4.19

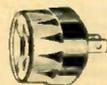
(C) This portable cart can be used as a TV Carrier with extra storage space, Porto-bar, Server, bedside tray, and Hi-Fi carrier. Assembles in 1 minute. Handmade crafted ½" steel tubing, 6" rubber tire patio wheels. Top shelf height 26", plus rugged steel utility shelf on bottom. Finished in brass and satin black. Shpg. wt., 10½ lbs.

TL-54 WX List 19.75 ..... Net 6.69

## TV TUBE GUARD

- ADDS LIFE TO RADIO AND TV TUBES

# 83c



Here's your chance to cash in on a small investment. The "Tube Guard" will pay for itself many times over by greatly reducing costly vacuum tube replacements. Here's how it operates. When tubes are cold, current rushes in at about 8 times the normal rating—reducing the tube life. The Tube Guard, checks this 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

## CONICAL WINDOW ANTENNA (5)

Contains 4 full-sized elements plus 2 high frequency dipoles which delivers hi-gain all channel performance. Installs by placing ends of base against window frame and tightening nuts. Base spans up to 44" to fit all standard window frames. Durably constructed of weather resistant seamless aluminum. Matches 72, 150 or 300 ohm lead-in. Adjustable in all directions for maximum signal pickup. Shpg. wt., 3 lbs.

AN-22 List Price 12.35 ..... Net 4.95  
AN-23 Extension bar for up to 60" window. Net 1.35  
AN-24 Extension bar for up to 72" window. Net 1.89

## K-G DELTA BEAM (6)

Combines principles of Helix coil, folded dipole, straight dipole and Delta match transformer. 6 position switch matches line impedance and resonates antenna to match receiver input circuit. Covers all channels 2-83. Half ball swivel on clear plastic base to beam antenna in best direction. Mounted on rubber. Shpg. wt., 4 lbs. List 9.95.

AN-170 ..... Net 4.90

## AUTOMATIC TV VOLTAGE REGULATOR MODEL D-200



- RETURNS FULL HEIGHT AND WIDTH OF PICTURE WHEN LOW LINE VOLTAGE CAUSES DISTORTION OF PICTURE
- ELIMINATES INTERMITTENT SYNC AND OSCILLATOR DRIFT
- AUTOMATICALLY BOOSTS TO 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. 2½ lbs.

TR-108 PERMA-POWER MODEL D-200—net each 5.85  
PERMA-POWER MODEL D-101—Manual model, can also be switched for high line voltage adjustments.

TR-20 ..... Net 4.09

## ACME T8394M VARIABLE VOLTAGE ADJUSTER



300 W. continuous duty variable transformer. Adjusted by rotary top 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 4¼" x 4" x 5". Shpg. wt., 9 lbs. TR-14 ..... Net 11.32

## 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 2.06  
TS-116 250 watts ..... Net 2.06  
TS-117 300 watts ..... Net 2.06  
TS-118 375 watts ..... Net 2.06

## TV LINE VOLTAGE REGULATOR

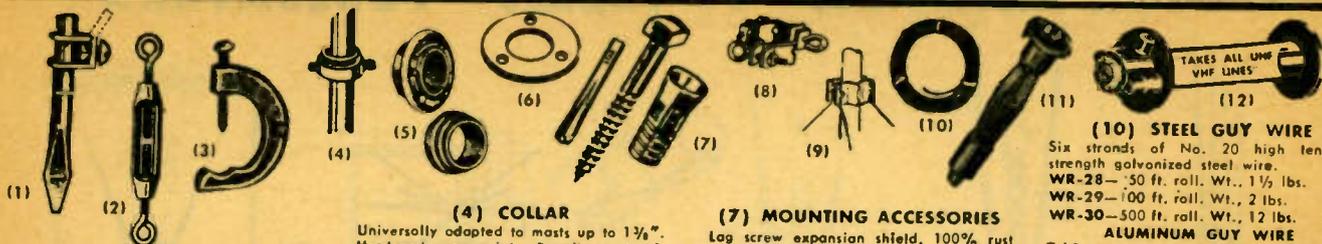


A protective unit designed to keep line surges from damaging TV or radios. Surges reduced from max. 140 V. down to 110 V. Saves tubes, fuses, etc. Plug into outlet and receiver into unit. Shpg. wt., 1 lb.

Clarostat TVA 200 to 300 watts ..... Net 2.05  
Clarostat TVB 300 to 375 watts ..... Net 2.35

DON'T FORGET LAFAYETTE'S MONEY BACK GUARANTEE

# TOWER • MAST • ACCESSORIES



## (1) 3/8" PLATED GROUND RODS

For use where pipe ground is not available. Heavy steel yoke for head.  
 TL-15—4 ft. Shpg. wt., 1 1/2 lb. .47  
 TL-16—6 ft. Shpg. wt., 2 1/4 lb. .59

## (2) STEEL TURNBUCKLES

Takes up guy-wire slack. Rustproof galvanized steel. Size: 7/8" open, 5/8" closed. Shpg. wt., 8 oz.  
 TS-72 .13  
 10 for .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 1/2". Hardened cone points. Permits mast orientation when using guy wires. Shpg. wt., 2 oz. TS-78 .27

## (5) GUY WIRE RING & COLLAR

Cast aluminum floating guy wire ring and collar that will permit permanent fastening of guy wires, yet permit complete orientation of the mast. Will fit masts up to 1 1/2". Shpg. wt., 1 lb. TS-79 1.06  
 TS-80—Same as above but will take masts up to 1 1/4" .12

## (6) FLOATING GUY RING

Free-floating. Will not bind. Retains guy wire securely. Galvanized steel. Shpg. wt., per pkg., 10 ozs.  
 TS-66. For 1 1/4" mast. Pkg. of 5 .38  
 TS-67. For 1 1/2" mast. Pkg. of 5 .49

## (7) MOUNTING ACCESSORIES

Log screw expansion shield. 100% rust proof. Shpg. wt., 10, 2 oz.  
 Net .09 ea. 10 for .81  
 Log bolts, 1/4" diam. shank 1 1/2" long.  
 Net .04 ea. 10 for .36  
 Star drill, 1/2" x 8" for drilling in concrete, brick or stone. Shpg. wt., 12 oz.  
 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 .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. TS-76 .21

## (10) STEEL GUY WIRE

Six strands of No. 20 high tensiled strength galvanized steel wire.  
 WR-28—50 ft. roll. Wt., 1 1/2 lbs. .35  
 WR-29—100 ft. roll. Wt., 2 lbs. .59  
 WR-30—500 ft. roll. Wt., 12 lbs. 2.78

## 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. .68  
 WR-31—100 ft. coil. Wt., 2 1/2 lb. 1.20  
 WR-32—500 ft. coil. Wt., 13 lb. 5.90

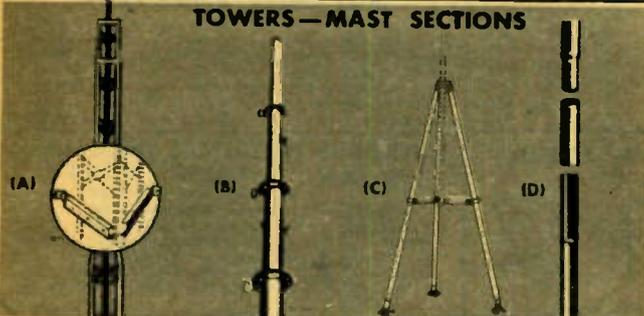
## (11) WALL GRIPS

Hollow Wall Screw Anchors  
 Reliefs at "Knees" allow expansion with less screwdriver torque. 2 1/2" long, 3/8" body, 1/8" sleeve. With 10-24 screw.  
 TS-207 Shpg. wt., 6 oz. Net 12c  
 Lots of 10 .95c

## (12) UNIVERSAL BUSHING

Fits all types of coaxial or twin-lead wires. Fits walls up to 1/4" thick. Requires 3/8" hole.  
 TS-22 Shpg. wt., 1 lb. Net ea. .85

## 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.	Height	Secs.	Weight	Net
TL-123X	8"	1	25	14.15
TL-124X	16"	2	41	21.79
TL-125X	24"	3	56	27.59
TL-126X	32"	4	72	32.89
TL-127X	40"	5	88	42.20

House Bracket, Shpg. wt., 5 lbs.  
 TL-128X . Net 3.67  
 Roof Mount Base, Shpg. wt. 2 lbs.  
 TL-129X . Net 2.88  
 Guy Station, Shpg. wt. 4 lbs.  
 TL-130X . Net 3.25

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"). #3 (1 3/4"). #4 (2"). #5 (2 1/4"). Shipping express only.

50-FT. MAST—Consists of all 5 sections 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.

TL-62WX . Net 10.05  
 30-FT. MAST. Consists of 3 sections. Nos. 1, 2, and 3. Height 30 feet. Shpg. wt., 21 lbs.

TL-61WX . Net 7.28  
 20-FT. MAST. Consists of 2 sections. Nos. 1 and 2. Height 20 feet. Shpg. wt., 14 lbs.

TL-60WX . Net 4.58

## (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 nuts 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.  
 TL-64WX Wt., 5 1/2 lbs. . Net 4.46  
 9 Foot Installation. Use with 1 1/2" O.D. x 5" mast or 10 Foot Installation. Use with 1 1/2" O.D. x 10" mast.  
 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. 18 gauge-heavy well-high tensile strength. Rust and corrosion proof. Swaged for stacking.  
 TL-66W 5 ft. Wt., 1 1/2 lbs. 1.20  
 TL-17WX 10 ft. Wt., 2 1/2 lbs. 2.30  
 10 Ft. Mast shipped via express only.

GOLD ANODIZED ALUMINUM MASTING  
 • IDEAL MAST FOR GOLDEN ANODIZED ANTENNA

This Golden Anodized aluminum mast will outlast any antenna. Made of a tough, extra strong, drawn aluminum alloy. This .050" wall mast is stronger than a 20 gauge steel mast. Permanently eliminates corrosion problems. Ends are swaged for "jam-fit" so that two or more masts may be telescoped together.  
 TL-115W 5 ft. Wt. 1 1/2 lbs. . Net 1.70  
 TL-116WX 10 ft. Wt. 2 1/2 lbs. Net 3.26

ALL ANGLE BASE and ROOF MOUNT

ZUB2 1/4. 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 weather-proofed steel. Takes any mast up to 2 1/4" O.D. Complete with hardware. wt., 2 lbs.  
 TS-37. List 3.05. . Net 1.79

## 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

## GUY WIRE FASTENER

Simply draw guy wire through the "grip-ite" loop wire back, and twist once. Used extensively in armed service communication installations.  
 TS-320 Shpg. wt., 4 oz. . Net .69

## PRECISION CLARIFIER



New television picture "Clarifier." 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 x 3 1/4 x 1 1/2. Shpg. wt., 7 oz.  
 TS-123—List 7.50. . Net 4.41

## MILLER HI PASS TV 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 7/8 x 3 1/2. Shpg. wt., 1/2 lb.  
 TS-321—300 Ohm Line . Ea. 3.23

## JFD INTERFERENCE ELIMINATOR



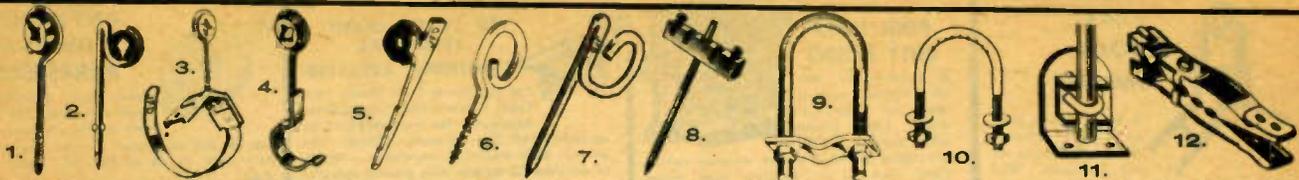
Gets rid of all interference below 50 megs—ham—diathermy—industrial—etc. No effect on signal strength. No ground needed. Mounts on back of set. For 300 ohm lines. Shpg. wt., 1/2 lb.  
 TS-235 HP-50—List 4.50 Net Each 2.65

## TV-FM INTERFERENCE FILTER



Hi-pass filter passes all frequencies above 40mc. Rejects all frequencies below 40mc. 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.  
 TS-265 . Net 2.97

# 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. shgp. wt., 10 oz. (5/pkg.).

TS-10-3 1/2" ..... 3¢ ea. 5 for 12¢  
 TS-11-5" ..... 5¢ ea. 5 for 18¢  
 TS-12-7 1/2" ..... 6¢ ea. 5 for 24¢  
 TS-24-3 1/2" Alum. .... 4¢ ea. 5 for 17¢

**2. DRIVE-IN STANDOFF** Made of galvanized steel. Av. shgp. wt., 5 oz. (5/pkg.).

TS-20-3 1/2" ..... 5¢ ea. 5 for 18¢

**3. ADJUSTABLE STRAP-TYPE STANDOFF** Fits any size mast. Av. shgp. wt., 10 oz. (5/pkg.).

TS-16-3 1/2" ..... 11¢ ea. 3 for 24¢  
 TS-17-7 1/2" ..... 15¢ ea. 3 for 29¢  
 TS-25-Stainless Steel, 3 1/2" ..... 9¢ ea. 3 for 25¢

**4. "CLIP-ON" STANDOFF** Attach to mast instantly—"Click" and they're on. 3 1/2" long. Av. shgp. wt., 6 oz. (3/pkg.).

TS-22—For 1 1/4" mast. 6¢ ea. 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. shgp. wt., 4 oz. (5/pkg.).

TS-36-3 1/2" long ..... 7¢ ea. 5 for 30¢

**6. GUY WIRE HOOK EYE** Strong and permanent anchoring. Made of galvanized steel. TS-71 10 oz. 5/pkg. 5¢ ea. 5 for 23¢

**7. DRIVE RING** Acts as dependable anchor for any guy wire when hammered in at an angle. Made of galvanized steel. TS-74, 10 oz. (5/pkg.) 5¢ ea. 5 for 23¢

**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. wt., 5 oz. (5/pkg.).

TS-291-5" wood screw. 13¢ ea. 5 for 55¢  
 TS-292-7 1/2" wood screw ..... 14¢ ea. 5 for 60¢

TS-293-5" strap type 15¢ ea. 3 for 39¢

TS-294-7 1/2" strap type 16¢ ea. 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 ..... 15¢ ea. 2 for 25¢

**10. U-BOLT** Made of galvanized steel. Supplied with nuts and washers in place. TS-70 4 oz. (2/pkg.). 6¢ ea. 2 for 10¢

**11. ALL-ANGLE MOUNT** Permits setting of 1/2 to 1 1/2" 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. Con't short out. Av. wt., 10 oz. (5/pkg.).

TS-10 ..... 10¢ ea. 5 for 42¢

## • BIG SAVINGS • SCREW-EYE INSULATORS

3 1/2" wood-screw type with genuine polyethylene universal inserts for TV line. Shgp. wt., 1 1/2 lb.

TS-10—Box of 50, 98

Box of 500. Shgp. wt., 15 lb.  
 TS-40 ..... 7.50



## UNIVERSAL TWIN-LEAD CONNECTORS

The plug of one thousand uses. Fits all transmission line sockets as well as 1/2" crystal holder and octal tube sockets. Solder less. Shgp. wt., 2 oz.

TS-102 ..... .19  
 Notes with transmission line plug above for constant impedance solderless connection of 300-ohm line. Shgp. wt., 2 oz.  
 TS-101 ..... .19



## TWIN-LEAD POLARIZED CONNECTORS

Polystyrene blocks, keep leads properly polarized no matter how often disconnected. For standard 300-ohm line. Each half measures 1/4" x 3/4" x 3/4". Wt., 3 oz.  
 TS-103—per set ..... .37



## TWIN LEAD SOCKET

Speeds splicing without need for twisting or soldering.

TS-104 Wt., 2 oz. 11¢ ea. 10 for 99¢

## 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. Shgp. wt., 2 oz.  
 TS-35 ..... 18



## BAKELITE KNIFE SWITCH

Quantity limited. Excellent for TV antenna switching. Heavy metal parts mounted on bakelite base. Double pole, double throw. Shgp. wt., 4 oz.  
 SW-24 ..... 10 for 1.75



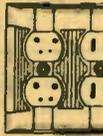
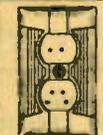
Quantity limited. Excellent for TV antenna switching. Heavy metal parts mounted on bakelite base. Double pole, double throw. Shgp. wt., 4 oz.  
 SW-24 ..... 19

## DUPLEX TV RECEPTACLE & WALL PLATE

Complete, convenient package. Use for 2 TV sets or TV and FM. Neat, professional installation appearance. Fits standard outlet box. Ivory only. Shgp. wt., 1/2 lb.

TS-249 ..... Net 1.02  
 TS-247-2 Contact Plug for 300 Ohm Lead ..... Net .18  
 TS-295—Duplex TV receptacle with wall plate, providing one 300 ohm & one 4 wire outlet. List 2.03 Wt. 8 oz. Net 1.20  
 TS-296-4 wire plug for above, 300 ohm leads. List .59 Shgp. wt., 8 oz. Net .34

The complete socket and plate combination. —puts both outlets in one location. Use with standard wall box. Ivory only. Shgp. wt., 1/2 lb.  
 TS-246 ..... Net 1.58



## MULTI-TV WITH 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. Shgp. wt., 2 oz.

TS-297—list 1.97  
 Net ea. 1.16  
 Lots of 3 1.05 ea.

## 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. Shgp wt 2 oz.  
 TS-298—List 73¢  
 Net each 43¢ ..... Lots of 3 38¢ ea.



## "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 Shgp. wt., 10 oz. Net .35



## INTERLOCK LINE CORD

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. Shgp. wt., 1 lb.

TS-105-6 ft. brown cord ..... .25  
**INTERLOCK TV LINE SOCKET-B**  
 Conventional male interlock socket. Standard type used on all television receivers. Heavily plated contact pins. 1 1/4" mounting centers. Shgp. wt., 6 oz.  
 TS-106 ..... .09

**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. Shgp. wt., 8 oz.  
 RCA 240A1 ..... Net 1.15

**TV TUBE "BRITENER"**  
 Absolutely no tools or soldering needed for installing this handy inexpensive tube rejuvenator. 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 in lots of 10, each. 79¢—singly 89¢  
 .79 EACH in lots of 10

**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. Shgp. wt., 6 oz.  
 TS-153 per set ..... .58

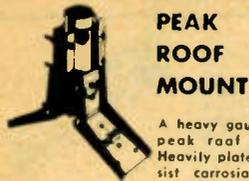
**DELUXE TV SERVICE LITE**  
 Keep your hands free. Spring clamp with rubber covered ends attaches anywhere in T.V. cabinet. 4 1/4" highly polished aluminum reflector uses standard 25 watt bulb. Complete with 6 ft. cord and plug, less bulb. Shgp. wt., 1 1/2 lbs.  
 MS-63 ..... Net 1.59

**UNIVERSAL 110° CRT REJUVENATOR**  
 A new Universal picture tube brightener designed for application on 110° picture tubes. 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. Shgp. wt., 1 lb.  
 TS-283—For Sylvania Type 110° Tubes. Net 2.20  
 TS-284—For RCA Type 110° Tubes. Net 2.20



YOUR ORDER WILL RECEIVE PROMPT, EFFICIENT SERVICE AT LAFAYETTE

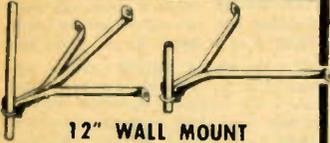
# POPULAR PRICED TV ACCESSORIES



## PEAK ROOF MOUNT

A heavy gauge steel peak roof mount. Heavily plated to resist corrosion. Will accommodate masts 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**



## 12" WALL MOUNT

Completely constructed of steel, using extra heavy gauge steel tubing which will not bind. Protected against corrosion by the ALCOTE 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-230 Singly Each **2.19**

Lots of 3, Each **1.95**

## ADJUSTABLE 18" WALL MOUNT

TS-88 Net each **3.37**

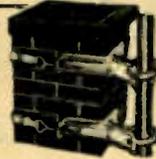
Lots of 3 Each **3.06**

## 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.

TS-245. List 8.05 Net **4.73**

Lots of 3 Each **4.13**



## NO RUST BARGAIN MOUNT

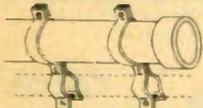
Singly Each **1.98**

The ideal chimney mount for life-long satisfactory service under the most severe conditions. Hot dip galvanized steel "V" 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**

## 4" SNAP-IN VENT PIPE MOUNT



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.

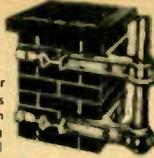
ONLY **1** bolt to secure mast in place. bolt to lock bracket to vent pipe. Shpg. wt., 2 lbs.

TS-289. List Price 2.10 Net each **1.23**

## PENN SUPER DUTY 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.

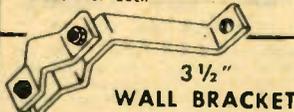
TS-91. Ea. 5.20 Lots of 3 ea. **4.68**



## 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**



## 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¢**

In lots of 6 ea. **39¢**

## NO RUST ALUMINUM BRACKET

Carriage bolts and front locking nuts for easy installation. Takes masts up to 1 1/2". Two brackets complete with special full thread hex head lag screws. Made of high strength aluminum. Shpg. wt. 1 lb.

TS-288. List Price 1.92 Net each **1.15**

In lots of 3 each **1.05**



## STAINLESS STEEL STRAP KIT

Singly, ea. **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. Lots of 3 Each **1.34**

## 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**



## 4-WIRE ARRESTER

Chisel point contact eliminates stripping; tightening nut completes installation. Low-loss polystyrene case. Also usable with standard TV-FM ribbon. Shpg. wt., 1 lb.

TS-59. Singly Each **.88**

In lots of 6 Each **.79**

## JFD "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 JFD 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, List \$2.25. Net **1.32**



## RCA LIGHTNING ARRESTER

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. 2 lbs.

TS-16-AT110 — far wall or window sill. Net **.88**

TS-17-AT1105 — for pipe mounting. Net **1.03**



## RCA OUTDOOR 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 ounces.

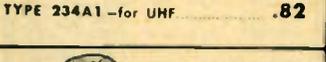
TYPE 214X1 **.65**

TYPE 235A1 — for UHF **.90**



Approved by Underwriters Laboratories for outdoor as well as indoor installations. No special tools are needed for direct mounting on wood. Weather-proof and non-corrosive. Will not affect line impedance. Easily installed on cement or stone surfaces. Shpg. wt., 6 oz.

TYPE 234A1 — for UHF **.82**



## 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/I approved. Shpg. wt., 10 oz.

TS-11 — Lots of 10 Each **.29**

Singly **.35**

## AMPHENOL 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.

AMPHENOL 114-328 NET **.79**

## 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. Sealed in col-plast for climate proof permanency. Transfers maximum signal strength. Shpg. wt., 1/2 lbs.

TS-236 AC-50 List 3.50 Net Ea. **2.06**

## 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 List Net **3.50 2.06**

TS-233 AC-60 3 set 300 ohm **4.00 2.35**

TS-234 AC-70 4 set 300 ohm **4.50 2.65**

## 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**

## TV ATTENUATOR H-PADS

Permits attenuation of TV signal in antenna installations to secure optimum performance. Matches the signal strength to the requirements of the receiver. H-pad a combination of 5 resistors on a steatite ceramic plate, has 4 terminals and is installed in series with the 300 ohm twin lead. Shpg. wt., 3 oz.

PCN-10 PCH-4 **.88**

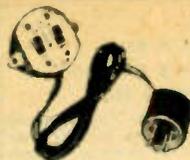
PCN-100 Set of 4 H-pads consisting of one of each of the above in a clear plastic box. Shpg. wt., 12 oz. NET **3.53**

PCN-4 TV antenna attenuator switch. Unit contains H-pads above and has 6 switching positions. Complete with knobs and leads. Screened markings on face of unit. Size 2 1/2" deep x 2 1/2" square. Shpg. wt., 1 lb. NET **5.88**

# BIG VALUES IN TV ACCESSORIES

## TV PICTURE TUBE SHORT ELIMINATOR

- 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.

**.99**

TS-282

Net .99

## NEW! TV TUBE RESTORER

- LOCATES AND CORRECTS FOR
- OPEN CATHODE • HEATER TO CATHODE SHORT • OPEN CONTROL GRID • CONTROL GRID TO CATHODE SHORT • LOW EMISSION • COMBINATIONS OF ABOVE



**3.23**

One simple unit provides the cure to any defective picture tube in any TV set. Works on electrostatic or electromagnetic focus picture tubes in series or parallel-wired filament TV sets. Corrects for dozens of picture tube faults. Shpg. wt., 1 lb.

Net 3.23

## UNIVERSAL TV JUMPER CORD



- ONE JUMPER FOR ALL TV SETS

Extends power from back of TV set—unnecessary to move furniture to get to wall plug. Turns off TV set from rear. Two handy outlets for soldering iron and test equipment. Saves time and effort. Shpg. wt., 1 lb.

TS-243

Net 1.95

## RETRACE ERASER



Designed To Eliminate Retrace Lines

This plug-in electronic network permits the set owner to turn up the brightness and contrast controls and enjoy optimum TV reception without the interference of annoying lines. The RETRACE ERASER is easily installed by plugging it into the back of the cathode ray tube and connecting one lead to the yoke. The installation can be done in less than two minutes. Shpg. wt. 12 oz.

### Grid Type

For sets where video signal is fed into Grid Circuit of CRT.

TS-119

Net 2.00

### Cathode Type

For sets where video signal is fed into cathode circuit of CRT.

TS-157

Net 2.00



## 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



## TV CHASSIS CARRIER

Safe, easy way to carry TV chassis. Smooth tubular handles. Positive lock on edge of chassis. Cannot slip off. Holds until released. Fits practically all TV chassis. Eliminates cut fingers—damaged components. Shpg. wt., 1 lb.

TS-221

Net 1.91

## TV CHASSIS SUPPORT



Just slip on edge of chassis—tighten thumb screws—and prop chassis in most convenient working position. Made of heavily plated steel. Foolproof time saver. Can be fastened to bench. Shpg. wt., 2 lbs.

TS-220

Net 1.75



## LO-PASS LINE FILTER

Exceptionally efficient line noise eliminator. Utilizing dual ferrite core coils, heavily wound. Removes from line noises caused by motors, industrial RF, neons, appliances, etc. Particularly useful on TV and FM sets, radios, tuners, record player. Automatic attenuation of unwanted disturbances. Shpg. wt., 1 1/2 lbs.

TS-267

Net 3.75

## DE LUXE LO-PASS ADJUSTABLE LINE FILTER



De Luxe ADJUSTABLE Lo-Pass LINE filter completely suppresses and eliminates all noise picked up thru the line AC or DC.

- Exclusive Variable filter control
- Automatic attenuation above 10 KC

Shpg. wt., 1 lb.

MS-466—List 14.50

Net 5.59

## "3-PI" TVI FILTER

- 14 COMPONENTS—8 PRECISION CAPACITORS—4 PRECISION COILS



Lowest possible loss—maximum 3 db. Sharp cut-off at 54 Mc. Attenuation stop band exceeds 46 db's. Effectively suppresses interference caused by "ham" transmitter—diathermy and X-ray—Ignition—radio transmitter—R. F. heating systems—appliances—neon signs. Reduces "snow" caused by I. F. freq. noise picked up at antenna. Printed circuit design gives improved reliability—low cost—light weight—precise uniformity. Precision engineered triple section trap. Easy to install. Complete with instructions. Shpg. wt., 4 oz.

TS-219

Net 1.80

## 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

## LIGHT AND TELEVISION CLOCK



Placed on top of TV cabinet the #700 Lite Clock provides proper amount of background light for televiewing. Accurate, rotating numeral type clock. Walnut finish plastic case. For 110V 60 cycle AC only. Size, 5 x 5-7/16 x 3-7/16". Shpg. wt., 2 1/2 lbs.

ML-11

incl. excise tax... 8.14



## 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 94c



## 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.

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 naval type socket

Shpg. wt. 8 oz.

Net ea. 1.47



## TEST POINT ADAPTER FOR 110° PICTURE TUBE

For Sylvania type 110° tubes. Ideal for in-circuit voltage and current tests.

MS-464—List 3.25 ea.

Net 1.91

For RCA type 110° tube. Ideal for in-circuit voltage and current tests.

MS-465—List 3.95

Net 2.32

Shpg. wt. 8 oz.



## BARKHAUSEN OSCILLATION ELIMINATOR

Remove those vertical black bars (Barkhausen Oscillation) from your TV screen with this Perfection B.O. Eliminator. Simply slip the B.O. Eliminator over the horizontal sweep output tube and adjust like an ion trap magnet until the interference disappears.

TS-124—Shpg. wt., 1/2 lb.

Net .73

## FUSIBLE RESISTORS



Replacements for Motorola, Crosley, Emerson, Raytheon, Philco, Hoffman, Hollicrofters, Trutone, Sears, Montgomery Ward, Sentinel, Arvin and many others. Shpg. wt. 5 oz.

TS-253—Kit of 4, 5.6 Ohms

Net .76

TS-254—Kit of 4, 7.5 Ohms

Net .76

TS-255—Kit of 4, 9.0 Ohms

Net .76

TS-256—Kit of 4, 22 Ohms

Net .95

TS-322 Kit of 4—4.7 ohms

Net .95

TS-323 Kit 1 each of 3 values

Net .95



## GE REPLACEMENT FILAMENT RESISTOR KIT

Replaces filament resistor in over 70 General Electric sets. Kit of 2 resistors and instructions. Shpg. wt. 2 oz.

TS-146

Net ea. 1.44



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



## ION TRAP MAGNETS FIXED TYPES

Single magnet, 45 gauss. Replaces most single units. TS-208. Lots of 6, each 19c. Shpg. wt. 8 oz. Singly, each 24c.

Double magnet. Universal replacement for thousands of sets. TS-125

Net 59c



## MILLER ADJUSTABLE ION TRAP

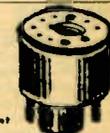
Adjustable between 32 and 55 gauss. Take the place of most single-magnet ion traps in use. Thumb-screw adjustment permits selection of any strength within its range. Reduces serviceman's inventory. Permits easy replacement where original value is unknown or incorrect. Shpg. wt. 8 oz.

Miller 6295

Net 73c

## 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

# BIG VALUES IN TV ACCESSORIES

## UNIVERSAL EBY 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, yoke extension harness, tube socket extension harness and sturdy plastic carrying case. CRT EXTENSION is for both ELECTROSTATIC and ELECTROMAGNETIC tubes.

TS-141 Shpg. wt. 2 lbs. Net 3.18

## PHILCO SERVICE KIT

Complete kit of harnesses to service any Philco TV set from 1949 to 1954. Contains 4 harnesses for deflection, interchassis and anode extensions. Shpg. wt., 2 lbs. Net 4.76



## COLOR TV HARNESS KIT



**COLOR HARNESS KIT:** Contains extension harnesses necessary to service most color sets. Includes CRT, Hi-Voltage, deflection and interchassis extensions. TS-274—Shpg. wt., 2 lbs. Net 6.47

**UNIVERSAL COLOR HARNESS KIT:** Contains necessary extensions to service all color sets, including RCA. Includes CRT, tuner, convergence, hi-voltage, and interchassis extensions. TS-275—Shpg. wt., 2 lbs. Net 8.53

**COLOR CRT EXTENSION:** 12 wires, for all color CRTs. TS-276—Shpg. wt., 8 ozs. Net 3.15

**TUNER EXTENSION:** 4 wires, for RCA sets. TS-277—Shpg. wt., 8 ozs. Net 1.19

**CONVERGENCE EXTENSION:** 12 wires, for all color sets. TS-278—Shpg. wt., 8 ozs. Net 2.32

**HI-VOLTAGE EXTENSION:** Single wire, for all color sets. TS-279—Shpg. wt., 8 ozs. Net 1.03



## 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-138—Shpg. wt., 1 lb Net 1.26

## ANODE EXTENSION

For connecting picture tube while outside of set when testing. 30" long for glass tubes. Shpg. wt. 3 oz.

TS-46 ..... .79

Same as above, but for metal tubes. TS-171 ..... Net .53

## 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, each, .26 Singly, each, .29



## 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



## TV PICTURE TUBE SOCKETS

**MOLDED:** New all molded duo-decal socket for std. CRTs. 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

**COLOR TUBE SOCKET:** For new type multi gun color CRT. Unwired complete with back plate and contacts. TS-273—Shpg. wt., 6 oz. Net 2.06

**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

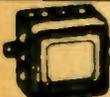
Permits the testing of the 110° CRT on all existing tube checkers, overall length 3 ft. Shpg. wt., 1 lb.

TS-307—Sylvania Type Net 1.47  
TS-308—RCA Type Net 1.47



## TRI-SET COUPLER

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. TS-266 Net 2.97



## 2-SET COUPLER

.85¢ EACH in sets 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. MS-18..... Each .90  
In lots of 3..... Each .85

## 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 overloading. 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-210 Singly, each ..... 1.94  
Net each in lots of 3 ..... 1.75

## BI-FI 2-SET COUPLER



### PRINTED CIRCUIT BIFILAR COILS

Finest reception on all VHF and UHF channels. Highest audio and video signal transfer. Improves watching—reduces ghosts. Effectively isolates each set. Reduces interest interference. Polystyrene case eliminates losses from impedance changes that occasionally occur when metal cases are used. Simple to install. Operates 2 TV or FM sets. Shpg. wt. 4 oz. TS-215 ..... Net 2.06

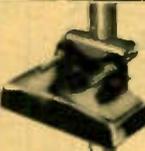
## TUNER CLEANER



- Injector Type
- Cleans & Lubricates
- Eliminates Noise
- Long Lasting Protection

.90

New, wax-free lubricant Contains no carbon let Non-toxic, non-inflammatory. Mypo-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



## 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) 2.06  
TS-160—VHF(2-13), UHF(14-83) 2.20  
TS-161—VHF(2-6)-VHF(7-13) and UHF(14-83) 2.65



## ATTACHABLE TERMINAL HI-VO-KAP KIT

Kit contains 1 TV-20 Hi-Vo-Kap and a complete set of attachable terminals for TV replacement. Ideal for service calls. 500 uf, capacitor rated at 20 KV DCWV, withstands twice rated voltage. Set of terminals includes 1 each slotted-rod, short male and long male and 2 each female male and male thread. No stripping or loose terminals. Shpg. wt., 6 oz. TS-207 HI-VO-KAP KIT..... Net 1.09



## TUNER-KLEEN

Keep your Standard Coil Tuners permanently clean. Simple installation of 4 cleaners, 2 to outer frame and 2 in place of unused channel coils. Nylon wiper cloth is soaked in cleaner fluid. Grease and dirt thus continuously cleaned from all contacts whenever channel selector rotated. TS-178 ..... Net .98

## TUNER LUBRICANT



1.19

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. TS-325 ..... Net 1.19

## 500 MMF HI-VOLTAGE CONDENSERS



QUANTITIES LIMITED

STOCK NO.	VOLT	EACH SINGLY	EACH LOTS OF 5
C-607	25KV	.29	.19
C-605	30KV	.39	.29

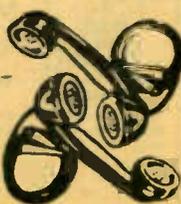
## WHEELER SOUND-POWERED PHONE IDEAL FOR TV INSTALLATION

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. List \$13.75.

ML-21—WHEELER SPT-102 HANDSET. Per Phone. Net 9.62  
2 cond. wire for indoor and outdoor use. Shpg. wt., 2 lbs.

BELEN 8486 ..... per ft. .035 ..... per 100 ft. 2.10

## 9.62

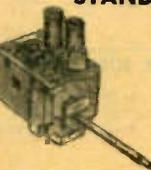


## STANDARD COIL "GUIDED GRID" TUNERS

• Newer • Smaller • Universal Replacement  
Newest development. Greatly improved gain, signal-to-noise ratio, and overall performance. Factory preset IF frequency is adjustable to fit particular set. Replaces most older types of standard coil tuners. Universal shaft is easily cut to needed size. Complete with tubes and instructions. Shpg. wt. 3 lbs.

Stock nos.	Circuit	I.F.
TL-119	Parallel	21 MC.
TL-120	Parallel	41 MC.
TL-121	Series	21 MC.
TL-122	Series	41 MC.

Net 21.50



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

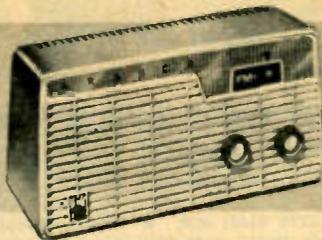
# LAST MINUTE SPECIALS

## NEW GRANCO FM TUNER



Provides superb high fidelity FM Reception by just plugging into any amplifier and speaker, phonograph, T. V., Custom Music System, or tape recorder. Super selective reception even in fringe areas. Exclusive no drift coaxial tuner and associated circuitry reduce operation to just 2 knobs. Built in antenna, 6 tubes. Modern style cabinet. Size 6 1/2" Wide, 4" Deep, 4 3/4" High. Shpg. wt., 4 lbs. Granco T 300G Gunmetal Blue Net 18.75 Granco T 300E Ebony Net 18.75

## NEW! GRANCO FM RECEIVER



Smart, new design, combined with advanced engineering, result in this versatile FM receiver. So compact it actually fits in the palm of your hand—yet its performance exceeds that of sets several times the size. Exclusive new ROYAL "G" FM tuner with Coaxial Frequency Control assures drift-free performance. Speaker and cabinet are specially designed for optimum acoustic response. Easy view window dial and fine vernier tuning for easy operation. Powerful circuit provides highly efficient operation by use of multiple purpose tubes. Complete with built-in antenna. Available in choice of two-lane color combinations. For 110 V. AC-DC. Size 9 1/2" w x 4" d x 5" h. Shpg. wt., 5 lbs. GRANCO 601P—Grey and White. List 29.95. Net 24.50 GRANCO 601G—Turquoise Green and White. List 32.95 Net 24.95 GRANCO 601R—Coral and White. List 32.95. Net 24.95

## NEW! GRANCO AM-FM RECEIVER



This magnificent AM and FM radio is so compact it actually can fit in the palm of your hand... yet it has amazing volume and offers complete radio reception. The powerful chassis employs double duty tubes to provide 8 tube performance. The easy-view window dial utilizes the principle of vernier tuning to provide accurate pinpointing of stations. High sensitivity... wide band selectivity... acoustic chamber sound system... new ROYAL "G" tuner... built-in antennas for both AM and FM... powerful Alnico V extended range speaker. Available in choice of attractive two-tone color combinations. Size 9 1/2" w x 4" d x 5" h. For 110-120 V AC-DC. Shpg. wt., 5 lbs. GRANCO 701P—Grey and White. List 39.95. Net 31.95 GRANCO 701G—Turquoise Green and White. List 42.95 Net 32.45 GRANCO 701R—Coral and White. List 42.95. Net 32.45

## COSINE YOKES



**SPECIAL VALUES POPULAR REPLACEMENTS**

REPLACEMENT FOR RCA 74952

70° direct drive cosine yoke. Exact replacement for RCA 74952, Stancor DY10, Merit MD30 and Rom Y70F30/S. Complete with leads and network. Shpg. wt., 1 lb. TS-20 Net 3.75

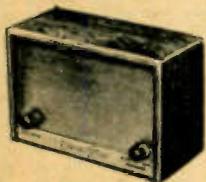
70°—8/50 MH

70° cosine. Horizontal inductance 8 MH, vertical inductance 50 MH. Replaces Stancor DY8A, Merit MDF-72 and Rom Y70F08. Complete with leads and network. Shpg. wt., 1 lb. TS-181 Net 3.50

70°—30/50 MH

70° cosine. Horizontal inductance 30 MH, vertical inductance 50 MH. Replaces Stancor DY12A, Merit MDF71, Rom 70F25. With leads and network. Shpg. wt., 1 lb. TS-19 Net 3.50

## TV EXTENSION SPEAKER



7.38

Full range 4" x 6" 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

## SPECIAL LAFAYETTE HI-FI AND PA ACCESSORIES



REMOTE MICROPHONE VOLUME CONTROL

1.76

No more running to the P. A. amplifier to adjust volume when you are using a mike. Now, control volume output right at the microphone. Attached between the microphone and the cable, this completely shielded control has practically no insertion loss and induces no hum. Can be used at any desired distance.

Fitted on one end with a female mike Connector and male mike Connector on the opposite end. Finished in gleaming chrome, its appearance will blend in with the most expensive microphones. Comes completely ready to use. Shpg. wt., 12 oz. MS-755 Remote Volume Control Net 1.76



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. MS-756 Speaker Phasing Control Net 98

STEREO-MONAUERAL 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. 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. MS-758 Multi Input Selector Net 1.76

## FAMOUS BRAND MOLDED PLASTIC TUBULAR CAPACITORS



QUANTITY LIMITED

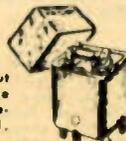
Overstock of one of the best known capacitor manufacturers. Fresh, new stock. Molded in extra hard plastic, tested at twice rated voltage, with solidly anchored leads. At a fraction of their usual price. Avg. Shpg. wt., 5 oz.

Stock No.	CAP	DCVW	10 per	100 for
C-741	.006	600V	.45	3.95
C-750	.001	400V	.45	3.95

## VIDEO DETECTOR COIL WITH IN105 DIODE

Lots of 10 each 25c QUANTITY LIMITED

The IN105 Diode which just snaps out of its holder is worth more than the price of the whole assembly. Exact replacement for Sylvania part 57-73869-1. Shpg. Wt., 6 ozs. SP-90—In lots of 10, each 25c Singly, each 29c



## VERTICAL OUTPUTS

EACH IN LOTS OF 3 29c LIMITED QUANTITIES



NO.	RATIO	MTG. CENTERS
TR-35	8.5:1	3 1/2"
TR-39	44.4:1	2-13/16"
TR-74	45:1	2 1/2"

ANY TYPE Shpg. wt. 11 oz. Net .39 Lots of 3, each .29

## TV CHOKES ANY TYPE

49c

LIMITED QUANTITIES

Shpg. Wt. 7 oz

Stock No.	Curr. Ma.	DC Res. Ohms	Exact Replacement Mfr. & Part No.	Ind. Hy.
TR-30	200	34	CAPEHART 650587C1	2.0
TR-33	290	60	FADA 42-60	1.4
TR-52	290	41	Westinghouse	1.15

## OUTPUT XFRS



FOR 6K6

Primary 6500 ohms. Matches 6K6, 6AQ5, 6F6 to 3.2 ohm V.C. 1500V insulation. Mtg centers 2" x 1 1/2" high. Shpg. wt., 1 lb. TR-69 Net 39

4 WATT wire wound FOCUS CONTROL



Replacement for majority of TV sets. 4 watt 1500 ohm with knurled shaft. Shpg. Wt. 7 oz VC-12 .59

BUY THE MERCHANDISE YOU WANT NOW ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

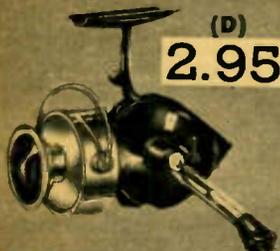
Page 269



# GOING FISHING?...

LAFAYETTE'S DIRECT IMPORTS SAVE you 50 to 75%!

## LAFAYETTE'S CATCH OF THE CENTURY IN RODS AND REELS



### (A) SPECIAL TUBULAR FIBREGLASS SPINNING ROD



- GENUINE TUBULAR SUPER GLASS ROD
- STANDS ROUGHEST ACTION-NEEDS MINIMUM CARE
- SOLID-COMFORTABLE-NATURAL CORK GRIP
- SINGLE WIRE-NON FOULING GUIDES

A first quality tubular (hollow) fiberglass spinning rod—plenty of power, action and eye appeal. All the features of rods selling for above Lafayette's price. Solid-comfortable-natural cork handle with anodized aluminum reel retaining rings. Holds reel solidly and securely. Extra large guides with neat, even nylon wrapping. Sealed against moisture. Long, strong extra deep joining ferrule—precisely fitted. Guides are hard-rust resistant—and properly spaced. Braced tip-top guide. Entire rod finished in hard, durable, black lacquer. Popular 2 piece, 5 foot length. Shpg., wt., 1 1/2 lbs.

Net 3.29

### (B) TUBULAR FIBREGLASS SPIN-CAST ROD



- 5 1/2 FT. MEDIUM-LIGHT ACTION
- POSITIVE LOCK REEL SEAT

Finest 2 piece, hollow fiberglass, medium-light action spin cast rod. Five inch web, shaped cork grip or a die cast aluminum offset handle. Positive, threaded ring, locking reel seat. Designed for closed face spin cast reels! Chrome plated, stainless steel guides and braced, offset tip-top. Chromed, stainless buttplate. Extra deep, precisely fitted ferrules. Colorful, sealed, nylon wrappings. Fine action with plenty of back bone. Casts flies, streamers, bugs and poppers. Shpg. wt., 1 1/2 lbs.

Net 3.95

### (C) TUBULAR FIBREGLASS "7 SEAS" SPINNING ROD



- FOR FRESH AND SALT WATER SPINNING!
- ACTUAL WEIGHT ONLY 5 OZS.!
- COMPARE TO RODS SELLING FOR TWICE AS MUCH

All the extra power you need to land the "big ones"—in fresh or salt water. Hollow glass construction for that "live" action—plus "back-bone" when you need it. 4" cork fore grips 6 1/2" cork butt with vinyl butt plate. Extra-large, non-fouling, diamond-hard guide. "Snake" design allows guides to flex with rod. Braced tip top of super-hardened, stainless steel. Fixed reel seat polished brass with chrome retaining collar and lock nut. Glossy black lacquered finish. Colorful, sealed nylon windings. 2 piece blade with extra deep ferrules. Overall length 6 1/2 ft. Superbly tapered—designed for maximum lure action—trouble free construction. Shpg. wt., 1 lb.

Net 5.95

### (D) SPECIAL SPINNING REEL

- GOLD ANODIZED SPOOL
- NYLON BEVEL GEAR
- ANTI-REVERSE LOCK

A fine, light spinning reel with all the features found in far more expensive reels. Strong-sturdy handsome appearance. Selective anti-reverse lock. Chrome plated pickup arm. Body of non-corroding, ebony finished, aluminum alloy. Housing and spool of gold anodized aluminum for maximum corrosion resistance. Noiseless, smooth running, nylon bevel gear. Handle is removable for storage. Holds 200 yds. of 4 lb. test line. Gear ratio of 3 to 1. Shpg. wt., 1 lbs.

Net 2.95

### (E) PUSH BUTTON SPIN CAST REEL

Closed face—back lash free—push button action. Push button spring release—assures instantaneous line control the moment the lure hits water. Brass Gears—precision machined to assure long, trouble-free service. Finger-tip Anti-Reverse Lever—far fast action. Spring Loaded Geared Drag Adjustment—may be set for any tension. Attractively finished in triple lacquered ebony with gold-anodized spool cover. Chrome plated double handle crank. Incorporates the features and trouble-free performance of the most expensive reels. Complete with 80 yds. of 6 lb. line monofilament line and rubber practice plug. Actual weight only 8 1/2 ozs. Shpg. wt., 1 lb.

Net 4.59

### (F) NEW! "SPIN-TACULAR" REEL

- INTERCHANGEABLE SPOOLS
- FINGER TIP ANTI-REVERSE

Finest-fastest imported spin reel. Ultra smooth recovery, ratio about 4 to 1. Full bail, stainless pickup. Positive, smooth drag with click built into spool. Friction free line guide of diamond-hard tungsten carbide. Positive anti-reverse clutch—no manual holding when playing, netting or trolling. Metal reel with two interchangeable spools. Capacities of from 200 yds. of 10 lb. line, 340 yds. of 6 lb. line, 100 yds. of 4 lb. line, down to 200 yds. of 1/4 lb. line. "Natural-form" knob on reel handle, handle folds back for storage. Corrosion resistant black finish. Complete with extra spool, spool case, cloth bag and instructions. Actual weight 9 ozs. Shpg. wt., 1 lb. 4 oz.

Net 6.95

### (G) NEW! "7 SEAS" SPIN REEL

- ALL THE FEATURES OF THE MOST EXPENSIVE REELS

The "greatest" for surf-casting, trolling, spinning or any salt water fishing. High pressure moulded of an aluminum-magnesium alloy, surface treated and anti-corrosion coated. Eliminates need for the usual care and cleaning associated with salt water gear. Unique planetary gear system crosswinds line for greater line capacity and the smoothest, longest casts you ever made! "Back-lash" is a thing of the past. Fully adjustable, positive drag action. Built right into the spool for smooth, constant tension. Full bail pick up of chromed bronze. Line guide of super hard chromium carbide. Torpedo handle, spring loaded, folds back for storage. Positive, finger tip anti-reverse control. All the features normally found in the most expensive reels. Actual weight 19 ozs. Shpg. wt., 2 lbs.

Net 11.95

### (H) "7 SEAS" TROLLING REEL

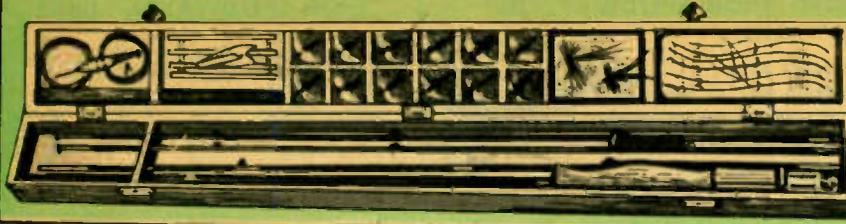
- FINGERTIP FREE SPOOL CLUTCH
- ADJUSTABLE STAR DRAG

Universal salt water reel. Powerful star drag, free spool, fast retrieve. All metal construction of highly corrosion resistant alloys. Aluminum-magnesium alloy spool. 3 inch diameter side plates—with satin black, triple baked, rust resistant, permanent finish. Conventional free spool lever. Hardened bronze gears. Counter weighted, torpedo handle. Chrome plated, hand polished frame. Self lubricating, long lasting bronze bearings. Capacity 250 yds. of 27 lb. line. Actual weight 17 ozs. Shpg. wt., 1 1/2 lbs.

Net 7.95

USE THE LAFAYETTE EASY PAYMENT PLAN - ONLY 10% DOWN

# COMBINATION BAIT AND FLY-CAST FISHING KIT



**5.95** • Fine Quality Split Bamboo Rod  
 • Converts from 8 ft. Fly Rod to 5'4" Casting Rod

The perfect all-around "Fisherman's-Friend." Features a split bamboo rod with interchangeable tips and reversible handle. Chrome plated, screw locking reel seal. Shaped cork handle. Chromed stainless steel guides and extra deep chromed brass ferrules. High gloss lacquered surface—colorful, sealed nylon windings. Kit contains 4 pc. Split bamboo rod, brass swivel, split-shot, line winder, float, nylon line, 12 assorted flies, 2 streamers, 6 hollow point hooks with leaders, leader cutting scissors and fitted wooden case to hold complete kit. Shpg. wt., 3 lbs.

**FT-504 Regularly 9.95 Net 5.95**



**Beachcomber Tackle Box**

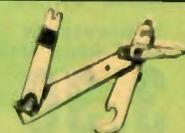
**2.05**

Constructed of rigid polyethylene, this rugged box will withstand warping, denting, cracking, breaking and corrosion. Solid brass hardware and nylon latch. Handy cantilever tray provides for lures and small tackle with ample room in the bottom for bait and spinning reels. Dimensions 12 1/2" long x 4 1/2" deep x 5 1/2" wide. Shpg. wt., 2 lbs.  
**MC-25 BEACHCOMBER BOX Net 2.05**



**Golf Range Finder**

This exciting new Range-Finder is bound to prove an invaluable addition to your Golfing Equipment. Featuring a precision 6X lens capable of measuring from 40 to 250 yards. This handy pocket size instrument enables the golfer by means of a simple focusing adjustment to easily compute the distance to the next hole. Guess work is completely eliminated and choosing the correct club is greatly simplified. Supplied with suede leather carrying case and simple instructions. Shpg. wt., 1/2 lb.  
**F-427 GOLF RANGE FINDER Net 9.95**



**"5 in 1" BIG PAL**

• Fisherman's Helper

Comprises 5 tools which compactly fold into one: "Disgorger"—backs out hard-to-reach hooks; "Stiltata"—cleans and removes leaders from fly hook eyes; "Clipper"—cuts lines, leaders and trim flies and lures; "Screw-driver" and "Bottle-and-Can opener" are also included in this rugged and versatile tool. Shpg. wt., 8 oz.  
**HD-452 Net 1.59**

## (I) "DIAL-A-FLY" ASSORTMENT

One dozen of the most popular flies available. Expertly tied by skilled craftsmen. Packed in a round, plastic, six compartment container. Selector cover rotates for instant choice. Pocket size—handy-snag proof. Includes such favorites as Royal Coachman, Black Gnat, Silver Doctor, Parma Belle, Yellow Sally and Mosquito all tied on #10 hooks. Shpg. wt., 6 oz.  
**FT-530 "DIAL-A-FLY" ASSORTMENT Net .89**

## (J) 24 ASSORTED WET AND DRY FLIES

24 hand tied—expertly detailed—most popular flies. The perfect kit for the beginner or old pro. All tied on #10 hooks. Includes such famous types as Royal Coachman, Black Gnat (female), Red Ibis, Silver Doctor, Quill Gordon, etc. Each fly is individually identified. Made with universally accepted fly materials. Wt., 8 oz.  
**FT-534 24 ASSORTED WET AND DRY FLIES Net 1.05**

## (K) "BITE-A-LITE" FLOAT

Flashes at a nibble! Watertight Body! Adjustable Contact! Doubles your "luck" and fun while night fishing. Excellent on cloudy days, at dawn or sunset. So sensitive even beginners do well. Flickers at a nibble—lights with a bite. Can be used as a colorful sensitive float even without the battery and light. Self-contained miniature battery and bulb are easily replaced. Long battery life. Made of corrosion-proof plastic and brass. Weights less than 1 oz. with battery. Complete with bulb and instructions. Less battery. Shpg. wt., 4 oz.  
**FT-535 "BITE-A-LITE" FLOAT Net .98 2 for 1.69**  
**BA-153 BURGESS "M" CELL Net .08**

## (L) 24 DIVIDED WING FLIES

Finest quality, hand tied dry flies. Skillfully made with just the right amount of natural-tip hackle. Upright divided wings cocked well forward. Decorated silk bodies. Favorite patterns: Black Gnat, Silver Doctor, Royal Coachman, Yellow Sally, Parma Belle, Etc. Compare to flies selling as high as .30 each! #10 hook. Shpg. wt., 8 oz.  
**FT-531 24 DIVIDED WING FLIES Net 1.49**

## (M) 24 ATLANTIC SALMON STREAMERS

Famous "New England" streamer flies. Resemble small, live minnows in the water. Beautifully dressed and fitted with jungle feathers tied in at the head. All dressing light and smooth. Two dozen all time favorites tied on long shank No. 2 hook. Includes Black Ghost, Light Tiger, Aunt Ider, Gray Ghost, Parmachene Belle, Jack Scott, etc. No two alike. Regularly sell as high as .49 ea. all 24 identified on labeled card. Shpg. wt., 12 oz.  
**FT-532 ATLANTIC SALMON STREAMERS Net 2.39**

## (N) FISHERMAN'S 8" LONG NOSE PLIERS

• HARDENED TEMPERED STEEL • KNURLED NOSE GRIP HANDLES  
 A sturdy all purpose 8" Long Nose Plier especially suited for the fisherman. Made of rust resistant drop forged steel—ideal for use as leader bender, hook remover, wire cutter—literally scores of uses in the boat or workshop. 10 oz.  
**HD-51 8" LONG NOSE PLIER Net .89**

## (O) "NITE-LIFE" WORM LURE

This life like worm lure consists of a 3-gang hook harness with 5 1/2" soft plastic worm tied to harness with 15 lb. test nylon. Fluorescent red beads with revolving nickel propeller blade and red plastic lure combine to make this excellent shallow running lure. Size 4 gold plated hooks. Actual Lure Wt., 1/2 oz. Shpg. wt., 4 oz.  
**FT-526 "NITE-LIFE" WORM LURE Net .39**

## (P) "WIGGLY-EEL" NATURAL LURE

A natural soft black plastic eel tied with 15-lb. test nylon to a 2-gang hook harness. Wire shaft directly attached to eye of front hook with revolving propeller blade located between 2 solid metal beads. Size 2 gold plated hooks. Shpg. wt., 4 oz.  
**FT-525 "WIGGLY-EEL" NATURAL LURE Net .49**

## (Q) 12 SELECTED FANCY POPPERS

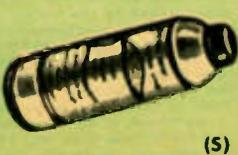
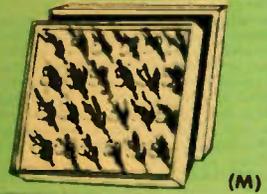
A choice selection of hand painted popping bugs for blue gills, bass, trout, pan fish. All proven fish-getters. 4-cork shaped, scaled body, with hackle and tail feathers. 4-cork shaped, frog type with rubber hula skirt. 4-"open-mouthed" with feather streamer. Hooks won't pull out. All on #10 hooks. Regularly cost over 30 cents each! Shpg. wt., 8 oz.  
**FT-529 SELECTED FANCY POPPERS Net 1.29**

## (R) MONOFILAMENT SPINNING LINE

Limp, DuPont Nylon, "Trigger Fish" monofilament spinning line. Extra strong—quick drying—small diameter. For open or closed face spinning reels. Choose either 6 lb. or 8 lb. test. 200 yd. lengths. Shpg. wt., 8 oz.  
**FT-527—200 yds. 6 lb. line Net .69**  
**FT-528—200 yds. 8 lb. line Net .79**

## (S) 400 YDS. NYLON LINE

400 yds. per spool—25 lb. test  
**FT-533 Net .98**



# Thor • SPEEDWAY • SUPREME • THOMAS IND.

## THOR SPEEDWAY "20" 1/4" DRILL

- BALL THRUST BEARINGS
- GEARED CHUCK AND KEY
- HELICAL CUT GEARS
- UL APPROVED
- 2.5 AMPS

**11.33**



Husky—Low cost 1/4" geared chuck drill rated at a full 2.5 amps. Preferred and used by professional mechanics for many years. Built for continuous production on wood or metal. Powerful, UL approved, universal motor. 1/2" capacity in steel, 3/4" in hardwood. Ball and self lubricating bronze bearings throughout. No load speed 2400 RPM. Strong, lightweight, cast aluminum alloy housing. Specially designed gear chain for greatest torque. Locking Trigger switch. Backed by Lafayette's famous Money Back Guarantee. Shpg. wt., 5 1/2 lbs.

THOR SPEEDWAY "20" ..... Net 11.33

## THOR-SPEEDWAY SPEEDSAW



- RATED 3.1 AMPS
- 3400 STROKES PER MINUTE
- TILTS TO 45°

**NEW! 16.63**

The most exciting tool on the market today! It replaces the handsaw for all types of sawing and takes all the hard work out of the job. Will cut wood, metal, composition, cuts straight and true and will cut bevel angles to 45° either side of the cutting line. Being a small blade, the saw can cut curves, circles, scrolls easily. Can be used for long panel cuts, ripping, cross cutting, even on 2 x 4's, and it blows away the sawdust while cutting. Will cut wood up to 2" thick and steel 1/2" thick. Its motor is meant for a lifetime—has oilite bearings. Operates on 110/115V AC-DC; has on-off position push through slide switch, UL approved. Comes with 1 lig saw blade (wood) and wrench, 6 1/2" conductor card. Measures 6 1/4" L x 6 1/2" H. Shpg. wt., 5 lbs.

THOR SPEEDWAY "17" ..... Net 16.63

## THOR SPEEDWAY "14" SANDER

Here's Our Hot Sander Special



- PROFESSIONAL PERFORMANCE!
- MOTOR DRIVEN—3450 RPM!
- SANDS—SMOOTHS—BUFFS—POLISHES—RUBS!
- USE SHEET OR FREE (WET) ABRASIVES!

Get this new top quality sander for all sanding uses. Here's an orbital motion, motor driven finishing sander (no load speed . . . 3450 RPM) that sands, smooths, buffs, polishes, or rubs with both sheet abrasives or wet (free) abrasives. Sanding area—4 1/2" x 5 1/2". Features all sealed ball bearings; direct-connected air-cooled motor. Rugged blue hamameloid cast aluminum body. Handy switch prevents accidental starting. UL approved. Use on 110-120V 60 cycle AC only. Shpg. wt., 7 lbs.

THOR "14" ..... Net 14.67

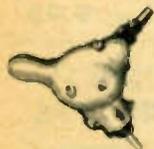
THOR 16822. Lambswool polishing pad ..... Net .70

THOR 16905. 18 sheets assorted sandpaper ..... Net .88

## BABCO RIGHT ANGLE DRIVE

- HALVES OR DOUBLES DRILL SPEED

**3.30**



Close coupled-right angle attachment for working in confined spaces. 2 to 1 gear ratio permits halving or doubling drill speed. High speed for drilling and sanding—slow speed for polishing—large hole drilling—masonry drilling, etc. Fits 1/2" chuck or may be screwed directly to drill spindles. Includes 3/8-24 male and female adapters—and 1/4 plain shaft adaptor. Shpg. wt., 1 lb

HD-269 ..... Net 3.30

## NEW! THOR SPEEDWAY "30" 3/8" DRILL

- HEAVY DUTY
- RATED FULL 3.1 AMPS!
- 3/8" JACOBS GEARED CHUCK
- DESIGNED FOR MAINTENANCE AND INSTALLATION.
- DRIVES HOLE SAWS UP TO 2 1/2" INCH

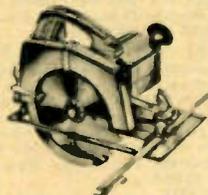


More power for service work—production lines—mechanics—or anyone requiring an extra heavy duty 3/8" drill. 3/8" capacity in steel—1/2" in hardwood. Sealed radial thrust ball bearing—other bearings allite. 925 rpm no load speed, 610 rpm full load speed. Die-cast housing, steel gears, and specially reinforced construction assure long life. Trigger switch with locking pin. 6 ft. type SL UL approved card, universal series wound AC-DC motor. For 110-120 volts, AC/DC. Overall length 8 1/4". Shpg. wt., 6 lbs.

THOR SPEEDWAY "30" ..... Net 16.63

## NEW SPEEDWAY NO. 70 7" SAW

- 1.5 H.P. MOTOR
- ADJUSTABLE SIGHTING GUIDE
- RETRACTABLE BLADE GUARD
- WIDE RANGE CUTTING VISION



Here is a truly big bargain. The new professional 7" powerhouse features large blade guard lifter lever, easy clamping knobs for angle and cut adjustments, and safety slip clutch. Ampere rating is 10 amps. The 10 ampere motor has no load speed of 6000 rpm. Depth of cut varies from 1/4" to 2 1/4". Cuts 1 1/4" stack at 45°. Has large accurate protractor and adjustable sighting guide. Oversize momentary safety switch is UL approved. 10 feet 3-conductor type-SJ UL-approved lead cord is provided. Housed in sparkling, high polished cast aluminum alloy. Complete with one 7" combination blade. For 110-120V., 25-60 cycles, AC or DC. Shpg. wt., 17 lbs.

THOR NO. 70 ..... 5.00 Down ..... Net 27.50

HD-465. Extra Combination Blade for Thor 70. Shpg. wt., 10 oz. ..... Net 2.05

## NEW BABCO NO. 945 UNIVERSAL DRILL PRESS STAND

- ADJUSTABLE DEPTH STOP
- SPRING RETURN TENSION
- ADJUSTABLE CRADLE
- ADJUSTABLE DEPTH GAUGE DIAL



**10.44**

The new Babco Universal Drill Press can be used for any 1/4" pistol grip electric drill. Features rack and pinion gear feed, and adjustable depth stage. Handle gives up to 15 to 1 leverage. Thumb screw adjustment is provided. Drill press head is clamped in rigid position. Precision accurate slide moves in V-ways with take-up G18 for wear. 2 1/4" stroke. Square base is provided with slats for drill bit and for bolting work 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

## SPRAYIT 400



- COMPLETELY PORTABLE
- NOT A FLIMSY "VIBRATOR"
- FOR ALL PAINT-SPRAYING DUTIES

Here is a precision-built complete paint-spraying outfit manufactured to the highest professional standards and yet priced for the homeowners. With integral 1/2 H.P. motor compressor unit, not a vibrator. Now it's easy to do a professional-looking paint job, 4 times faster than with a brush. Use it for other spraying or blowing duties too. Spray adjustable from a dime size to 10" wide. Features an easy-to-use two-finger trigger gun; the body is guaranteed to be unbreakable. With 6 ft. cord, plug and 8 ft. of hose. Shpg. wt., 13 lbs.

HD-415. Reg. 39.95 ..... 5.00 Down ..... Net 29.95

## THOR SPEEDWAY 1/2" DRILL

- FULL 6.5 AMP POWER RATING
- TWO-POSITION REAR HANDLE
- HEAVY DUTY SEALED THRUST BALL BEARING ON SPINDLE



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. It can also be removed for close quarter work! Specifications: 1/2" capacity in steel; 1" capacity in wood; 6.5 amp rating; 400 r.p.m. full load speed; 1 1/2" spindle offset. For 115V, AC/DC. 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 1/4" Shpg. wt., 14 lbs.

THOR NO. 40 ..... 5.00 Down ..... Net 24.95

## THOR "118" SPEEDGRINDER

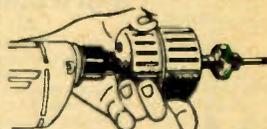


- POWERFUL QUIET MOTOR
- ADJUSTABLE TOOL REST
- BUILT-IN WATER COOLING TRAY
- DIE-CAST ALUMINUM HOUSING

New low-priced speedgrinder features rugged construction, built-in dependability and top quality features. 2 1/2" x 1/2" wheels—(1) 40 grit, (1) 70 grit. Only 9 1/4" long. Rubber feet prevent vibration. Oilless bearings. Eye shields and built-in water cooling tray. Ideal for sharpening all tools. Can be used for sanding, polishing, etc. with paper wheels. Shpg. wt., 9 lbs.

THOR 118 ..... Net 13.96

## NEW MODEL 4100 VERSAMATIC



**11.25**

- 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 ..... LIST 14.95 ..... Net 11.25

## 1/2" CHUCK FOR VERSAMATIC

Geared chuck—5/64" to 1/2" capacity—#33 taper to fit Supreme Versamatic. Shpg. wt., 1/2 lb.

HD-268 ..... Net 7.38

## NEW! SUPREME VERSAMATE



- 7X MORE POWER—FITS ALL DRILLS

**7.49**

- YANKEE STYLE BIT HOLDER

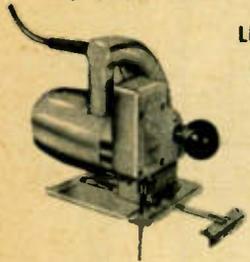
The fast, safe, easy way to drive even the largest screws into the hardest of woods. Versamate is a forward speed reducer, power multiplier for all portable drills. Add an adapter and it's a fine power wrench; with 1/2" chuck, it will enable you to use masonry bits, hole saws, etc. Factory guaranteed to work without failure. Comes with screwdriver bit and instructions. Shpg. wt., 5 lbs.

HD-409—List 9.95 ..... Net 7.49

# LAFAYETTE'S "PORTABLE POWER" SHOP

## NEW! WEN 'SOUPED UP' SABRE SAW MODEL 909

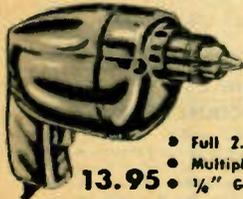
- HEAVY DUTY—full 6 Amp.
- 1/2 H.P. Motor—1" Stroke
- LARGEST CUTTING CAPACITY
- 6" 90° Cut ● 4" 45° Cut



LIST PRICE  
**44.95**  
**ONLY**  
**29.97**

Bigger—more powerful—more versatile—faster cutting. Super-long blade easily cuts through 6" x 6" lumber. Cuts 4" x 4" 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—ferro-cim—etc. Equipped with rip guide and circle cutter guide. 8 ft. 3 cond cord and adapter. 110 volts. 6 amp., AC-DC. 8" L x 7" W x 7 1/4" H. Shpg. wt., 8 1/4 lbs. HD-466 List 44.95 ..... 5.00 Down ..... Net 29.97

Extra Blades for WEN 909: Set of seven replacement blades. Shpg. wt., 1/2 lb. WEN 900 List 3.40 ..... Net 2.33



## NEW! RAM HI-TORQUE 1/4" DRILL

- Full 2.9 amperes
- Multiple Thrust ball bearings
- 13.95 ● 1/4" Geared Chuck and Key

Powerful, cool-running drill for all medium-duty applications. Uses a heavy-duty universal type series wound motor for extra efficient performance. Motor works well on both AC and DC, 110-120 volts, permitting operation almost everywhere. Multiple heavy duty thrust ball bearings are used for smooth running even with large loads. Drill has a no-load speed of 2000 R.P.M., full load speed of 1200 R.P.M. Uses trigger-type on-off switch with locking pin for continuous operation, and automatic release feature. 1/2" capacity in hardwood, 1/4" in steel. Uses an extra rugged gear Jacobs chuck with 1/4" jaw. With 6 foot, 2 conductor UL approved cord. Overall length 9" Shpg. wt., 5 lbs. HD-365. List 23.50 ..... Net 13.95



## DREMEL JIG-SAW

- POWERFUL ROTARY MOTOR
- 23.48

Outcuts and outperforms heavier units selling for much more. Extra rugged, built for heavy duty use. Cuts wood up to 1 3/4" thick—plastics—light metals. 15° throat—cuts to center of 30" circle. Powerful, self contained, rotary motor. Exclusive rocking action. Table tilts to 45°. Safe enough for youngsters. 8" x 23" x 9 1/2" overall. For 110-120V 60 cy. AC only. UL approved. Shpg. wt., 14 lbs. HD-295 ..... 5.00 Down ..... Net 23.48



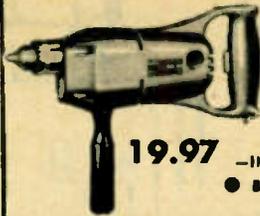
## DREMEL MOTO-SAW

**5.37**

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 saws the most intricate patterns, cuts at any angle and works on assembled projects. Automatic switch in the 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



**19.97**

- HI SPEED—3000 RPM — LOW SPEED 1000 RPM
- CAPACITY IN WOOD 1/16" to 2 1/2" —IN STEEL 1/16" to 1/2"
- BALL THRUST BEARINGS

One drill with the proper speed and torque for every job. Musky—powerful—but not bulky. HI speed for sanding—sawing—grinding—brushing—buffing. Low speed for polishing—waxing—screw-driving—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 ..... 5.00 Down ..... Net 19.97

## WEN ELECTRIC POWER SAW KIT MODEL 505 K



**19.57**

A universal power saw kit for the home workshop. This complete set includes the time proven 505 saw, rip-sawing attachment, perfect circle cutter, assortment of 5 blades, and heavy gauge metal box. Saw has many extra features: Cuts 2 x 4's easily in seconds. Safe to use, easy to handle. Does the work of a rip saw, a jig saw or a band saw. Operates as coping, crosscut, scroll, hack or keyhole saw. Makes its own starting hole an inside cut. Cuts wood, plastics, metals, composition board, hard rubber, etc. Cuts straight lines, curves, circles and intricate designs. Air stream blows sawdust off guide line. Well balanced, light weight. 115V AC-DC 1.8 amp motor. 2650 strokes per minute. Length of stroke, 1/2", 6 3/4" L x 5" H x 6" D. U.L. approved cord. Shpg. wt., 7 lbs. HD-468 ..... Saw Kit, List 29.95 ..... Net 19.57

Model 505 SAW with 3 assorted blades, less other accessories. Shpg. wt., 4 lbs. HD-469 SAW ..... Net 17.57

MODEL 511. SAW TABLE for the 505 saw, complete with 5 blades, jointer, protractor, rip fence, and circle cutter. 5 x 15 x 7 1/2" steel. Shpg. wt., 12 lbs. HD-470 ..... Net 8.64

WEN 50-A-34. Pkge. of 3 assorted blades—1/2 lb. Net .84

## NEW BVI DE LUXE SPRAYER KIT



- SPRAYS PAINTS, INSECTICIDES, VARNISH
- EASY TO CLEAN
- UNIFORM SPRAY; CLOGPROOF

**19.97**

This kit prepares you for any and every kind of spraying job indoors or out. Enables you to cover large areas fast—fences, outdoor furniture, sidings, floors. Can be used as mathproofer, or garden sprayer. The famous de luxe version of the Burgess Electric Sprayer with genuine sapphire nozzle is the heart of this kit. Sprayer comes with 24 oz. container, 4 oz. auxiliary container, angle nozzle adapter, paint strainer, 15 ft. cord, "How to Paint" booklet, spare parts kit, hand sander. Complete kit in smartly designed steel carrying case. Shpg. wt., 8 1/2 lbs. HD-366—List 29.95 ..... 5.00 Down ..... Net 19.97

## RAM "88" 7" POWER SAW



- 1 1/2" HP MOTOR
- 8 AMPS
- 4500 RPM FREE SPEED
- CUTS 2 1/2" DEEP
- 7" BLADE

**27.95**

Top value for the home craftsman with features hitherto unheard of at this price. Newly designed model features a powerful 1 1/2 horsepower motor with self lubricating Moly Sulphite bearings. 7" blade diameter, 3/8" round arbor hole. Cuts to a depth of 2-7/16". Angle of cut can be adjusted from 0° to 45°, with depth of cut of 2 1/2" 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 DC or 50-60 cycle AC. Lustrous mirror finish. Combination rip and cross-cut blade and rip-guide included. UL approved. 3 conductor cord. Shpg. wt., 15 lbs. HD-359. Saw—List 49.98 ..... 5.00 Down ..... Net 27.95

SAW TABLE. Perfect complement to the "88" 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, List 17.50 ..... Net 11.65

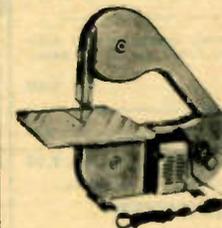
COMBINATION OFFER. Consists of the HD-359 saw and HD-360 saw table, at a further saving in price. HD-364. Saw and Table ..... 5.00 Down ..... Net 36.90

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

## NEW BVI TOTE SAW



- SAWS WOOD, STEEL, PLASTICS
- 2-SPEED MOTOR
- 100 sq. in. WORK TABLE

**23.30**

A beautifully designed bandsaw for the home craftsman, carpenter, custom installer. Cuts straight or curved cuts to center of pieces 24" wide, any length—in wood, plastics, tile, steel—almost anything! Has built-in dual coil rotary motor housed in rugged cast aluminum and steel casing. Adjustable blade guard protects operator. Has positive chain drive and easy tension adjustment. Light enough to be completely portable. Operates on 115V, 60 cycle AC. Shpg. wt., 17 lbs. HD-367—List 34.95 ..... 5.00 Down ..... Net 23.30

## NEW BVI BELT SANDER

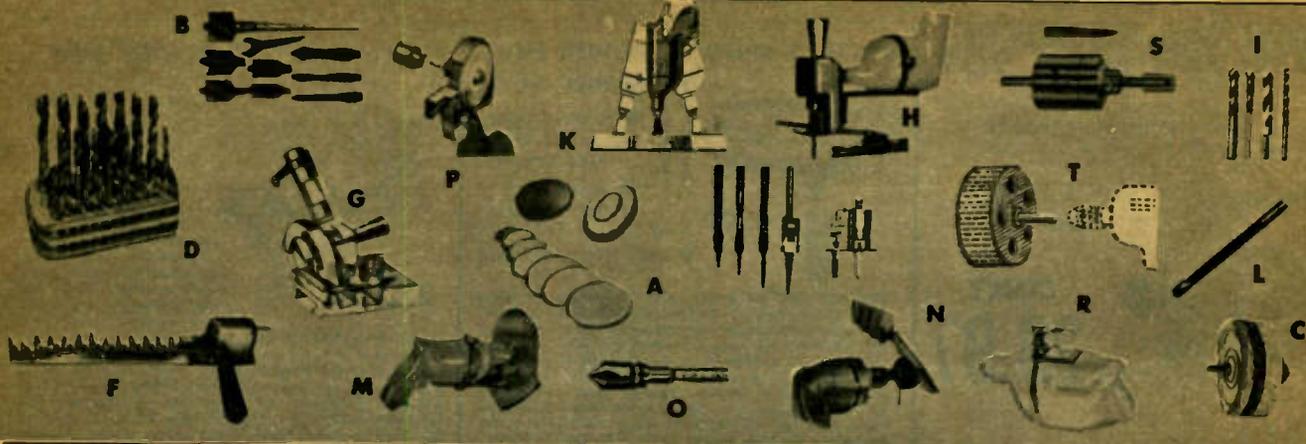


**17.46**

- LARGE SANDING AREA—34 sq. in.
- POWERFUL BLOWER AND MOTOR COOLER
- SURE GRIP HANDLES

For the meticulous craftsman, carpenter or cabinet maker, this sturdily built cast aluminum sander is an excellent buy at this low cost. Sands right into corners. Has a 2-way switch—for constant or momentary operation. Operates at 115V, 60 cycle rotary motor that gives automatic belt tension. Its easy-to-grip handles make it a pleasure to operate. Comes complete with 2-2" x 17 1/2" belts—1 coarse, 1 medium—easy to slip on. Shpg. wt., 8 lbs. HD-368—List 24.95 ..... Net 17.46

# 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-point, and polishing hobby-craft, auto etc. Kit contains flexible rubber 5" backing disc, 7 assorted-grain sanding discs, and 6" lambs wool polishing bannel. Shpg. wt., 1 lb.  
**HD-270** ..... Net 1.43

(B) 10 pc. Power Boring Sets 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", 1/2", 5/8", 1" and 1 1/4". Fast, clean bore at any angle. Shpg. wt., 1 lb.  
**HD-181** ..... 1.99

(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** ..... Net 5.40

(E) Turned down shanks: Same as above, but with shanks turned down for 1/4" drill.  
**HD-440** ..... Net 7.29

## (F) HEDGE TRIMMER ATTACHMENT

Converts any 1/4" drill into an easy handling hedge-trimmer. Steel and aluminum construction. Sickle-type 10" cutting blade. Simple cam action, 1/4" stroke. Lightweight... easy handling. Shpg. wt., 3 lb.  
**HD-97** ..... Net 8.29

## (G) 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 rig needed. "Dado-Arbor" easily removed for straight and angle cuts with precision Depth-Bevel-Rip Gages. Has 3" Safecut blade. Fits any 1/4" drill in 1 minute. With instructions and factory guarantee. Shpg. wt., 4 lbs.

<b>HD-197</b> .....	<b>LIST 12.89</b> .....	<b>Net 8.63</b>
<b>HD-118—Safecut Blade</b> .....		<b>1.23</b>
<b>HD-116—Hycarbon Crosscut Blade</b> .....		<b>1.23</b>
<b>HD-117—Hycarbon Rip Blade</b> .....		<b>1.23</b>
<b>HD-118—Hycarbon Combination Blade</b> .....		<b>1.23</b>

## (H) 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 2 x 4'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.

<b>HD-196</b> .....	<b>LIST 10.95</b> .....	<b>Net 7.30</b>
Jigsaw—Less Circle Cutter and Rip Gage. Shpg. wt., 3 lbs.		
<b>HD-86</b> .....	<b>LIST 9.95</b> .....	<b>Net 6.63</b>
Replacement Blades—Package of 6 Ass'd.		
<b>HD-57</b> .....		<b>Net 1.30</b>

## (I) 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.

Type	Size	L	Shank Dia.	Wt.	Net Ea.
HD-393	1/4"	4"	7/32"	2 oz.	.59
HD-394	5/16"	4"	7/32"	2 oz.	.69
HD-395	3/8"	4"	1/4"	2 oz.	.75
HD-396	1/2"	4"	3/8"	3 oz.	.89

4-Place Set. Consists of sizes: 3/16", 1/4", 5/16", 3/8". In attractive red plastic kit. Fits any electric drill.  
**HD-397**, Shpg. wt., 6 ass. .... Net 2.56

## (J) WOOD SCREW COUNTERSINK

• 20 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**—List 1.70 ..... 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 gouge—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 ass.  
**HD-483** ..... Net 1.67

## (L) DRILL - SAW - CUT - REAM

Four jobs with one bit. Use with any electric drill or drill press. Cuts circles, avals, squares, etc. Withstands severe continuous use. Cuts wood, plastic, bakelite, steel, brass, copper, etc. Shpg. wt., 4 oz.  
**HD-75**—Wood Bit..... Net .69  
**HD-74**—All Purpose Bit..... Net .85

## (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**, List 3.50 ..... Net 2.62

## (N) KNIFE SHARPENER DRILL ATTACHMENT

Practical-efficient-precision built knife sharpener. Attaches to any 1/4" or 3/8" drill. Puts a perfect edge on any knife. Sharpens both sides of blade at once. Uses top quality Norton Alundum abrasive wheels. Oilite brass bearings never require lubricating. Nickel plated steel shaft. High impact polystyrene casing. Shpg. wt., 1 lb. **HD-272** ..... Net 2.69

## (O) 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

## (P) 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, coping 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, aluminum oxide stone. Shpg. wt., 3/4" lb.  
**HD-243** ..... Net 2.21

## (S) SCREW-MATIC 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.  
**HD-463** ..... Net 3.97

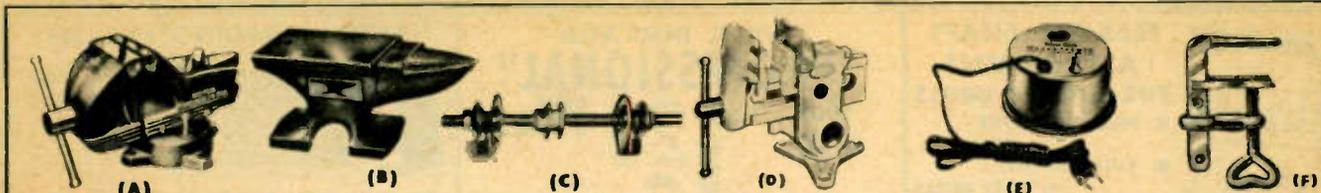
## (T) ROTARY RASP

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 1/4" in diameter. 13/16" wide. Shpg. wt., 1/2 lb.  
**HD-458** ..... Net 1.66

## (R) 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

# LAFAYETTES . . . LEADING TOOL VALUES



**SHOP KING SWIVEL VISE (A):** 3 1/2" 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-vise 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.  
**HD-106** ..... Net 9.33

**(B) "VILLAGE BLACKSMITH" ANVIL**  
 Here is workbench equipment long wanted—a rugged farm-and-home size anvil. 8" long, 3 3/4" high and 3" wide at the base. Finds hundreds of uses in metal work, wood-work, leatherwork, etc. Exclusively built for the home craftsman, hobbyists and farmers. Shpg. wt., 8 lbs.  
**HD-404** ..... Net 3.29

**MAGNICATOR**  
 • WALL STUD LOCATOR  

 Hang shelves, cabinets, baffles, pictures, mirrors, etc. to wall area backed by stud. Magnicator locates nails or other metal within 1/8" of indicator. Points out nails in studs to pin point best hanging area. Shpg. wt., 4 ozs.  
**HD-285** ..... Net. ea., .69  
 Net ea. in lots of 3 .59

**MAGNAGRIP CABINET LATCH**  
 • POSITIVE — QUIET — SECURE  
 • USE ON HD-FI CABINETS AND CONSOLES!  

 For cabinets — doors — gates — screen Use in workshop — kitchen — garage — den — any place you have a door — 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.  
**HD-218** ..... Set of 3 — Net .79 Single, Each .29

**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.  
**Lenk 72** ..... Net 1.47

**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 79c

**"RUB-R-IZE" LIQUID RUBBER**  
 • WATERPROOFS - REPAIRS - INSULATES  

 Shockproof tools—insulate wires and terminal—weatherproofs ignition—patches awnings, canvas, linoleum, roofs, leaders, hoses. Natural liquid rubber. Extreme flexibility. Available in Red—Green—Black—Transparent. Specify color.  
**MS-109**—2 oz. bottle..... Net .54  
**MS-76**—1/2 pt. Shpg. wt., 1 lb..... Net 1.44  
**MS-77**—1 pt. Shpg. wt., 1 1/2 lb..... Net 1.82

**(C) DOUBLE END BALL BEARING MANDREL**  
 Ideal for small shop at 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. 7 lbs.  
**HD-248** ..... Net 2.32

**VERSA-VISE (D):** 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—3 1/2" x 2 1/2" —plus removable pipe jaws. Jaws open 5".  
**HD-282** Shpg. Wt., 17 lbs. .... Net 10.49  
**Right Angle Adapter:** Adds belt adjustment for holding work at any angle. Shpg. Wt., 2 1/2 lbs. .... Net 2.18  
**HD-283** .....

**FORGED STEEL HAMMER**  

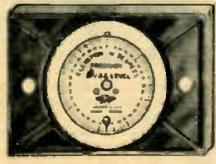
 All steel — curved claw style — one piece construction. Eliminates broken handles and flying heads. Well balanced for non-tiring use. Non slip — suede finish — rubber grip. Shaped like conventional wooden handle. Shpg. wt., 2 lbs.  
**HD-481** ..... Net 1.89

**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.  
**HD-340** ..... Net .59  
 2 sets (48 brushes) ..... 1.00  
 Professional Package: 144 Brushes, Ass't, Plastic Container. **HD-479** Shpg. Wt., 1 lb. .... Net 2.70

**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—1/2", 1", 1 1/2", 2" brushes. Packed in a polyethylene bag. Shpg. wt., 6 oz.  
**HD-398** ..... Net .98

**NEW! PRECISION DIAL LEVEL**  

 • Reads Elevation from 0° to 90°!  
 • Reads Inch Rise per foot to 12"!  
 • QUICK—ACCURATE—FLOATING DIAL  
**1.83**  
 Simple—sturdy—efficient—precision leveling device. Extreme accuracy—perfect for leveling up hill! turntables. Used in roofing—framing—drainage—garden work—masonry—cement work—general repairs. Accurately squared sides permit leveling from top—bottom—or sides. One side of dial calibrated in degrees—other side in inches per foot. The pivoted-free moving dial floats in a special liquid. Not affected by temperature from 40° below 0 to 200°. Comes to instant stop—no wobbling or vibration. Easy reading through built-in magnifier and red pointer. Case moulded of high impact plastic. 4" x 2 1/4" x 1/2". Dial measures approximately 2" in diameter. Shpg. wt., 1/2 lb.  
**HD-338** ..... Net 1.83

**PERMA-POWER MAGNEFORMER (E):** Compact portable unit for either magnetizing or demagnetizing any small tools such as screwdrivers, nut runners, pliers, tweezers, etc. It does the job in less than 10 seconds. Ideal for use by service, technicians, hobbyists, engineers, and all those who use small tools. Operates on 115 volt ac. Complete with simple instructions. Shpg. wt., 2 1/2 lbs.  
**HD-400**—List 7.50 ..... Net 4.40

**ADJUSTABLE C CLAMPS (F):** Forged tool steel clamps. Bright-plated finish. "Quick-set" adjustable action. Stronger than cast type clamps. Avg. Shpg. Wt. per pair 1 lb.  
**HD-401**—2" Clamp ..... Net per Pair .75  
**HD-402**—3" Clamp ..... Net per Pair .89  
**HD-403**—4" Clamp ..... Net per Pair .99

**The "ULTRA" Electro-Tool Kit**  
 • Designed with the Technician in mind  
 • Professional Quality Throughout  
 • All the most often needed tools  

 The finest-most compact carefully selected tool kit we have ever offered. 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 1/8" to 1/2", 5" chrome plated tweezers, shockproof ambaroid chuck handle, 3/32nd screw driver blade, 5/32nd screwdriver blade, #1 recessed screwdriver blade, punch-awl blades, 1/2" nut driver blade, solder and flux. Pliers insulated for 10,000 volts, hand honed cutting edges. Side cutters have beveled nose, diagonals have provision 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** ..... Net 7.95

**MASTER DIRECT READING CALIPER**  

 • Read size directly from scale!  
 • Measures round, flat, or irregular to 4" thick!  
 • Precisely calibrated in inches by 32nd's!  
 • Throat accommodates up to 3"  
**NEW!** **READ SIZE HERE**  
 The most handy, convenient, useful tool of its kind. Indispensable to machinists, toolmakers, patternmakers, draftsmen, inspectors, hobbyists, and home craftsmen. Measures round, flat, or irregular shapes up to four inches thick. Size is read directly on a 0-4 inch black on white scale calibrated in inches by 32nd's. 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 1/16" wide. Knurled thumb-screw locks the caliper at any mid-scale position for use as a gauge. Shpg. wt., 1 lb.  
**HD-339** ..... Net 1.83

**DEVIL-LEVEL**  

 • MEASURES PITCH IN DEGREES.  
 • MEASURES INCH RISE PER FOOT.  
 • FLOATING POINTER FOR HAIRLINE ACCURACY.  
 The first new leveling device in over one hundred years. Floating pointer gives true level or inclination at a glance. Only 2" square by 1" thick. Moulded case of specially selected plastic. Pointer bulb floats in oil. Reads any angle instantly. Case design allows leveling from top, bottom or sides. Nothing to break or get out of order. Levels any job—large or small. Shpg. Wt., 4 ozs.  
**HD-185** ..... Net

EVERYTHING IN ELECTRONICS FROM ONE DEPENDABLE SOURCE

# THE RIGHT TOOLS AT THE RIGHT PRICE



**FLEXIBLE SHAFT ATTACHMENT FOR ELECTRIC DRILLS**

- DRILL WHEREVER YOU WILL
- TAKES UP TO 1/8" SIZE DRILLS

**2.39**

Operates off any fixed or portable 1/2" power drill; enables you to drill at any angle anywhere. Capacity up to 1/8" size drills; 36" overall length, with chuck. Comes in box with complete instructions. Shpg. wt., 1 lb.

HD-389 Net 2.39

## 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.



**69c**

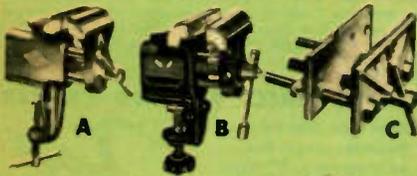
## 7-PIECE SUPER NUT-DRIVER SET

Most popular socket sizes—polished, hardened steel detachable shafts. Plastic handle with precision clutch. Contains: 1—3/16" hex nut shaft, 1—1/4" hex nut shaft, 1—5/16" hex nut shaft, 1—11/32" hex nut shaft, 1—3/8" hex nut shaft, 1—7/16" hex nut shaft, 1—amber handle with chuck.



HD-14—Shpg. wt., 2 lbs. Net .99

## BENCH AND WOODWORK VISES



### CLAMP-ON BENCH VISE (A)

Sturdy, practical and efficiently constructed. 2 1/2" wide jaws—open to a maximum 2 1/2". 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., 3 1/2 lbs.

HD-107 Net 1.29

### NEW BENCH VISE (B)

Sturdy, practical and efficient. Twin 5/16" guide bars assure vernier smooth action. A large "T" free action tightening bar is connected to drive screw. Set screw on vise permits removal of drive screw from vise body. Knurled tightening knob on clamp permits speedy clamping of vise. Screw parts are nickel plated, vise body is finished in baked enamel. Jaws are 1 1/2" wide and open to a maximum 1 1/2". Shpg. wt., 3 1/2 lbs.

HD-356 Net each 1.10

### WOODWORKERS VISE (C)

- 6 1/2" x 3 1/2" JAWS
- OPENS TO 4 1/2"

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. 3/8" diameter screw—6 thread per inch. Shpg. wt., 6 lbs.

HD-182 Net 1.99

## 5 PC. SCREW EXTRACTOR SET FOR 1/8" TO 3/4" SCREWS



Five piece, chrome vanadium, screw extractor set. Removes broken and mutilated screws—balls—studs, even 1/8" and 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.

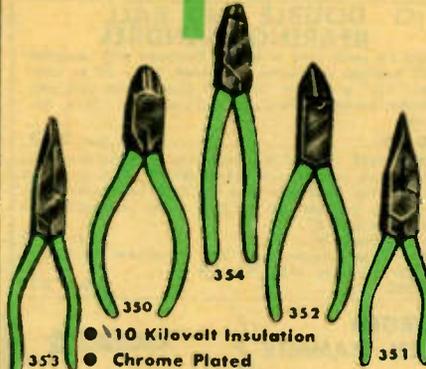
HD-273 Net 1.59

## 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.

- HD-350 6" Diagonal cutter-wire stripper
- HD-351 6" Long nose-side cutter-wire stripper
- HD-352 6" Electronic oblique cutter-wire stripper
- HD-353 6" Long chain nose-side cutter-gripper
- HD-354 7" Linesman's side-cutter-beveled nose

## 1.69 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, plastic, metals, sheet-rock, wall-board, masonite, formica, etc. Has guide bit and automatic slug ejector. Shipping wt., 1 1/2 lbs.

HD-225 Net 1.69

## 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. Shpg. wt., 1 lb.

HD-203 Net .99

## WIRE STRIPPER-CUTTER



.59

### Insulated Handles

Tempered steel—handy—easy to use wire stripper. Pawl cam lock sets 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



## LOCKING PLIERS

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.

HD-126 Net 1.2D

## HANDY WARDING FILE SET



- 6 INDIVIDUAL FILES
- SPECIAL STEEL-DEEP CUT-HARDWOOD HANDLES

First quality German made file set. 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.

HD-215 Net .89

## 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 13/64" to 7/16". Set includes case with transparent cover. Shpg. wt., 8 oz.

HD-405 Net .69

**2.98**



## JACOBS TYPE DRILL CHUCK

Comparable to Jacobs 1B. Key type geared tooth chuck. Capacity 0-3/8", thread 3/8 x 24". 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! Shpg. wt., 1 lb.

HD-186 Net 2.98



## HAND TAP SET

- AMERICAN STANDARD THREAD
- 5 MOST NEEDED SIZES
- RUGGED TAP WRENCH

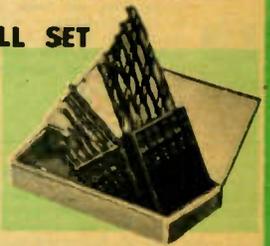
Handy tap set includes most often used sizes. Consists of 6-32, 8-32, 10-32, 3/16-24, and 1/2-20 taps, rugged tap wrench with T-bar handle; all in heavy plastic pouch. All threads are American Standard. Extremely useful for repair and servicemen. Shpg. wt., 1 lb.

HD-410 Net .99

## 13 PC. TWIST DRILL SET

**1.29**

Set of 13 high quality chrome vanadium twist drills, complete with metal index. Sizes: 1/16" to 1/2" by 64ths. Shpg. wt., 8 oz.



HD-113 Net 1.29

## 20 PC. AUTO SOCKET SET



Ideal for auto or home. Contains 8 regular 12-point sockets—7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 15/16", and 15/16"; 1/2" drive hex. L handle, 1 ratchet handle, 1 screwdriver adapter; also 7 ignition sockets—1/4", 3/16", 11/32", 1/4", 7/16", 1/2", and 1/2" lateral knurled socket; 1/2" drive hex. L handle. All parts are properly heat treated and nickel-plated. Mounted in rec wall bracket. Shpg. wt., 3 lbs.

**2.79**

HD-446 Net 2.79

## NEW MASTER FINISHER

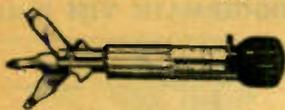


A master tool for all hand finishing jobs, both coarse and fine; also for grinding, polishing and other uses in home and shop. Holds sandpaper and abrasive, quickly replaceable. 5 1/2" long body, tapered.

HD-414—Shpg. wt., 8 oz. Net .72

# SPECIAL WORKSHOP VALUES

## NEW! RATCHET HEAD "VERSATOOL"



**1.68**

- Works Right-Left-and Locked! • Fits Slotted and Recessed Screws! • Use Straight or Offset

Versatile—compact—durable. Ideal for the professional—hobbyist—craftsman. Heat treated—tool steel blades. Full sized butyrate handle and knurled grip. Fits any pocket—only 4 1/2" long when closed—no protruding blades. Select any of three blades—locks instantly in position. Can be positioned at right angles for extra leverage. Universal ratchet operates in either direction or locks. 1/4" nut driver in head. Chrome plated finish. Shpg. wt. 1 lb.

HD-317—List 2.40 ..... Net **1.68**

## Ratchet Head SOCKETTOOL



**2.25**

Amazingly versatile! 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 ratched head works right, left or locks—speeds and simplifies any job! Contains Shelton suregrip ratchet handle;

straight hex adapter; offset hex adapter; 5 hex sockets—7/16", 1/2", 11/32", 5/16", 3/8"; 3 square sockets—7/16", 1/2", 5/16"; tool steel screwdriver bit for slotted screws; tool steel screwdriver bit for recessed head (Phillips) screws. A fine small tool set, ruggedly constructed for hard usage. Complete in durable plastic case. Shpg. wt., 1 lb.

HD-451 ..... Net **2.25**

## PRECISION LUBRICANTS



- EVERY LUBRICATION NEED IN ONE KIT!
- 3 SPECIALLY COMPOUNDED LUBRICANTS
- EACH LUBRICANT IN SPECIAL PUFFER GUN

Three top-quality lubricants in one convenient package. One tube of fine, dry powdered graphitic lubricant. One tube of all-purpose oil for home owners, sportsmen, hobbyists, industry. One tube of liquid graphitic lubricant. Long lasting, weatherproof.

HD-253 ..... Net .67  
 HD-254 Dry Lubricant Net. ea. .18 3 or More ea. .15  
 HD-255 All Purpose Oil Net. ea. .18 3 or More ea. .15  
 HD-256 Liquid Graphite Net. ea. .39 3 or More ea. .34



## 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.

HD-346 ..... Net **1.20**



## 1.36 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—List 1.98 ..... Net **1.36**

## VINYL PLASTIC ELECTRICAL TAPE



- GUARANTEED FIRST GRADE **54¢**
- 60 FT. x 3/4" **in lots**
- .008 in. THICK **of 24**
- 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 or 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., 6 oz.

HD-216—Plastic electrical tape, 7D¢ per roll; in lots of 6, 60¢ per roll; in lots of 24, 54¢ per roll.



## 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 **18.52**

## NEW! MITER-MASTER

**1.77**

- 6 MANDY TOOLS IN ONE
- RUGGED STEEL CONSTRUCTION



A universal tool for the workshop. Can be used as a mitering guide, diameter gauge, accurate square, marking gauge, center finder and convenient ruler. Shpg. wt., 1 1/2 lbs.

HD-413—List 2.50 ..... Net **1.77**

## 20-PIECE TAP AND DIE SET



- NATIONAL COARSE SIZES

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, 5/16-18, 3/8-16, 7/16-14, and 1/2-13. Includes die stock and adjustable tap wrench. Entire set contained in a fitted metal case. Shpg. wt. 4 lbs.

**5.59** HD-252 ..... Net **5.59**

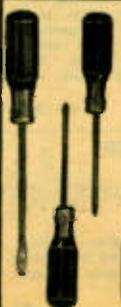


## 2 in 1 EYELET TOOL

- PUNCHES HOLE—SETS EYELET AT SAME TIME
- COMPLETE WITH 300 EYELETS

Neatly—easily—punches holes and sets eyelets in fabric—canvas—plastic—leather—paper—card board. Does a professional looking job every time. Use it on belts, shoes, sneakers, tarpaulin, luggage, sports equipment, flags, banners, shower curtains. Prevents tearing of materials—actually strengthens them. Hundreds of uses for everyone—everywhere. Complete with 300 assorted eyelets and instructions. Shpg. wt., 1 1/2 lbs.

HD-442—EYELET TOOL ..... Net 1.39  
 HD-443 EXTRA EYELETS—Pkg. of 300 ..... Net .39



## 1.65 "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 1/8 standard drivers plus 3" x 3/16 #1 and 4" x 1/8 #2 recessed drivers. Shpg. wt., 1 lb.

HD-455 ..... Net **1.65**

## NEW Swingline #101 Stapler Gun

**3.99** with 1,000 Staples



- High Compression Model
- Staples within 1/16" of corner
- 100% Jam Proof
- Open Channel Loading

Revolutionary, new staple gun with tremendous, pile driving action. 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, banded finish. No oiling required of any time. Uses two staples sizes—4/16" and 5/16"—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. Complete with package of 5/16" staples. Shpg. wt., 1 1/2 lbs.

HD-322 List \$4.95 ..... Net **\$3.99**  
 HD-323 Pkg 1000 4/16" staples ..... Net .40  
 HD-324 Pkg 1000 5/16" 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 9/16". 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**

## ALL PURPOSE GREASE GUN



- Functional—Trouble-Free—Easy Loading
- 3,000 lbs. Pressure per Sq. Inch
- 3" Straight Nozzle

**\$1.98**

Functional, trouble-free, all-purpose, as modern as push button control. Develops up to 3,000 lbs. pressure per square inch. The 3 inch straight nozzle makes easy work of those hard-to-reach grease fittings. The ideal lubricator for maintaining powered lawn mowers, workshop tools, automobiles, onboard motors, tractors, chain saws, etc. Amber translucent body with a yellow base. Made of tough tenite, stands by itself. Fits hand comfortably. Shpg. wt., 1/2 lb.

HD-336 ..... Net each **1.98**

## HYDRAULIC PUMP OILER

- PERFECT OILER FOR 1001 USES
- LIGHTWEIGHT—MANDY—TRANSLUCENT TENITE

A new shop-home-office accessory. Gives fine, pressurized stream that lubricates hard to get at places. Seamless construction of durable tenite. Finger tip plunger. Holds 4 oz. of oil. Lubricates all types of machinery—hand and power tools—appliances—fistures—toys—conveyances. Removable base for easy filling. Drip proof—leak proof design. Outmades the old fashioned oil can. Shpg. wt., 1/2 lb.



HD-265 ..... Net ea., **89¢**

## 18 PC. HEX KEY WRENCH SET

- HANDLES 99% OF HEX KEY NEEDS!

Set consists of 9 short arm wrenches from .050" through 3/8", and 9 long arm wrenches 5/16" through 3/4". 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 1/2" lbs.

HD-242 ..... Net **1.49**

MAKE LAFAYETTE YOUR HEADQUARTERS FOR TOOLS

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# Depend on Lafayette For Outstanding Values!

## 6 PIECE MAGNETIC SCREW DRIVER SET

**.69**

Five interchangeable—hardened and tempered—tool steel blades; unbreakable, shockproof, chuck-type amber handle. Consists of: 1—4 x 1/8" blade, 1—4 x 3/16" blade, 1—6 x 1/8" blade, 1—6" #1 Phillips head, 1—6" #2 Phillips head, 1—amber handle with chuck. Shpg. wt., 1 lb.



MD-10—Complete with plastic case

69c

## 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 1/4 x 1/8 cabinet, 1—3 1/2 x 3/16 cabinet, 1—5 1/4 x 1/8 mechanic, 1—Phillips #1 4 1/4 x 3/16, 1—Phillips #2 4 1/2 x 1/8, 1—Amber ratchet handle with chuck. In plastic roll up kit. Shpg. wt., 1 lb.



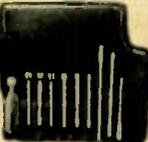
MD-159

Net .98

## 10 PIECE NUT AND SCREW DRIVER SET

**1.59**

Fully polished, hardened, tempered, tool steel blades and hex-drivers fine chromite plated for long life. Six nut driver—3/16", 1/4", 5/16", 11/32", 3/8", 7/16". Three screw driver blades—6"x1/8", 3 1/2"x1/8", Phillips #2 3 1/4"x1/8". Unbreakable, shockproof, non-inflammable amber handle with flanged chuck. Complete with heavy plastic roll up kit. Shpg. wt., 1 lb.



MD-160

Net 1.59

## 11 PIECE RATCHET SOCKET SET

**1.59**

Eight sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8" and 7/16". Flexible shaft drive for those hard to reach spots. Flat, reversible ratchet drive. 3 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 notes.

MD-43—4 1/4". Shpg. wt., 4 oz. .49 ea.  
MD-44—6 1/4". Shpg. wt., 6 oz. .59 ea.  
MD-45—8". Shpg. wt., 10 oz. .69 ea.  
MD-193—10". Shpg. wt., 1 lb. .69 ea.  
MD-46—Set of 4 above. Shpg. wt., 2 1/2 lbs. 2.49

## 7" COMBINATION TIN SNIPS

**1.16** CUTS CURVES OR 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.

MD-411

Net 1.16

## TORPEDO AND LINE LEVEL SET

**1.49**



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 1/2 oz. 2 hooks hold level securely on line. Shpg. wt., 1 lb.

MD-241—Set of 2 levels

Net 1.49

## ELECTRIC HANDI-SPRAYER

**6.25**

Save time and money! 80 lb. nozzle pressure gives professional results. Sprays all types of paints, enamels and lacquers. Any sprayable liquid! Exclusive swivel nozzle permits spraying up, down, or sideways without tilting jar. Instant spray control—fingertip adjustment from mist to cone or straight stream! High Impact plastic housing—all parts of stainless steel and brass. Complete with 16 oz. Mason jar and 8 ft. cord. Shpg. wt., 4 lbs.



MD-73

Net. ea. 6.25

Lots of 3, ea. 5.97

## 2.85 SWEDISH STEEL CHISEL SET

• Sizes 1" — 3/4" — 1/2" — 1/4"



Bugged, tang type, well balanced chisels. Tang extends well into plastic handle. Tough plastic handles outlast wood. Won't mushroom or break. Hand forged hardened Swedish steel, heat treated for lasting sharpness. Shpg. wt., 1 1/2 lbs.

MD-426

Net 2.85

## "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 3/8" 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

## 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. Shpg. wt., 1/2 lb.

MD-297

Net 2.65

## MAGNA-MAG

6X magnifying glass with built in magnet. Attaches to any ferrous metal. Simplifies reading of vernier scales, callipers, gages, rules, etc. A vest pocket tool for machinists, lay-outmen, draftsmen, inspectors, engineers. Saves time, reduces eyestrain, insures accuracy. Detects surface flaws in dies, sheet metal, etc. Will withstand rugged usage. Shpg. wt., 4 oz.

MD-291

Net .69

## VERNIER SLIDING CALIPER

**.95**

Sharp pointed projections for accurate dividing, scribing, etc. Lock nut insures against errors caused by sliding gauge. Rule graduated in 16th and 32nds plus 5" depth gauge. Precision-made. Shpg. wt., 1 lb.

MD-221

Net .95

## GRIPSO TRIGGERMATIC VISE PLIERS

- SMOOTH TRIGGER RELEASE



Vise pliers lock on with one toe grip. Turnbuckle adjustment with concealed threads. Releases instantly with the touch of a finger. 5 tools in one: hand vise—nut wrench—pipe wrench—clamp—pliers. Shpg. wt., 1 1/2 lbs.

MD-238

Net 2.21

## GRIPSO MULTI-DUTY PLIERS

- 10 TO 1 COMPOUND LEVERAGE



New 3-piece design multiplies hand power 10 times. 4-position parallel jaws give non-slip grip on nuts, bolts, pipes, pins, anything in hard-to-reach places. Won't chew corners off nuts.

MD-239—Shpg. wt., 1 1/2 lbs.

Net 2.32

## GRIPSO GEAR LOCK PLIERS

- POWER ACTION



Most powerful-practical plier ever made. Won't slip under any load. Geared for greater leverage in each position. Positive grip on round or flat surfaces. Snaps 10 penny nail with ease. Opens parallel to 1 1/4". Length 9 1/2". High quality alloy steel-chrome plated. Shpg. wt., 1 lb.

MD-284

Net 2.35

## ADJUSTABLE BLOCK PLANE

**1.20**

- EASY ADJUSTMENT OF CUTTING BLADE



Sides and base are ground and polished for high accuracy in this low cost wood plane. 6 3/4" overall length, 1 7/8" wide. Specially hardened, polished steel blade. Shpg. wt., 2 lbs.

MD-412

Net 1.20

## 5 PIECE OPEN END WRENCH SET

**.98**



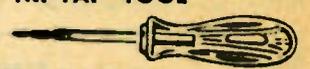
Streamlined panel bar wrench set. The best designed carbon steel wrench on the market. Ten different openings 3/16" to 3/4" embossed in wrench. Velcro rust resistant finish. With hinged container. Shpg. wt., 1 lb.

MD-162

Net .98

## TRI-TAP TOOL

**1.95**



- SERVICEMEN — CRAFTSMEN — MECHANICS
- ONE TOOL TAPS THREE SIZE THREADS
- 6/32 — 8/32 — 10/32

Cleans—cuts—taps any of the three most common thread sizes used in electronic and electrical work. Three sizes on one tool—saves time—eliminates searthing. Hardness is 59 to 60 Rockwell on scale C material. Shpg. wt., 1 lb.

MD-219

Net 1.95

## HEAVY DUTY HACKSAW

**1.35**



Tubular frame. Adjusts for 8"-10"-12" blade. Contoured handle and thumb rest for firm grip and comfort. Chrome plated tubular steel frame.

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

## AUTOMATIC SCREWDRIVER



3-way spiral ratchet. Spring return. Fully nickel plated. Rosewood handle. 3 screwdriver bits. 18" long.

MD-281—Shpg. wt., 1 1/2 lbs.

Net 2.40

# SAVE - With Lafayette Shop Essentials!

### 6" DIAGONAL SIDE CUTTING PLIERS



- Scientifically heat treated
- Honed and fitted cutting edges

Precision made by craftsmen of drop forged steel which is hardened and tempered. Highly polished to a professional finish which is rust resistant. Cutting edges are custom honed and fitted. Handles are properly designed to give maximum cutting leverage. Worth many times the asking price. Shpg. wt., 1 lb.

HD-49 Net each .79

### 8" LONG NOSE PLIER WITH SIDE CUTTERS



- Hardened and tempered steel
- Provision for stripping wire
- Knurled sure grip handles

This polished plier is made of drop forged steel which is rust resistant. Is built to withstand years of rough tough work. Shpg. wt., 1 lb.

HD-51 Net each .89

### 5" CHROME PLATED DIAGONAL CUTTERS



- HEAVILY CHROME PLATED
- ALSO DESIGNED FOR CRIMPING WIRE
- SCIENTIFICALLY HONED AND FITTED CUTTERS

Will nip and cut wire equally well. They are made of heat treated, tempered, and hardened steel. The precision cutters are sharpened and fitted to micrometer tolerances. They are heavily chromed to a high lustrous finish. HD-355. Wt. 1 lb. Net each .79

### ADJUSTABLE WATER PUMP PLIERS

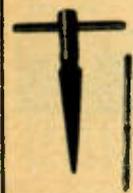


- Drop Forged Steel
- Polished Head

8 1/2" versatile, adjustable pliers. Wrench type action-slip joint convenience. Milled teeth for firm, non-slip grip. 5 positions—jaws parallel in each. Shpg. wt., 1 lb.

HD-52 Net .79

### TOOL STEEL PRECISION TAPERED REAMER



- Long gradual taper
- Removable "T" for use in drill chuck

Quickly enlarges holes to 1/4" in diameter in metals, wood and plastic. Removes burrs and countersinks holes. Has gradual taper down to 1/8" point. Will fit any 1/2" drill chuck. Machined and turned cutting edges. Overall length 4 1/2". Length of "T" handle 4". Shpg. wt., 1/2 lb.

HD-357 Net each .59

### 4 3/4" STUBBY SIDE CUTTER PLIERS



- Knurled Handles
- Polished Finish

Miniature, drop forged, combination side cutters. Designed for use in electronics—hobby work—ignition—etc. Wherever small-versatile pliers are needed. Shpg. wt., 8 oz.

HD-50 Net .69

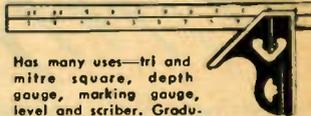
### PLIER GRIPS



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¢

### COMBINATION SQUARE



Has many uses—tri and mire 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.

HD-92 Net 98¢

### 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. 8 3/4" long, with soft plastic colored handles. Shpg. wt., 4 oz.

HD-462 Net .94

### "MAGIC TIP" SLUG RETRIEVER



New tuning slug retriever for Standard Coil tuners. Fits new wide slotted slugs. Fits deep seated tuning units. Retrieve last slugs without removing chassis. Holding mechanism is internal and fully automatic. Alloy blade; Tenite handle. Precision built to last. Shpg. wt., 8 oz.

HD-40—11" overall Net 1.68  
HD-41—15" overall Net 2.24

### 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 1/2" wide best spring steel. Baked white enamel finish. Shpg. wt., 6 oz.

HD-79—A Net .45  
10 ft. tape: (A) Similar to above but 10 feet long — for that added convenience when extra length is needed. Wt., 6 oz.  
HD-178 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. Shpg. wt., 1 lb.  
HD-179 Net 2.45

### "2-IN-1" SCREW DRIVER



Made of tempered and hardened tool steel, this reversible screw driver can be instantly converted into either a Phillips type or one with a regular 1/4" blade. Just pull out, choose the desired type, and snap in. Machined plastic handle is shockproof and flameproof. Blade is magnetized. Shpg. wt., 4 oz.

HD-408 Net .49

### BLONDE PRECISION OILER



Puts a drop or a squirt of oil where you want it. The only practical instrument for precision oiling. Spout is only .003 in. diam. Made of stainless steel and butyrate. Filled with clear, non-staining machine oil. Can be refilled. Hype action prevents messy, harmful overfilling of precision equipment. Shpg. wt., 4 oz.

HD-311 Net 66¢

### 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.S. approved. Includes 2 metal wall racks for easy mounting. Shpg. wt., 12 oz.

HD-406 Net .99

### POCKET "PENCIL" MAGNET



- GIVES YOU 10 INCH FINGERS!
- RETRIEVING TOOL — NAIL STARTER

Powerful Alnico magnet contained in pen type body with pocket clip. Flexible extension increases overall length to 8 3/4". Removes chips from blind holes — picks up nuts, screws, washers — separate small aluminum, brass and steel parts — holds small parts for assembly or soldering — holds small nails to prevent washed fingers. Carry in pocket just like a pencil! Hundreds of uses in shop or home.

HD-184 Shpg. wt., 4 oz. NET each .39

### Hand Vise



59¢

The only practical way to grip and hold small parts and pieces. 1 1/2" die cast jaws open to 1/2". 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¢

### MILLER WIRE STRIPPER



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 serviceman — strip — or production work. Shpg. wt. 4 oz.

HD-188 Net .73¢

### MAGNETIZED HEX KEY SET



- 7 Popular Size Wrenches
- Molded Rack-Case

Seven magnetized wrenches made of bright-plated, hardened tool steel 5/64"; 3/32"; 1/8"; 5/32"; 3/16"; 7/32"; 1/4". Molded rack-case with transparent cover keeps wrenches neatly separated for quick handy use. Shpg. wt., 5 oz.

HD-407 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! Shpg. wt. 5 oz.

HD-157 each, 45¢

### 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 65¢

### ALL-PURPOSE HACK SAW



Fits where ordinary hack saws cannot be used. With 7 1/2" tapering blade. Shpg. wt. 10 oz.

HD-63 .29¢  
HD-64—Extra blade .13¢

### 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.

HD-171 Net 1.98

### ADJUSTABLE HACK SAW



Complete with 8-inch blade. Accommodates 8" to 12" blades. Blade can be faced in four directions. Easy-grip composition handle, nickel-plated stock.

HD-170 Shpg. wt., 1 1/2 lbs. Net .69  
HD-212 10" Blade, 24 teeth per in. Dz. .59  
HD-213 12" Blade, 24 teeth per in. Dz. .69



# TOOLS FOR LAB - INDUSTRY - WORKSHOP

## Deluxe Automatic Wire Stripper

- "Delayed Action Return"
- Strips solid or stranded
- 3 hole precision ground blades
- Strips sizes 12 to 20

Automatic — efficient — easy to use. Strips 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.

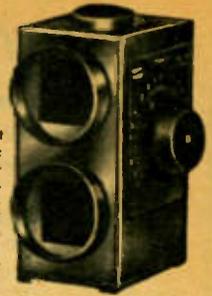
HD-349 — List \$8.25 Net 3.45  
 HD-348 — Replacement Blades for Above. Shpg. wt., 6 oz. per pr. Net .97

## NEW HOppy SPLIT IMAGE TRANSIT

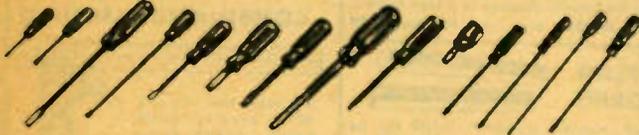
- Accurate level and incline Measure
- One Man Can Do Any Levelling Job
- A tool of a Thousand Uses

Measures incline down to the thickness of a dime at 25 ft. It also shows how much correction is needed. Simple to operate: just 3 easy steps. Employs split image principle for micro-accurate indications. Now one man can do any levelling job. Use it for brick laying, table levelling, surveying, terracing, carpentry, yard grading, contour plowing and thousand other uses. Truly a handy and useful instrument for every complete brick mason and handyman. Shpg. wt., 6 lbs.

HD-417 — List 6.95 Net 4.86  
 In Lots of 6 Each 4.63  
 HD-441 Carrying Case for Happy Transit..... Net 2.43



## 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.

### SCREWDRIVERS

**ROUND BLADE**—polished, flanged blades

Stock No.	Type #	Shaft Size	Overall	Net
HD-484	R144	4" x 3/16"	8"	.75
HD-485	R146	6" x 3/16"	10"	.78
HD-486	R148	8" x 3/16"	12"	.84
HD-487	R182	2" x 1/8"	5"	.39
HD-488	R183	3" x 1/8"	5"	.33
HD-489	R184	4" x 1/8"	5"	.37
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	R3323	3" x 3/32"	6"	.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"	.96
HD-497	S164	4" x 3/16"	7 1/2"	.66

**PHILLIPS SCREWDRIVERS**—alloy steel

HD-498	X101	3" x #1 pt	6 1/2"	.69
HD-499	X102	4" x #2 pt	7 1/2"	.87
HD-500	X103	6" x #3 pt	10"	1.17
HD-501	X108	6" x #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"	.72
HD-503	7	7/32"	6"	.72
HD-504	8	1/4"	6"	.72
HD-505	9	9/32"	6"	.72
HD-506	10	5/16"	6"	.72
HD-507	11	11/32"	6"	.72
HD-508	12	3/8"	6"	.72
HD-509	A8	1/4"	9"	.81
HD-510	A10	5/16"	9"	.81
HD-511	A12	3/8"	9"	.81
HD-512	S8	1/4"	3-1/4"	.57
HD-513	S10	5/16"	3-1/4"	.57
HD-514	S12	3/8"	3-1/4"	.57

### HOLLOW SHAFT NUT DRIVERS

Type #	Nut Size	Length	Net	
HD-515	H80	1/4"	6 7/8"	.87
HD-516	H810	3/16"	6 7/8"	.87
HD-517	H811	11/32"	6 7/8"	.90
HD-518	H812	3/8"	6 7/8"	1.02
HD-519	H814	7/16"	6 7/8"	1.02
HD-520	H816	1/2"	6 7/8"	1.05
HD-521	H818	9/16"	6 7/8"	1.08
HD-522	H820	5/8"	6 7/8"	1.23



## XCELITE 150 TOOL HOLSTER

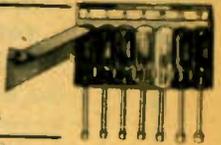
Made of pliable form fitting heavy leather. Stitched to solid Russel Saddle leather bag. Top quality hot wax thread. Locked with steel rivets. 5 pockets and knife snap. Snap is specially designed for one hand motion to attach, remove knife. Ruggedly constructed for a life time of hard use. Overall size 8" x 9". Less tools. Shpg. wt., 1 lb.

HD-523 Net 3.15

## NO. 127 WALL SET

Seven most popular, color coded Nut Drivers in a "barrow-proof" steel wall rack. Includes wrenches from 3/16" to 3/4". All blades highly polished. Metal holder in red wrinkle finish. Shpg. wt., 2 1/2 lbs.

HD-524 Net 5.76



## XCELITE SEIZER



All stainless steel, 6" long. They have unusual holding qualities necessary in many servicing situations. Shpg. wt., pkg. of 10, 1 1/2 lbs.

HD-528 — No. 42M Straight Nose Net 4.27  
 HD-529 — No. 43M Curved Nose Net 4.44

## 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

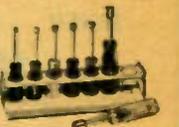
NO. 99 JR — Pocket size version of the famous 99 PR. You get 7 nut drivers, 3/16" to 3/8" — 2 Phillips blades — 2 standard screwdriver blades — and 99 — 2 handle. All in roll-up durable plastic kit. Shpg. wt., 1 1/2 lbs.

HD-526 Net 7.50

## NO. 137 BENCH SET

Sturdy, handy, metal bench set. The most frequently used nut drivers — color coded handles — highly polished blades. Sizes: 3/16", 1/4", 5/16", 11/32", 3/8", 1/2", 9/16". Shpg. wt., 3 lbs.

HD-527 Net 6.42



## NEW! CORD-CLAMP

- Quick—Positive Lock
- Push Button Release
- Needed wherever power tools are used!



Cord clamp fits any size cord plug and connector. Ends forever annoying power stops caused by extension cords separating. Keeps terminals connected even through tugging and pulling. Snaps on with easy finger squeeze. Snaps off with push button release. Aluminum jaws — steel rod — stainless steel springs. Self locking — just slide on. Shpg. wt., 1 lb.

HD-316 Net Ea. 1.39

## GIANT FIRE EXTINGUISHER

For home, garage, office, car, boat, etc. Stops all small fires in seconds. Simple to operate. The powerful fire-quenching spray is non-poisonous and will not affect the material ablaze. Never deteriorates, and never needs inspection. Refillable. Sturdy construction guaranteed for life. Shpg. wt., 1 lb.

HD-419 — List 3.95 Net 2.85



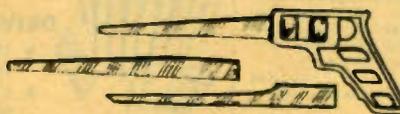
## RATCHET OFFSET SCREWDRIVERS

Handy, pocket-sized offset screwdrivers with built in ratchet. The perfect answer to those "knuckle busting" hard-to-reach places. Drivers are 4 3/4" long, with either 1/2" and 5/16" regular blade or #1 and #2 Phillips type blades. Bright plated finish — positive ratchet action. Shpg. wt., per set, 4 oz.

HD-243 — Regular blades Net .59  
 HD-246 — Phillips Type Net .59  
 HD-247 — Set of two Net 1.05



## SPECIAL NEST OF SAWS



Pistol grip handle gives excellent control. Three blades supplied: One medium, one fine, metal cutting and one woodcutting. Cuts cast iron, nails, bolts, sheet metal, pipe, plastic board, BX, conduit, hard and soft woods, aluminum, brass, lead, plastic, frozen foods, etc. Shpg. wt. 12 oz.

HD-47 Set 8.76

## "CHAMP" CRIMPING TOOL

- STRIPS WIRES
- CUTS BOLTS
- CRIMPS LUGS



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, 8-32, 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 4.95

## 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.

HD-88 Net 1.95



## POWER CRAFT JIG SAW

- ENCLOSED MECHANISM
  - SELF LUBE BUSHINGS
  - RUGGED CONSTRUCTION
- 8.95

Standard duty jig saw for shop and handyman. Throat depth 12". Table 8 1/2" x 8 1/2". Stroke is 9/16". Uses 6" or 6 1/2" blade up to 3/16" wide. Self-lubricating bronze bushings. 16" height x 17 1/2" long. 3" pulley. Shpg. wt., 14 lbs.

HD-67—Jig Saw..... Net 8.95



4 TOOLS IN 1 FOR INDUSTRIALS EXPERIMENTERS REPAIR SHOPS MODEL WORKERS SCHOOL SHOPS HOME WORK SHOPS.



- PUNCHES
- SHEARS
- RIVETS
- FORMS

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 1/2" from edge—1/8", 3/32", 3/16", 7/32" and 1/2" round. Furnish bolts up to 90° in rod or bar stock. Cleanly shears nuts up to 1 1/2" 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 10.39

**EXTRA PUNCH SETS** Av. shpg. wt., 1 oz.

HD-234 Hex—3/16", 1/2" and 3/4".....Net 1.45  
 HD-235 Square—1/4" and 3/16".....Net .95  
 HD-236 Rectangular—1/4" x 3/16" and 1/2" x 3/16" Net .95

YOUR ORDER RECEIVES PROMPT EFFICIENT SERVICE AT LAFAYETTE

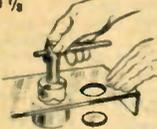
# HIGH QUALITY TOOLS - LOW LAFAYETTE PRICES



## NEW CHASSIS PUNCH SET

- EASY-SMOOTH-HOLES IN SHEET METAL
- 5 SIZES: 1/2", 5/8", 3/4", 1", 1 1/8"

**5.49**



Five most often needed round hole punches. Do the job in minutes - save hours of tedious hand labor. Cut smooth accurate holes for sockets - plugs - controls - panel lights - switches - terminals - most radio 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", 5/8", 3/4", 1", and 1 1/8". Supplied complete with punches, dies, T drive handle, tapered reamer, 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

## NEW! SQUARE PUNCH SET

- 3 NEEDED SIZES - 1/2" - 3/4" - 1"
- SMOOTH, ACCURATE, EASY TO USE.

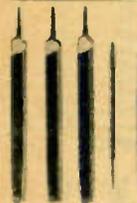
COMPARABLE VALUE \$14.00!  
**6.95**



Save time - save effort - cutting square holes in chassis - panels - sheet metal up to 1/4". 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", 3/4", 1" punches - dies - drive screw, T handle and wooden case. Shpg. wt., 2 lbs.

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 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 1/2"	2.65
HD-591	9/16"	3.53	HD-604	1 3/4"	3.00
HD-592	3/4"	2.29	HD-605	1 1/2"	3.39
HD-593	11/16"	2.29	HD-606	1 3/4"	3.97
HD-594	3/4"	2.29	HD-607	1 3/4"	4.50
HD-595	13/16"	2.29	HD-608	1 7/8"	5.60
HD-596	7/8"	2.29	HD-609	2"	6.04
HD-597	15/16"	3.97	HD-610	2 1/4"	10.80
HD-598	1"	2.51	HD-611	2 1/4"	6.57
HD-599	1-1/16"	2.65	HD-612	2 1/2"	13.00
HD-600	1 1/8"	2.65	HD-613	2 3/4"	16.09
HD-601	1-5/32"	2.65	HD-614	2-25/32"	11.02
HD-602	1-3/16"	2.65	HD-615	3"	22.93

TYPE 731, Square holes, AVG. Shpg. wt., 2 lbs.

HD-616	1/2"	4.18	HD-619	7/8"	5.29
HD-617	3/4"	4.32	HD-620	1"	5.73
HD-618	3/4"	4.76			

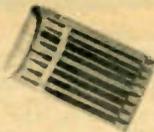
TYPE 732, KEYED SOCKETS, AVG. Shpg. wt., 1 1/2 lbs. ea.

HD-621	15/32"	4.41	HD-624	1-17/64"	5.15
HD-622	15/16"	4.32	HD-625	1-21/64"	5.59
HD-623	1-11/64"	4.71			

Replacement cap screws for 730, round hole, punches above. Shpg. wt., 4 ozs.

HD-626	for 1/2", 9/16", 3/4"	Net .26
HD-627	for 1/8" through 15/16"	Net .26
HD-628	for 1" through 1 1/2"	Net .30
HD-629	for 1 3/4" and 1 7/8"	Net .39
HD-630	for 1 7/8" through 2-25/32"	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, wording, pillar (one safe edge), square and round. All are Dead Smooth (No. 3) Cut. In heavy plastic case. Wt. 1 lb.

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.

HD-472 Net 1.10

## TUNGSTEN SPEED TAP & DIE SET



- 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, 5/16"-18, 3/8"-16, 7/16"-14, 1/2"-13. Complete with die stock, top wrench and fitted wooden case. Shpg. wt., 4 lbs.

HD-635 Net 2.69

## 12 PC. WOOD CARVING SET

**1.29**



Polished blades of good quality high carbon steel. Carefully tempered to take and hold a keen edge. Strong smooth hardwood handles. Heavy ferrules. Set includes gouges, spear points, round nose, skewes, paring tools, etc. For wood carving, sculpturing, linoleum, block carving. Shpg. wt., 3/4 lb.

HD-636 Net 1.29

## PLANE-R-FILE

**2.59**



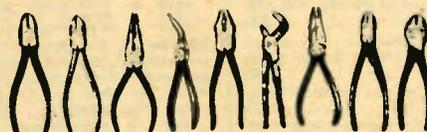
Cuts everything - from soft wood to tough steel! It's a plane! It's a file! Here in a single tool is a great new way to do all sorts of planing, filing, smoothing. Replaceable blade, double sided for double-life, shapes quickly, easily, gives smoother finish on wood and metal, even cuts steel. Die cast aluminum body - reversible handle. Complete with non-clogging, reversible, coarse blade. Shpg. wt., 12 ozs.

HD-637 Net 2.59

HD-638 Medium blade, 2 oz. Net .73

HD-639 Coarse blade, 2 oz. Net .73

## KRAEUTER "INDUSTRIAL" PLIERS

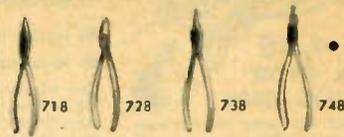


- ALL WITH HEAVILY INSULATED HANDLES

Fine quality - hammer-forged from high grade tool steel. Individually fitted, tempered and adjusted. Fully polished heads. Rust-resistant blue tempered handles.

STOCK NO.	TYPE	FIG.	DESCRIPTION	NET
HD-650	4501-5CG	A	5" Diagonal Cutters	2.24
HD-651	4501-6CG	A	6" Diagonal Cutters	2.58
HD-652	5601CG	B	5" Needle Point Diagonals	2.83
HD-653	1661CG	C	6" Long Nose Side Cutter	2.55
HD-654	1631CG	D	5 1/2" Curved Long Nose	2.65
HD-655	1830CG	E	6 1/2" Side Cutters	2.31
HD-656	710 CG	F	10" Joint Pliers	2.39
HD-657	1663CG	G	6" End Cutters	3.23
HD-658	2612CG	H	6 1/2" Wire Stripper Diag.	3.09
HD-659	4610CG	I	7" Heavy Duty Diag.	2.50

## 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 hand-ened 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 2.55

HD-641 738 Long reach-round nose Net 2.33

HD-642 738 Long reach-diagonals Net 2.55

HD-643 718 Long reach-Flat nose Net 2.33

## 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: 5/64", 3/32", 7/64", 1/8" and 5/32". Shpg. wt., 8 ozs.

HD-645 Net 1.64

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 5/64", 3/32", 7/64", 1/8" and 5/32". Magnetized to hold those tiny ones firmly. Complete with dust proof, stand up case. Shpg. wt., 6 ozs.

HD-644 Net 2.61

## 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 .040". 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-62 Net .99

## 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

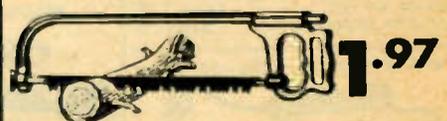
## ADJUSTABLE CURVE



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 Net 1.69

## NEW! PRUNING SAW



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., 7 lbs.

HD-654 Net 1.97

HD-653 Blade only, fits all 12" Hack saws Net .83

HD-211 Heavy Duty Hack saw Net 1.35

YOUR ORDER WILL RECEIVE PROMPT, EFFICIENT SERVICE AT LAFAYETTE

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# SOLDERING EQUIPMENT

## Weller INSTANT HEAT GUNS

### NEW! 4.35 WELLER 8100 SOLDERING GUN

New soldering gun rated at 100 watts. Features instant heating in 5 seconds. Trigger switch for fast on and off control. Also dual spot lights, pre-focused to assist your solder work. Tips are long life and easily replaceable. Shpg. wt., 4 lbs. **MODEL 8100—List 5.95** .....Net 4.35  
Lots of 3, Ea., 4.08 Lots of 12, Ea., 3.91

### NEW Weller Dual Heat Soldering Kit 5.83

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, 90-125 watts soldering gun—solder—wire brush—soldering aid. U.L. approved. 110-120 V. AC only. Shpg. wt., 3 lbs. **WELLER 8200K List 7.95** .....Net 5.83  
Lots of 3, Ea., 5.19 Lots of 12, Ea., 4.94

### "250 WATT" WELLER SOLDERING KIT 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—pens—cans—etc. Cut plastic files—repair plastic toys. Kit includes 250 watt instant heat—dual spotlight 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. 5 lbs.

**WELLER 8250-AK** .....Net 10.99  
Lots of 3, Ea., 9.77 Lots of 12, Ea., 9.29

### WELLER 250 WATTS SOLDERING GUN

250 watts soldering gun features instant on and off control with trigger switch. Dual spotlights eliminates shadows. Tips long life and replaceable. In rugged housing. Shpg. wt., 5 lbs.

**Model 8250A List 12.95** .....Net 9.52  
Lots of 3, Each 8.47  
Lots of 12, Ea., 8.04

### DRAKE DELUXE SOLDERING IRON 100 Watt



For general radio work. Quality nichrome wire on amber mica. Nickel plated, complete with 6 ft. cord, 3/8" tip and "Magic Cup" stand. Shpg. wt., 2 lbs.

**DRAKE NO. 325** .....EACH 3.82  
TIP FOR ABOVE.....EACH .35

### DRAKE SPECIAL IRON—60 Watt



An excellent iron for light work. Element wound on porcelain tube. Complete with 6 ft. cord, 3/8" tip and small stand. Shpg. wt., 2 lbs.

**DRAKE NO. 315** .....Each 1.65  
TIP FOR ABOVE.....EACH .53

### 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 card, plug and one tip. 110-120 volts AC 60 cycles.

**Model D440** Dual-heat type. 100-150 watts. Shpg. wt., 3 lbs. List 12.95.

Net 9.52  
Lots of 3, Ea., 8.47 Lots of 12, Ea., 8.04  
**Model D-550** Dual-heat type. 200-275 watts. Shpg. wt., 3 1/2 lbs. List 16.25.

Net 11.71  
Lots of 3, Ea., 10.53 Lots of 12, Ea., 9.94

### WELLER MAGNASTAT SOLDERING IRONS



- BUILT-IN TEMPERATURE CONTROL
- LIGHT AND FULL HEATING
- QUICK WEIGHT STURDY CONSTRUCTION

New Weller irons featuring built-in Magnastat precise temperature control for more reliable soldering connections; no temperature "peaks" and no "lows"; no overheating. Heats quickly. Light weight, sturdy and balanced constructions. Tips replaceable.

**MODEL TC-40** 40 watts iron. Shpg. wt., 8 oz. List 9.00 .....Singly, Net 6.67  
Lots of 6, Ea., 5.88 Lots of 24, Ea., 5.31

**MODEL TC-60** 60 watts iron. Shpg. wt., 8 oz. List 10.00 .....Singly, Net 7.35  
Lots of 6, Ea., 6.55 Lots of 24, Ea., 5.88

**MODEL TC-120** 120 watt iron. Shpg. wt., 12 oz. List 11.50 .....Singly, Net 8.47  
Lots of 6, Ea., 7.54 Lots of 24, Ea., 6.76

### MAGNASTAT WELLERTIPS

Replacement tips, screw on simply, securely. Shpg. wt., 4 oz.

**WT-40 3/16"** for #TC-40. List .50 Net .37

**WT-60 3/16"** for #TC-60. List .70 Net .52

**WT-120 3/8"** for #TC-120. List 1.20. Net .88

### REPLACEMENT TIPS

Shpg. wt., 4 oz.

No. 7135 For light-duty, models WS-100, WD-135, S-400, D-440 and 8100. Pkg. of 2 .....25c

No. 7250 For models WS-200, WO-250, S-500, D-550 and 8250A. Pkg. of 2 .....35c

No. 7300 Chisel tip. For use only in older models S-1078 and D-207. Pkg. of 2 .....25c

No. 6130 Cutting tip. Cuts plastic tile, etc. For models WS-200, WD-250, S-500, D-550, 8250A .....34c

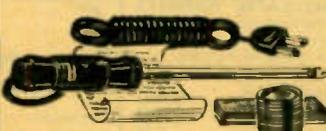
No. 6110 Cutting tip. For models WS-100, WD-135, S-400, D-440, 8100 .....34c

No. 6140 Smoothing tip. For heat sealing plastic. For models WS-200, WD-250, S-500, D-550, 8250A .....34c

No. 6120 Smoothing tip. For models WS-100, WD-135, S-400, D-440, 8100. Pkg. of 2 .....25c

No. 8125 Soldering tip, for model 8200. Pkg. of 2 .....25c

### 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

# Ungar SOLDERING PENCILS

## STANDARD "776"



Popular soldering pencils weigh only 3 oz. Ideal for printed circuit and other fine soldering uses. Cool balanced handle. Fits 30 different replaceable tips. With 7" extra flexible line cord. Less tip and element. For 115V, AC-DC.

**Model 776** Shpg. wt., 5 oz. List 1.50 ea. Lots of 10, Ea. 96c. Singly, Ea. 1.18



## HEAVY DUTY SOLDERING SET MODEL 507

Latest, handiest, multi-purpose soldering kit in the famous Ungar line. Kit contains an extra heavy duty soldering unit for radio, TV or electrical appliance work. A precision unit for printed circuits, instruments and miniature parts. A circuit tester for electrical trouble shooting, trouble and test light, heavy duty handle for soldering units and test light, rail or solder, terminal connectors, emery paper and insulating tape. Soldering units are UL approved. Shpg. wt., 2 lbs. **HD-449** List 5.00 .....Net 3.91

## 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 trolley rectangular de-soldering trolley; and 4 circular de-soldering tipples. In sturdy metal case. **HD-447** ..... Shpg. wt., 2 lbs. ....Net 4.65

## NEW 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

## UNGAR TIPLETS AND MINI-TIPS

Model	Fig.	Descript.	Length	O.D.	Use with Heating Unit	1-9	10 or more
PL111	A	Pencil mini-tip	3/8"	3/16"	1237, 4037	.59	.48
111	A	Copper mini-tip	3/8"	3/16"	1237, 4037	.20	.17
PL113	B	Chisel mini-tip	3/8"	3/16"	1237, 4037	.59	.48
113	B	Chisel mini-tip	3/8"	3/16"	1237, 4037	.20	.17
PL331	C	Pencil tippet	1"	3/16"	535, 1235, 4035	.47	.38
331	C	Pencil tippet	1"	3/16"	535, 1235, 4035	.16	.13
PL332	D	Offset tippet	1"	3/16"	535, 1235, 4035	.47	.38
332	D	Offset pencil tippet	1"	3/16"	535, 1235, 4035	.16	.13
PL333	E	Chisel tippet	1"	3/16"	535, 1235, 4035	.47	.38
333	E	Chisel tippet	1"	3/16"	535, 1235, 4035	.16	.13
PL338	F	Needle tippet	1"	3/16"	535, 1235, 4035	.47	.38
338	F	Needle tippet	1"	3/16"	535, 1235, 4035	.16	.13
PL823	G	Pyramid	1"	3/16"	4045	.47	.38
823	G	Pyramid tippet	1"	3/16"	4045	.16	.13
PL824	E	Chisel tippet	1"	3/16"	4045	.47	.38
824	E	Chisel tippet	1"	3/16"	4045	.16	.13
PL835	E	Chisel long taper	1"	3/16"	4045	.78	.64
PL834	D	Chisel offset	1"	3/16"	4045	.78	.64

### ELEMENT—TIPS



**4000 Series, Super Hi-Heat 900°-1000°F** tip temperature. 47 1/2 watts for heavy duty use. Tellurium copper base, plated with iron and pure silver. For 115V, AC-DC. Av. shpg. wt., 5 oz.

Type Fig. Description Each 10 Up, Ea.  
4033 A 1/4" Chisel  
4036 B Pyramid 2.35 1.91  
4039 A 3/8" Chisel

**1200 Series, Hi-Heat 750°-800°F** tip temperature. 37 1/2 watts for medium duty use. Silver-plated solid Arma pure iron. For 115V, AC-DC. Av. shpg. wt., 3 oz.

Type Fig. Description Each 10 Up, Ea.  
1233 A 1/4" Chisel 1.18 .96  
1236 B Pyramid 1.18 .96  
1239 A 3/8" Chisel 1.18 .96

**500 Series, Standard 650°-700°F** tip temperature. 23 1/2 watts for general purpose use. Tellurium copper tip. For 115V, AC-DC. Av. Shpg. wt., 3 oz.

Type Fig. Description Each 10 Up, Ea.  
533 A 1/4" Chisel .98 .78  
536 B Pyramid .98 .78  
539 A 3/8" Chisel .98 .78

### DE-SOLDERING TIPLETS



These Ungar De-Soldering Tippets will help you remove components 70% faster than ordinary iron tips by melting solder on all terminals simultaneously. All De-Soldering Tippets are used with Ungar 4045 heating unit. Shpg. wt., 6 oz.

Type	Fig.	Description	1-9	10 or more
854	A	1" Cup tippet		
855	A	3/4" Cup tippet		
856	A	1/2" Cup tippet	.59	.48
857	B	Slatted tippet		
861	D	Triangle tippet		
862	E	Offset Slotted tippet		
863	F	Cube tippet		

### HEATING UNITS—TIPLETS



HEATING UNITS. For use interchangeably with any tippet except \* for 808 and † for 100 series only. Iron base, silver plated. Av. shpg. wt., 2 oz. For 115V, AC-DC.

TYPE	DESCRIPTION	FIG.	NET 1-9	EACH 10 UP
4048*	Super Hi-Heat 850° 4 7/8" W	A	2.35	1.91
4035	Super Hi-Heat 850° 4 7/8" W	A	2.35	1.91
4037†	Hi-Speed 900° 4 7/8" W	B	2.35	1.91
1235	Hi-Heat 750° 3 7/8" W	A	1.18	.96
538	Standard 650° 3 3/4" W	A	.98	.78
1237†	Hi-Speed 900° 3 3/4" W	B	1.18	.96

### DELUXE SOLDERING KIT MODEL 250

A complete set of precision soldering tools for every need. Consists of #880 feather-weight handle plus 16 interchangeable tips, heating units and tippets. In handsome, sturdy metal case. A truly outstanding value. Shpg. wt., 5 lbs. **HD-450** List 25.00 .....Net 19.60

# Soldering Tools and Solder

## WEN "QUICK-HOT" GUN

4.66  
WEN 100

- Light weight — only 19 ozs.
- Extra slim — only 1-11/16"
- Fast heat—Soldering temperature in 2 1/2 sec.



Highly efficient, new transformer-type gun. Develops full 100 watts of power in 2 1/2 seconds. Compact — only 1 11/16" thin; light weight — only 19 oz. Replaceable, extra-long steel-nosed life tips. Built-in spot light focused on work. 6 ft. cord and plug 120 V, 60 Cycle A.C. Shpg. wt., 2 1/4 lbs.  
 HD-550 List 5.95 ..... Net 4.66  
 TYPE 1984 TIP: For Wen 100 and 199. Standard type. Shpg. wt., 3 oz.  
 HD-551 List .50 ..... Net 34c

## WALL "INSTANT HEAT" GUN



TRIG-R-HEAT, transformerless, instant heat soldering gun. Wattage automatically regulated. Only 8 oz. 1/2" preheated tip. Maximum watts 150 — minimum 75. UL approved cord and plug. Shpg. wt., 1 1/2 lbs.  
 HD-552 238T less light ..... Net 5.51  
 HD-553 238LT with light ..... Net 5.87  
 HD-554 Replacement tip and element unit wt. 10 ozs. .... Net 2.94

## 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. 18MD, Industrial type, 25 watts. Weights only 1 oz. 14T has range of 125 to 40 watts, weights only 1 1/2 oz. Shpg. wt., 8 oz.  
 HD-555 18MD 1/2" tip ..... Net 5.23  
 HD-556 14T 1/4" tip ..... Net 5.23  
 HD-557 Tip for 18MD wt. 2 oz. Net .14  
 HD-558 Tip for 14T wt. 2 oz. Net .26

## Chemalloy FLUXLESS ALUMINUM SOLDER



- EASILY SOLDERS OR WELDS ALUMINUM
- REQUIRES NO FLUX OR CLEANING
- EASY AND SAFE TO USE

New, improved, fluxless aluminum solder will solder, bronze, or weld aluminum, zinc, patmetals, copper, brass, galvanized metals, aluminized-copperized-tinned surfaces. Solders thinnest gauge 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 such as torches—hot plates—stove burners—soldering guns or irons. Does not splatter or explode—requires no special skill or care in handling. Readily withstands immersion and contact with liquids—exceeding the most violent chemicals. Use 500° for average work, 800° for heavy work on high tensile strength joints.  
 HD-559 4 oz. Bar, 500° ..... Net 59c  
 HD-560 4 oz. Bar, 800° ..... Net 59c  
 HD-561 1 lb. Bulk 500° ..... Net 1.59



- BUILT FOR CONTINUOUS DUTY
- LIGHTWEIGHT—A MERE 2 OZS.
- PERFECTLY BALANCED—NO FATIGUE!
- EXCEPTIONALLY COOL RUNNING!

## 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.

### REPLACEMENT TIPS

Types marked \* are solid nickel, others are nickel plated copper.

Stock No.	Type	Size	For Model	Net
HD-537	A	5/32"	6A, 9-6	.49
HD-538	B	3/32"	6A, 9-6	.49
HD-539	C	3/16"	12-6	.49
HD-540	D*	5/32"	12-6	1.76
HD-541	E*	3/32"	12-6	1.76
HD-542	F	3/16"	18	1.22
HD-543	G*	3/16"	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 4.85

### 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 5.83

Stock No.	Type	Watts	Tip	1-11	12 or More
HD-530	6	6	Fixed	4.85	4.36
HD-531	6A	6	B	4.85	4.36
HD-532	9.6	8	A	4.85	4.36
HD-533	11*	10	D	6.81	6.32
HD-534	12.6	12	C	4.85	4.36
HD-535	18	18	G	7.35	6.91
HD-536	25.12†	25	H	7.84	7.40

\*Develops 800° F.  
 †Develops 1000° F., uses 12 volt source.



## LENK LP TORCH MODEL 295LP

1.96 16 OZ. FUEL CONTAINER

An all purpose liquified petroleum torch. Does regular soldering—sweat fittings—silver soldering—remove finishes, points 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 1.96

REPLACEMENT FUEL TANK—for all Lenk LP Torches. Shpg. wt., 1 lb.  
 HD-565 ..... Net .73

## NEW! 30 watt INDUSTRIAL SOLDERING PENCIL

Designed specifically for industrial use. Maximum wattage in the lightest-smallest-coolest 30 watt iron available. Nine inches long—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 ..... Net 1.79  
 HD-476 Replacement Tip ..... Net .20

## 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 baffle, with stand, 6 ft. cord and 1/2" tip. Length 12 1/2". Shpg. wt. 2 1/2 lbs.  
 HD-566 ..... 5.83  
 HD-567 No. 3738 Extra 1/4" tip wt., 3 oz. .... .37  
 MODEL 3128—60 Watt (A)  
 Light duty model with 1/4" tip. With cord and stand. Shpg. wt. 1 lb.  
 HD-568 ..... 3.67  
 HD-569 No. 3728 Extra 1/4" tip wt., 3 oz. .... .30

## 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. Shpg. wt., 1 lb.  
 HD-315 — List 2.95 ..... Net 2.25  
 HD-226 — Torch only, with 1 charger wt. 12 ozs. .... Net 1.59  
 HD-227 — Extra chargers, Pkg. of 2 wt. 8 ozs. .... Net .39

## LENK SOLDERING PENCIL



Model 251. Lightweight, rugged, 25 watt pencil type iron. 1/2" dia. tip perfect for tight wiring jobs. Ideal for production line use — designed for continuous duty applications. Nickel plated copper tip has high corrosion resistance. Miniature barrel of stainless steel and tiny tip permit access to "parts-packed" chassis. Total weight, including cord, only 4 oz. Element of silver nichrome and mica on a brass core. Use on 110-120 volts AC-DC. Shpg. wt. 8 oz.  
 HD-570 25 watts ..... Net 4.41  
 HD-571 Model 256 40 watts ..... Net 4.41

## HYTRON SOLDERING AID

Effortlessly unwraps "mechanically solid" joints. Reams solder from lug holes. Has handle with straight reamer tip.  
 HD-36 Shpg. wt., 8 oz. ..... Net .65  
 Same as above with angled reamer tip.  
 HD-177 ..... Net .65

## SPYRALINE SOLDER DISPENSER



• 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 unoxidized. 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

- LOW HEAT ALLOY #238.

An alloy designed for a fast band without overheating critical circuit board overlays. Has a broad band melting range of 240° - 320° F; can use low wattage soldering iron. Safe for silver ceramics and transistors. Shpg. wt., 1/2 lb.  
 HD-416 Net .62, ea. Package of 3 1.69

## "SAL-MET" FLUX SOLDERS ALL METALS

• 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. Enjoys nation-wide use. Packed in 1 oz. tubes.  
 HD-427 per tube ..... Net 72c

## 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 1.17  
 HD-573 Resin core 3/32" Dia.—1 lb. Sp. ..... Net 1.11  
 HD-574 Resin core 3/32" Dia.—5 lb. Sp. ..... Net 5.35  
 HD-575 Resin core 1/16" Dia.—1 lb. Sp. ..... Net 1.14  
 HD-576 Resin core 1/16" Dia.—5 lb. Sp. ..... Net 5.50  
 HD-577 Acid core 1/8" Dia.—3 oz. Tin ..... Net .17  
 HD-578 Acid core 1/8" Dia.—1 lb. Sp. ..... Net 1.11  
 HD-579 Acid core 1/8" Dia.—5 lb. Sp. ..... Net 5.35

## 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 3-3/32" Dia.—1 lb. Sp. Net 1.11  
 HD-581 3/32" Dia.—5 lb. Sp. Net 5.35  
 HD-582 1/16" Dia.—1 lb. Sp. Net 1.14  
 HD-583 1/16" Dia.—5 lb. Sp. Net 5.50

## KESTER PASTE FLUX

HD-584 Non-Corrosive 2 oz. .... Net 1.12

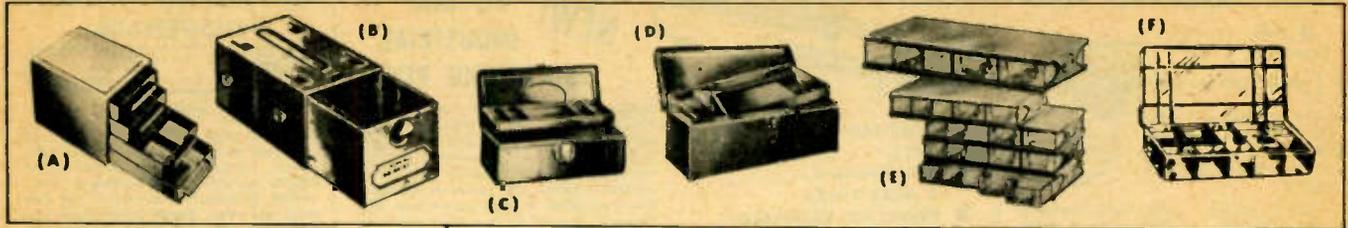
## ERSIN MULTICORE SOLDER

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 .49

# Values for Servicemen and Dealers



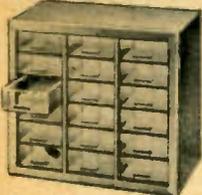
**SPECIAL STEEL CABINET (A)**—An ideal all-steel cabinet for stocking and storing small parts. Three drawers contain six partitions and one drawer one partition for larger parts. Beautiful blue hammer-tone finish. Size 6" wide, 6 1/4" high, 8" deep. Shpg. wt., 3 lbs.  
**MC-10** ..... Net 1.95

**STEEL 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. Two-tone green finish, all steel construction. Size: 2 1/2 x 2 1/4 x 5". Wt., 10 oz.  
**MC-11** ..... Ea., .39c  
 In lots of 10, ea. 35c

**MC-13**—Dividers for above ..... 3c

## NEW! Knicknack CABINET

• 18 Drawers—each one 5 1/4" x 2 1/4" x 1 1/4"



COMPARABLE VALUE 6.98

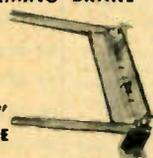
Perfect storage for articles up to 6" long! Holds thread, pins, bolts, screws, nails, stamps, jewelry, cosmetics, fishing lures—hundreds of other items used in home, office or shop. Crystal clear transparent plastic drawers for "quick picking," cannot

spill, yet instantly removable to carry to work area. Heavily molded of shatter-proof plastic maximum strength. Smooth sliding ribs molded into bottom assure easy opening and extra rigidity. Removable dividers make one drawer into three compartments. Welded steel cabinet stands, stacks or hangs on wall. Includes index labels, crosswise dividers. Cabinet measures 9" H x 10" W x 6" D. Shpg. wt. 8 lbs.  
**MC-32** ..... Net 3.95

## 18" BENDING AND FORMING BRAKE

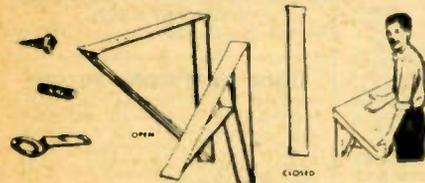
• FOR EXPERIMENTERS—SERVICEMEN—SHOPS •

- CLEAN SMOOTH BENDS
- FORMS UP TO 90°
- HANDLES UP TO 18" WIDTH IN UP TO 16 GAUGE THICKNESS.



Unique design permits forming chassis, bases, 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** ..... 15.95

## "DROP TOP" FOLDING BRACKETS



- MOUNTS ON ANY WALL SURFACE
- FOOTPROOF SAFETY CATCHES

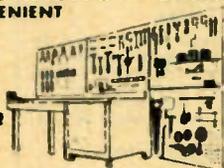
Put your walls to work with these new Drop Top brackets. Mounts on any wall surface. Makes any top—table—flush door—plywood panel—etc. a folding, wall mounted unit. Opens to become a strong, steady work bench—table—desk. Closes flat against the wall. Safety catches "lock" brackets in horizontal position. Can't sway—wobble—or bounce. Made of heavy, rigid steel, blue-gray baked-on finish. Set includes 2 brackets, 4 lug screws, 4 rawl plugs, 4 wood screws and wrench. 22" L x 3" W. Shpg. wt., 11 lbs.  
**HD-318**—List 7.95 ..... Net per pr. 6.50

**TOOL AND UTILITY BOX (C)**—14 1/2" long tool box. Cantilever 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. 14 1/2" long, 6 1/4" wide, 4 1/2" deep. Shpg. wt., 3 lbs.  
**MC-12** ..... Net 1.59

**SUPER TOOL CHEST (D)**—A steel chest built to last. Removable take-away. Double lock seamed 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.  
**MC-22** ..... Net 4.70

## PIN-UP WORKSHOP UNIT

- THE MOST CONVENIENT TOOL STORAGE!
- 12 SQ. FEET OF STORAGE SPACE!
- SET UP IN SHOP—GARAGE—HOME!



5.87

One handy package provides approximately 12 square feet of storage space. Four squares of tempered perforated hard-board for complete flexibility of design in hanging. 62 special fixtures plus small parts—jars—shell brackets—screwdriver holder—exclusively designed for holding the largest variety of tools. Mounts easily on any flat surface. Pre-coated hardboard is 1/8" thick—may be painted to suit. Unique self-lacking fixtures can't "give" or twist out. Supplied complete with fixtures—mounting screws—spacers—and instructions. Shpg. wt., 15 lbs.  
**HD-220** ..... LIST 7.98 ..... Net 5.87  
 Same as HD-220 except includes only hooks, fixtures, mounting hardware and instructions. Less perforated hard-board. Shpg. wt., 7 lbs.  
**HD-391** ..... Net 8.89

## VIS-A-PART CLIPS AND 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—Jrills—pins—seeds—buttons—fish hooks—splees—anything, anywhere! Screw on caps eliminated! Permits visible inventory. Costs less than drawer or bin storage units. Protects from dust and dirt.  
**HD-190** Set of 2 ..... Net .10  
**Jars** for use with Vis-A-Part Clips. **HD-191** ..... Net each .06

## VIS-A-PART BOARDS

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.  
**HD-166** 24 jars 18"x18" Board. Shpg. Wt. 9 lbs. 3.63  
**HD-390** 18 jars 13 1/2"x18" Board. Shpg. Wt. 6 1/2 lbs. 2.73  
**HD-167** 12 jars 18"x18 1/2" Board. Shpg. Wt. 5 lbs. 2.30  
**HD-168** 6 jars 18"x5" Board. Shpg. Wt. 2 1/2 lbs. 1.05

## TAP, DRILL AND DIE SET

Useful set for handy man and model shop workers. Three 1" dia. dies (4-36, 6-32, 8-32) with die stock; three taps (4-36, 6-32, 8-32) and 3 matching tap drills for these taps. Tap holder and mohogony case. Shpg. Wt., 3 lbs. **HD-28** ..... Net 4.26

**STACK-UP STORAGE CABINETS (E)**—Convenient, logical small parts storage. Add units as you need them. Stackup 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., 1 1/2 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	Compart.	Wt.	Each
MS-51	7"x3 1/2"x1-3/16"	5	5 Oz.	.41
MS-52	8 1/4"x4 1/4"x1 1/4"	6	7 Oz.	.53
MS-53	7"x3 1/2"x1-3/16"	9	5 Oz.	.41
MS-54	8 1/4"x4 1/4"x1 1/4"	12	7 Oz.	.53
MS-55	10 1/4"x6 4/16"	18	17 Oz.	1.35

## AKRO-MILS HAZ-BIN CABINETS



- STACK-STAND-OR HANG

Akro-Mils cabinets allow perfect storage and inventory of all small electronic parts. No more frantic moments wasted searching for small, misplaced items. Drawers can be divided to meet specific needs. Stand on flat surface. Can be stacked, or hung from wall. Stack Haz-Bin Cabinets back to back—side to side—or top to bottom. Includes index labels, dividers, rubber feet. DRAWERS are 2 1/4" wide, 1-7/16" deep, 5 1/4" long. All models 6" deep. J-24 through J-48 1 1/2" wide. J-64 through J-128 2 1/4" wide.

Stock No.	Model	Drawers	Height	Weight	Net ea.	Net ea. lots of 3 ass'd.
MC-26WX	J-128	128	30 1/2"	50 lbs.	52.98	47.68
MC-27WX	J-96	96	22 1/2"	38 lbs.	41.98	37.78
MC-28WX	J-64	64	15 1/2"	24 lbs.	23.98	21.58
MC-29WX	J-48	48	22 1/2"	18 lbs.	18.98	17.08
MC-30	J-32	32	15 1/2"	12 lbs.	11.98	10.78
MC-31	J-24	24	12 1/2"	10 lbs.	9.48	8.53

## "Little Smith" Anvil

"Little Smith" is the perfect companion for the hobbyist-inker-maker-aurer. Measures only 4 1/2" x 2 1/4" x 2 1/4" overall. Rugged enough for heavy pounding-sized right for home or hobby. Makes a perfect paper weight for the craftsman's bench or desk. Shpg. wt., 2 lbs.  
**HD-460** ..... Net .98

## 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

## "Tri-Y" Screwdriver Set

Two screwdrivers of unique design. Convenient—6 points on 2 tools. Utilitarian—the most often needed standard and recessed blades. "Tri-Y" grip provides extra leverage you can't get from ordinary screwdrivers. Hardened and tempered blades set in rugged, amberaid plastic. Shpg. Wt., 2 lbs.  
**HD-457** Set of 2 ..... Net .98

# DECORATOR HI-FI Shelf and Cabinet Accessories

## ADJUSTABLE HARDWOOD LEGS

- Self leveling Swivel glide
- EASY TO ATTACH!

Made of genuine hardwood. 1 3/4" In diameter at the top, graceful taper. Each leg has a brushed brass ferrule at the tip. Sanded, ready to finish. Adjust to straight or flared style after attaching platform! Makes any TV set a console! Build your own HI-FI cabinets! Set of four legs—complete with hardware.

Stock No.	Ht.	Shpg. Wt.	Net
ML-96	3 1/2"	1 1/2 lbs.	2.55
ML-76	6"	1 3/4 lbs.	2.70
ML-99	9"	2 1/2 lbs.	3.00
ML-77	12"	2 1/2 lbs.	3.15
ML-102	14"	3 1/4 lbs.	3.45
ML-78	16"	3 1/4 lbs.	3.60
ML-103	18"	4 lbs.	4.05
ML-79	22"	4 1/2 lbs.	4.50
ML-80	28"	4 1/2 lbs.	5.40

## TAPERED BRASS FINISH LEGS

- TUBULAR CONSTRUCTION
- FINE SATIN FINISH

Give a contemporary look to TV sets, radios, record players, tables, chairs, bookcases, chests, etc. New heavy duty bracket for straight or flared style. All steel rust-resistant legs with lacquered satin brass electrophoretic finish. Automatic self leveling, self locking glide. Set of 4 legs—complete with hardware.

Stock No.	Ht.	Shpg. Wt.	Net
ML-87	6"	2 3/4 lbs.	5.85
ML-88	11"	4 lbs.	6.75
ML-89	16"	5 1/2 lbs.	7.65
ML-90	22"	6 3/4 lbs.	8.10
ML-91	29"	8 1/4 lbs.	9.90

## WROUGHT IRON LEGS

Do it yourself. With these smartly styled "hairpin" legs you can build modern benches, bookcases, tables, etc.—or mount them on your present TV set or other furniture. Sturdily constructed of 3/8" rod with welded steel top already drilled for insertion of screws. Set of 4 legs.

Stock No.	Ht.	Shpg. Wt.	Net
ML-53	6"	3 1/2 lbs.	2.25
ML-54	12"	5 lbs.	2.49
ML-55	17"	6 1/2 lbs.	2.89
ML-56	24"	8 lbs.	3.59
ML-57	29"	9 1/2 lbs.	3.89

## WROUGHT IRON FOLDING LEGS

- Make your own Folding Tables
- Ideal with flushdoor

Heavy duty—snap lock—wrought iron—folding legs. Make a fold-away table of any flush door or heavy ply panel. Snap lock notch holds legs securely in open or folded position. Ideal for that "extra" table in home, office, shop, or store. Perfect for patio furniture that must be stored away compactly. Kit includes mounting plate—legs—screws—instructions. Everything but the lumber. Brass finish. Shpg. wts., 29" table set 11 lbs., 16" coffee table set 6 lbs.

HD-341—29" set—List 8.20	Net 6.15
HD-342—16" set—List 4.40	Net 3.30

PLASTIC FLOOR GUIDES for wrought iron legs, straight or flare type. Prevents damage to carpet and linoleum. 4 per set. Shpg. wt., 4 oz. per set. ML-117—Set of 4 Net .45

## "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 .54 ea.
ML-93—14" spacer—Wt. 8 oz.	Net .75 ea.
ML-94—cap—Wt. 1 oz.	Net .09 ea.
ML-95—4" leg—Wt. 3 oz.	Net .18 ea.

## NEW! PRE-FINISHED TAPERED LEGS

- Unbreakable Hi-Impact Plastic
- Furniture Finish Malted in

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.

FINISH	STOCK NO.	HT.	SHPG. WT.	NET
Mahogany	ML-181	3"	1 1/2 lbs.	2.69
	ML-182	6"	1 3/4 lbs.	3.39
	ML-183	10"	2 1/2 lbs.	4.29
	ML-184	14"	3 1/4 lbs.	4.95
Walnut	ML-185	3"	1 1/2 lbs.	2.69
	ML-186	6"	1 3/4 lbs.	3.39
	ML-187	10"	2 1/2 lbs.	4.29
	ML-188	14"	3 1/4 lbs.	4.95
Ebony	ML-189	3"	1 1/2 lbs.	2.69
	ML-190	6"	1 3/4 lbs.	3.39
	ML-191	10"	2 1/2 lbs.	4.29
	ML-192	14"	3 1/4 lbs.	4.95

## 12" LAZY SUSAN BEARING

- COMPACT — INTERLOCKED UNIT

- USES 140 BALL BEARINGS

- MAKE TURNTABLES 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—machine stands—chairs—displays—model railroads—paint spray turntables—boat seats—picnic tables—bird feeders—hanging revolving shelves—etc. Attaches easily to first and second surface. No functional contact between races. No contact under load except on ball bearings. One unit construction—no loose parts. Only 5/16" thick—can be recessed, reducing above board space to 1/4" Center opening allows for center post. Will give a life time of sturdy service. Shpg. wt., 2 lbs. HD-428 Net 2.66

## NEW! TUNGSTEN-CARBIDE



- Lifetime Sanding Accessories
- Lifetime Sanding and Cutting Tools
- Miracle Abrasive—harder than steel
- Makes sandpaper obsolete

The amazing discovery of brazing tungsten carbide grits to steel makes possible the finest sanding equipment ever known. Each grit becomes a sanding edge that performs perfectly and stays keen and sharp indefinitely... and makes sandpaper obsolete. For use on wood, plastic, plaster, wallboard. All composition materials. Eliminates forever the nuisance of stopping to change torn or worn-out sandpaper. Faster—easier—saves time, effort, and money. Discs for use with all standard power drills, sheets for use with all standard oscillating and orbital sanders. Avg. Shpg. wt. for discs and sheet—6 ozs.

(A) Handy-Sander: Hand-sanding lock kit. Contains sanding block, one fine grit sheet, one coarse grit sheet and felt pad. Cleans easily with solvent or wire brush. Shpg. wt., 1 lb. HD-319 Net 1.69

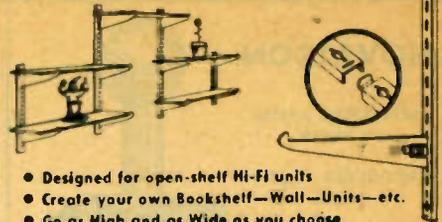
Extra sheets for Handy-Sander. Pkg. of 2—1 coarse, 1 fine. Shpg. wt., 4 ozs. HD-445 Net 1.12

(B) 5-in-1 Wheel: For use with power saws. Shapes—saws—ploughs—runds—dadoes. Cuts and sands in one operation. No bind, drag or kick back. 80 grit on one side, 36 grit an edge and other side. Never needs sharpening. Shpg. wt., 1 lb. HD-435 6 1/2" Wheel, 1/2" Arbar with reducer to 3/4" Net 5.21

## SANDING DISCS AND SHEETS

TYPE	Fine Grit (150)	Med Grit (80)	Coarse Grit (60)	Net ea.
D) 5" Sanding Disc	HO-429	HO-430	HO-431	.87
C) 5/8" x 9" Sheet	HO-432	HO-433	HO-434	1.12

## FaMa CUSTOM SHELF ACCESSORIES

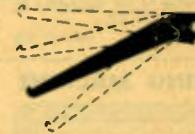


- Designed for open-shelf Hi-Fi units
- Create your own Bookshelf—Wall—Units—etc.
- Go as High and as Wide as you choose

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. Exclusive "Link" 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 a oily, floating look. Satin chrome and satin brass finish. Shelves not included.

Finish	Stock No.	Shelf Width	Shpg. Wt.	Net Per Pair
SATIN CHROME	ML-193	8"	8 oz.	.75
	ML-194	8"	10 oz.	.88
	ML-195	10"	12 oz.	.95
	ML-196	12"	14 oz.	1.10
	ML-197	14"	1 lb.	1.19
SATIN BRASS	ML-198	8"	8 oz.	1.05
	ML-199	8"	10 oz.	1.18
	ML-200	10"	12 oz.	1.26
	ML-201	12"	14 oz.	1.39
	ML-202	14"	1 lb.	1.49

"Link" Strip Wall Standards. 12" long. Interlock to any desired lengths. Shpg. wt., 6 oz. ML-203 CHROME Net ea. .29 ML-204 BRASS Net ea. .32



## MAGAZINE SHELF BRACKET

New, adjustable support for wall magazine rack. Adjust to four positions, up to a 45° angle. Finish Silver-Tone or Satin Brass.

Finish	Stock No.	Shelf Width	Shpg. Wt.	Net Per Pair
Silver-Tone	ML-205	10"	14 oz.	2.18
ML-206	12"	1 lb.	2.33	
Satin-Brass	ML-207	10"	14 oz.	2.33
ML-208	12"	1 lb.	2.63	

## 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.	.54
ML-142	8" bracket	3/4 lb.	.63
ML-143	10" bracket	1 lb.	.72
ML-144	12" bracket	1 1/2 lbs.	.81
ML-145	14" bracket	2 lbs.	1.00
ML-146	13 1/2" Standard	2 lbs.	.81
ML-147	6" Standard	8 oz.	.54



## NEW! LEVEL-ALL

- Universal Surface leveler

Level anything—anywhere—anytime! Shelves record changers—shop tools—cameras—stoves—refrigerators building projects—cabinets—trailers—and many more items. Simply center the bubble in the ring. The "Level-All" may be mounted on a larger base, or trued up board, for spanning large areas. A professional tool—a home craftsman necessity. Shpg. wt., 4 ozs. HD-667 Net .69

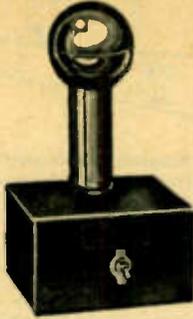
WHEN ORDERING ALWAYS USE LAFAYETTE STOCK NUMBERS IF SHOWN

# Hobbyists- Students- Experimenters

## NOVATRON

- MINIATURE ATOM SMASHER
- PRODUCES 75,000 VOLTS
- ABSOLUTELY SAFE

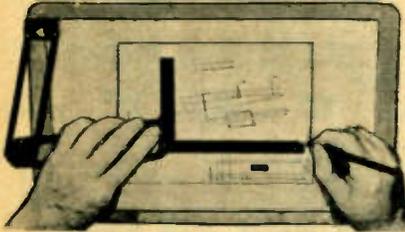
11.95



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 it 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 atomic space ship drive—and many other experiments. Constructed of the finest materials. Will do exactly—for instruction purposes—what generators that cost 3 to 10 times more will do. The perfect device to teach the secrets of atomic physics and electricity. 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.

F-371 Assembled—Shpg. wt., 4 lbs. Net 11.95

## "draftette" DRAFTING MACHINE



Full 180° protractor scale, finest aircraft aluminum with black satin finish. Engraved, white filled numbers and markings are machine calibrated to  $\pm .0005$  of an inch. Folds like a jackknife... slips into drawer or briefcase, eliminates clutter of T-square, ruler, protractor, triangles. Clamps to drawing board or sketch pad. Layout chassis, diagrams, sketches, design detail, surveys etc.

F-287 Draftette with 3 x 5" scale, shpg. wt., 1 lb. List 4.95 Net 3.95

F-289 Draftette with 3 x 5" scale, attached to 11" x 17" drawing board. Shpg. wt., 3 lbs. Net 5.20

F-401 Draftette with 4 x 6" scale, List 6.95. Net 5.56

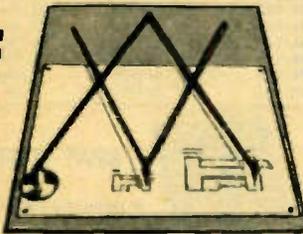
F-402 4 x 6" Draftette mounted on 11" x 17" drawing board. List 8.50 Net 6.80

## HARD MAPLE PANTOGRAPH

- ENLARGES
- REDUCES
- REPRODUCES
- PRECISION
- SUSPENDED!

21" adjustable pantograph—21 different ratios from 1 1/2" to 8. Enlarges, reduces or reproduces drawings—sketches—diagrams—

pictures—maps etc. Most rapid, accurate means of reducing or enlarging to scale. Lacquered highly finished bars are 21" long and 3/8" wide. Heavy metal standard, with bearing eliminates all friction. Chrome plated hardware—ratio thumb screws and nuts. Complete with lead, accessories and detailed instructions. Shpg. wt. 2 lbs. F-158 Net 3.75



## NEW JET-E-RASE ELECTRIC ERASING MACHINE

- PORTABLE — MOTOR DRIVEN!
- TIME SAVING — LIGHT WEIGHT — CONVENIENT!
- FINGER TIP CONTROL!
- 4 ERASERS — 4 COLLETS — 2 BRUSHES!

The new, exclusive, Lafayette battery operated erasing machine is the most modern eraser available. Sleek and streamlined as a rocket—erases fast as a jet. The entire unit has been designed for convenience—ease and speed in erasing. Battery operation does away with bulky A.C. motors—trailing line cards—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. Per-mag motor ensures quiet—smooth running—vibration free operation. Permanently lubricated, precision bearings assure long, trouble free life. Includes four eraser coils. 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. F-416 Net 1.49

F-424 Kit of two each, eraser and brushes. Net 2.24

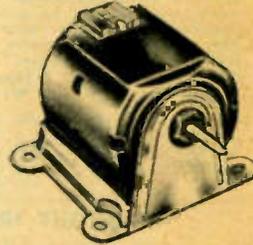


## SUPER MICRO-MOTORS

- HALF THE WEIGHT—TWICE THE POWER!
- HIGHER SPEED—LOWER DRAIN!
- PERMANENTLY LUBRICATED!
- DOUBLE PERMANENT FERRITE MAGNETS!

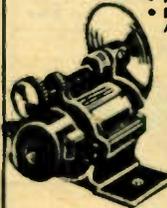
Expertly designed, miniature, D.C. permanent magnet motors. Ruggedized construction for industrial use. Highest power and speed to weight ratio of any miniature motor makes these a "natural" for models and remote control applications. Ferrite magnets preclude possibility of demagnetization and offer 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. Avg. Shpg. wt., 4 oz. Complete with leads.

Stock No.	Volt. Range	Drain Ma.	RPM	H.	W.	L.	Shaft Dia.	Wt.	NET EA.	LOTS OF 3 EA.
F-403	1.5-4.5	200-300	5000-6000	1"	1 1/4"	1 1/2"	3/32"	1 1/4 oz.	.69	.62
F-404	3-6	250-300	6000-7000	1 1/4"	1 3/4"	1 3/4"	3/32"	2 1/4 oz.	1.10	.98
F-405	1.2-16	90-140	8000-9000	1 1/4"	1 3/4"	1 3/4"	3/32"	2 1/4 oz.	1.39	1.25



## "MIGHTY MIDGET" MOTOR

- POWER AT YOUR FINGERTIPS!
- RECOMMENDED FOR INDUSTRIAL AND LABORATORY USE!



A midget motor precision built to engineering standards. Normal current consumption less than a flashlight bulb. Armature speed to 6000 RPM—counter shaft speed of 650 to 1000 RPM. Measures 1 1/2" x 1-11/16" x 1-3/16". Replaceable brushes—brass screw terminals. Operates on 3 to 6 volts D.C. Instantly reversible. Supplied complete with 7 to 1 reduction gears—pulley etc. Shpg. wt., 6 oz. F-253 Net 2.49

## DISTLER MINI-MOTOR

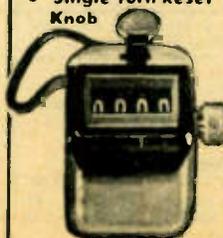
- EXTREMELY EFFICIENT
- VOLTAGE RANGE 1.5 to 6V.D.C.



Exceptionally versatile miniature D.C. motor. Operating voltage from 1.5 to 6 volts D.C. Extremely low current drain. Will operate on voltages far above and below rated requirements. Ball bearings afford maximum efficiency. Transparent plastic brush housing—removable brushes—tubular form. Overall size 2 1/4" L x 1" D. Shaft 3/32". Weight 2 1/4 oz. Recommended for industrial and laboratory development work. Used in remote control devices, models, displays, etc. F-258 Shpg. wt. 6 oz. Net 2.23

## HAND TALLY REGISTER

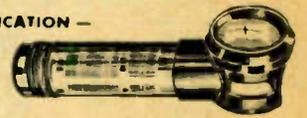
- 4 Digit Capacity
- Counts 0-9999
- Single Turn Reset Knob



Registers 0 to 9999. Highly polished chromium plated brass case. Attached fingering 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 1-5/16" x 1 1/4", permits concealed operation. Shpg. Wt. 1/2 lb. F-48 Net 2.75

## ILLUMINATED MAGNIFIER

- 5X MAGNIFICATION —
- 2" FIELD!
- ONLY 2.95



A fine, fixed-focus illuminated magnifier—magnifies work 5 times. Field of vision is 2" at 1 1/2" working distance. Unlimited usage in industry—shop—hobbies. For checking tools and dies—cuttings—forgings—welds—etc. Inspection of meter movements—fine soldering—electronic repairs. 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 3/4 lbs., length 8 1/2" overall. Shpg. wt., 1 1/2 lbs. F-193 Net 2.95

## 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

3-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

Lots of 3 ea. 1.35  
Singly, ea. 1.50

# POPULAR LOW COST SPECIALTIES

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 bedridden 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** Net 4.95

## LAFAYETTE'S "READ-EASE"

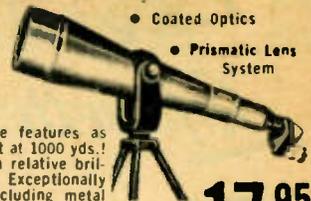


• READ WITH EASE WHILE RECLINING

## 30x, 60mm SPOTTING SCOPE

- Binocular Type Focus
- Complete With Leather Case

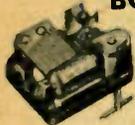
A prismatic telescope using the same fine features as expensive binoculars! Field of view is 85 feet at 1000 yds.! Both front and rear optics are coated. High relative brilliance due to great 60mm objective lens. Exceptionally small and light—weighs only 1½ lbs. Including metal tripod! The perfect companion for shooting—hunting—viewing—naturalists—and hobbyists. Comes equipped with 11½" tripod and mount and zippered leather carrying case for both scope and tripod. Shpg. wt., 2½ lbs. **F-149** Net 17.95



• Coated Optics  
• Prismatic Lens System

**17.95**

## MINIATURE MUSIC BOX MOVEMENTS

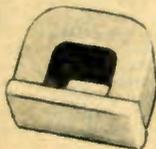


- PRECISION MOVING PARTS
- MORE THAN 3-MINUTES PLAYING TIME
- RUGGEDLY BUILT
- BULLBY TONE

These miniature music box movements have an infinite number of applications for the ingenious home builder. Can be mounted in cigarette boxes, perfume cases, etc. The unit is so delicately balanced that a slight touch on the flywheel is sufficient to start or stop the movement. Has full 18 note scale. Precision-built drum and moving parts are made to last a life-time. Components are mounted on a die-cast chassis. Complete with threaded mounting holes and winding key. Size: 1½" x 2½" x ¾". Shpg. wt., 6 oz.

MS-578	AULD LANG SYNE	Net 1.88
MS-579	HAPPY BIRTHDAY	Net 1.88
MS-580	HERE COMES THE BRIDE	Net 1.88
MS-581	BLUE DANUBE WALTZ	Net 1.88

## ALCOMAX MAGNETS



### POWER MAGNET

- 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 1½" H x 1½" W x 1½" D x 1½" W. Distance between poles is ¾". Shpg. wt., ½ lb. **F-55** Net 2.40

### 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" H x 1½" W x 5/16" D. ¼" between poles. Shpg. wt., 3 oz. With plated keeper. **F-54** Net .45

## LABORATORY SET

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 ½" diam., a horseshoe magnet 1½" high x 1.5/16" x ¾" deep with 5/16" spacing between poles, and a bridge magnet 7/16" high x 28/32" x 5/16" deep with ¼" space between poles. Shpg. wt., 1½ lbs. **F-58** Net 3.45

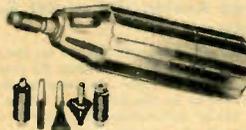
## ECCOBOND 26

- 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

## ELECTRIC MANICURE SET



- FAST—EFFICIENT—PROFESSIONAL RESULTS

Trims and shapes nails quickly and easily. Removes callouses—cuticle—dry skin fast and efficiently. Self contained, battery operated motor. The Electric Manicure Set has tiny emery wheels, silicon carbon wheels, chamois, cotton buffer, file brush—all slip easily into drive unit. Light weight—shaped to hold like a pencil—easier to use than ordinary manicure implements. Operates on one 1.5 volt flashlight battery. Complete with accessories. Shpg. wt., 8 ozs. **F-446** Net 1.69

Battery for above, #1 cell, Shpg. wt., 3 oz. **BA-156** Net .13

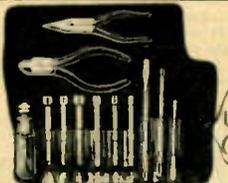
## NEW! FLASH-DRIVER KIT



New design for greater turning power—shadow free operation. Just the thing for those dark corners—emergency work, home, shop, or automobile. Light and screw driver in one—like having a third hand. 2 standard screwdriver blades and 2 Phillips type blades. Positive action chuck takes all 4 blades. Flash-handle uses 2 #1 cells. With plastic oil up pouch. Less batteries. Shpg. wt., 12 ozs. **HD-665** Net 1.19

Battery for Above #1 cell, Shpg. Wt. 3 oz. **BA-156** Net .13

## NEW! 13 Pc. COMBO-KIT



- DESIGNED FOR RADIO/T.V. SERVICE

All the most popular service tools in one handy, roll-up kit. Mon size 4½", chuck type amberoid handle with built-in neon tester. Six hardened tempered nut drivers, 7/16"—11/32"—¾"—5/10"—1/4"—3/16". Three screw driver blades—two standard and one Phillips type. 4½" diagonals with insulated handles and stripper notch. 5½" long nose pliers with insulated handles and stripper notch. Lightweight pencil-type 30 watt soldering iron. All in a tough, plastic, roll-up kit. Shpg. wt., 2 lbs. **HD-664** Net 5.39

## 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. **F-138** Net 7.75

## 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 2½" 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-321** Net 2.29

## 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** List 6.95 Net 4.70

## ROAST MEAT THERMOMETER .85



Take the guesswork out of roasting. Rugged sensing probe plus meter movement tells you the correct temperature for roasting meat. The meter scale is divided into six sections marked Beef Rare, Tender Ham, Beef Medium, Beef Well-done, Lamb-Fresh Pork, and Poultry. Non-breakable plastic window affords easy reading. Shpg. wt., 5 oz. **F-422** Net .85

## 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 5½ 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 10¾", width 2½". Shpg. wt., 8 ozs. **F-494** Net 1.59

## AIR CONDITIONER FILTER



- FOR ANY ROOM AIR CONDITIONER
- Made OF B.F. GOODRICH "TEXTILITE"
- PERMANENT—WASHABLE

Free flow design increases efficiency. Famous Goodrich "Textilite"—thousands of rubberized bustles—give optimum air flow and maximum filtration. Rigid—needs no frame. Retains shape under pressure—will not flake. Trims to fit any room air conditioner. Shpg. wt., ¾ lb. **ML-152 FREE FLOW FILTER** Net .99 ea.

Net ea. in lots of 3 .75

Furnace Filter: One size fits all furnaces. No frame required first cut to size. 20" x 25", full one inch thick. Reasonable—Just wash, rinse and use again. Mildew proof—retains no water. Famous Goodrich "Textilite" traps more dust, dirt, lint and soot than other filters. Shpg. wt., 1 lb. **ML-209** Net 1.89

DON'T FORGET LAFAYETTE'S MONEY BACK GUARANTEE

# LAFAYETTE'S ENGINEERING & DRAFTING SUPPLIES

*Lafayette's*

## IMPORTED SLIDE RULES

### NEW! DELUXE LOG LOG DUPLEX DECI-TRIG SLIDE RULE

- 25 Scales with 8 Log Log Scales
- 40" Log Log Dec. Fractions Scale
- Extended Range Avoids "Going Off Scale"
- Extra P Scale Simplifies Computations

This brand new 10" log log duplex trig slide rule is built for the most exacting demands and is a truly universal calculating instrument. Contains 25 scales in total. Has 8 Log Log Scales—40" Log Log Decimal fraction scale. The need for the troublesome end-for-end resetting of the slide is eliminated by the extensions of the C and D scales. Other scale arrangements also allow easier calculation of problems involving the value of trigonometric functions. The twin set of Log Log scales in four sections each runs from 1.001 to 100,000 and .999 to .00001, thereby enlarging the scale by one scale length each compared with ordinary log log slide rules. Extra features include the P scale which enables easy computations of vector problems involving two sides of a right triangle. Scales include LL01, LL02, LL03, DF, CF, CIF, CI, C, D, LL3, LL2, and LL1, LL00, L, K, A, B, S, ST, T, C, D, DI, P, and LLO. Complete with instruction book and saddle leather case. Overall length is 14". Shpg. wt., 1 1/2 lbs.

F-428 LIST 30.00

Net 15.95



F-428

LIST 30.00  
15.95

### 10" LOG LOG DUPLEX TRIG SLIDE RULE

10" Log Log Slide Rule: Constructed of specially selected, laminated, non-hygroscopic bamboo. All scales are machine engraved on a white plastic in permanently accurate calibrations. Adjusting screws permit varying the tension on the slide. 21 scales in all including the more frequently used C, D and CI scales on both sides of the rule. Evaluates trigonometric, algebraic and exponential problems. LLO and LL00 scales refer to 8 scale. All other scales coordinate and refer to D scale. Scales are L, LL1, DF, CF, CIF, CI, C, D, LL3, LL2, LLO, LL00, A, B, K, CI, C, D, S, ST and T. Scale characteristics permit multiplication, division, proportion, inverse proportion, reciprocals, cotangents, squares, square roots, cubes, cube roots, logarithms, tangents, sines, PI factor multiplication and division, powers and roots of numbers less than 1, powers and roots of numbers greater than 1, logarithms to base "e". The most often used slide rule in all basic fields science, engineering, production and economics. Shpg. wt., 1 1/2 lbs.

F-341 LIST 25.00

Net 10.45



F-341

LIST 25.00  
10.45

### 5" POCKET SLIDE RULE

5" Pocket Slide Rule: Convenient pocket sized slide rule of specially selected and treated bamboo. Will not warp, shrink or lengthen under varying atmospheric conditions. A, B, CI, C, D and K scales engraved on white plastic surface. Reverse side of slide has standard S, L and T scales. The upper edge of the rule is graduated in m/m to 13 cm. Other edge is divided into 5 inches by 32nds. Only 5-13/16" long over all. Carried easily in any pocket. Shpg. wt., 8 oz.

F-340 LIST 6.00

Net 2.89

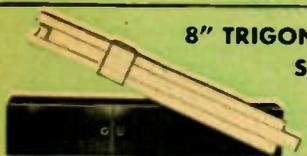


F-340

LIST 6.00  
2.89

### 8" TRIGONOMETRIC SLIDE RULE

1.95



8" Trig slide rule of laminated, selected bamboo. Face of white plastic with engraved, permanently accurate calibrations. Exceptional dimensional stability under all atmospheric conditions. Satin-finished facing provides a high readability, virtually glare-free face. Scales over A, B, CI, C, D, and K on face — S, L, and T on reverse of slide. Table of formulae and equivalents is printed on metal back. C scale also has convenient conversion marks for changing degrees to radians, and for calculations involving areas of circles. Shpg. wt., 8 oz.

F-381 8" Trig Slide Rule

Net 1.95



### 4" CIRCULAR SLIDE RULE

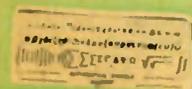
- NON-HYGROSCOPIC 1/8" PLASTIC
- ENDLESS SCALES
- 12 SCALES

Versatile, compact, circular slide rule, as easy to read as a 10 inch straight rule. Special 1/8" thick plastic will not shrink or expand under varying climatic conditions. 12 separate scales solve problems in multiplication, division, proportion, squares, cubes, roots, sines, cosines, tangents. Also has calibrated marks for converting degrees to radians and for calculations involving areas of circles. Smooth, positive action on all scales and cursor. Complete with leatherette case. Shpg. wt., 4 oz.

F-382 Circular Slide Rule

Net 2.45

### 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. Precision milled for smoothness of cut, uses .030 mathematical quality plastic. Size 6 1/2" x 2 1/2". Shpg. wt., 4 oz.

F-378 Math Symbols Template

Net 2.10



### GENIAC CYLINDRICAL SLIDE RULE

The GENIAC cylindrical slide rule uses a new concept in slide rule design to achieve the graduations and accuracy of a 66 inch slide rule. This rule may be used to give answers with up to 5 digit accuracy, and quickly solve problems involving multiplication, division, roots, powers, logarithms, proportions, and percentages. Cylindrical construction features all-metal construction with plastic coated spiral scales. 1 1/2" diameter and 10" long, the rule collapses to 6", small enough to be easily carried in a pocket. Almost indestructible, cannot warp. Shpg. wt., 1 lb.

F-387 GENIAC Cylindrical Slide Rule

Net 15.95



### TECHNICAL DRAFTING SET

- Center Wheel Adjustment
- Professional Quality
- German Craftsmanship
- A \$15.00 Value

5.95

A fine set of imported nickel plated brass instruments priced far below the usual price for this quality. Contains 1/16" self-centering compass, one leg bow divider with divider, pencil, pen parts and lengthening bar; 6/16" self-centering divider; spring bow divider 4/16", center wheel adjustment with interchangeable needle points; spring bow pencil and spring bow pen, both 4/16" with center wheel adjustment and interchangeable needle point; two 5/16" ruling pens; extra handle for pen and pencil parts; adjustment tool; lead case and leads; and spare parts kit, all in velvet lined snap closing case. Shpg. Wt. 1 1/2 lbs.

F-65

Net 5.95

### UTILITY DRAFTING SET

2.59

- EXCEPTIONAL VALUE

Made in Germany of hard rolled, nickel plated brass. All instruments are nested in a fitted, velvet lined case. Contains three side wheel 3 3/4" bow instruments — one a divider, one a pencil and one a pen.



All have reversible needle point. 5/16" compass with pen and pencil parts—and lengthening bar. 5/16" 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.

F-13

Net 2.59

### 8" PROPORTIONAL DIVIDER

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 farm-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 FROM GERMANY



F-167

Net 3.95

### Professional GIANT BOW



- 8" Size with Center Wheel Adjustment
- Finely Balanced—Professional Type

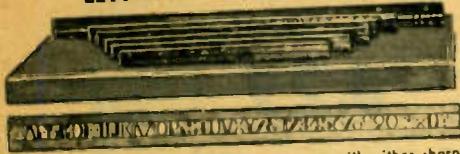
Professional quality utility set in a fitted, velvet lined case. Made in Western Germany of nickel plated, hard-rolled brass. 6" giant bow has preferred center wheel adjustment. Makes circles from 1/8" to over 10" in diameter. Set includes 6" giant bow, interchangeable pen and pencil parts, extra needle for using bow as divider, handle for use with pen and pencil parts, lead, lead box and repair parts. Shpg. wt. 1 lb.

F-44

Net 2.95

# LAFAYETTE can save you up to 50% 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 1/8", 3/16", 1/4", 5/16", 3/8", and 1/2". Shpg. wt. 1/2 lb.

F-78—Complete Set Net 5.98  
**INDIVIDUAL GUIDES (Shpg. wt., 4 oz.)**

No.	Size	Each	No.	Size	Each
F-79	1/8"	69c	F-82	3/8"	1.19
F-80	3/16"	85c	F-83	1/2"	1.35
F-81	1/4"	98c	F-84	5/8"	1.65

## LETTERING PEN

Reservoir type drawing pen. Designed for use with lettering guides from 1/8" to 1/2" and general applications. Shpg. wt. 3 oz. Net 1.15

F-95..... Net 1.15

## ARCHITECTS AND ENGINEERS SCALEMASTERS

Here is the triangular scale achieved in a flat scale. Eliminates searching, squinting, twisting, turning to find needed scale. Beater exposed to full view, slotted openings for convenience. Heavy laminated transparent plastic. Architects scale has 14 full view scales from 3/16" = 1 ft. to 3" = 1 ft. — including half scale and 16ths — 32nd — and min to inches. Size 12 1/2" x 3 1/2". Saves time, prevents errors. Engineered for dependable performance. Shpg. wt. 4 oz.

F-152 — Architects Scale..... Net .67

Engineers Scale: Similar to above. Has 9 full divided scales, and meters. Shpg. wt. 4 oz.

F-153 — Engineers Scale..... Net .67

## 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 1/2" x 12 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. Net 98c Any Type 25c

F-67 — Dotter Refill Shpg. Wt., 2 oz.  
 F-68A — Dotter and Dash Refill Shpg. wt., 2 oz.  
 F-68B — Dot and Dash Refill Shpg. wt., 2 oz.  
 F-68C — 2 Dots and Dash Refill Shpg. wt., 2 oz.

## STYRENE TRIANGLES

Crystal clear transparent triangles with finger lifts. Double bevel in cutout allows easy pickup. Sturdy .100 thick. Average Shpg. Wt. 1/4 lb.

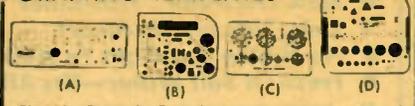
SIZE Inches	30/60°		45/90°	
	No.	Each	No.	Each
6	F-71	23c	F-74	30c
8	F-72	30c	F-75	40c
12	F-73	60c	F-76	82c

## 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. 1/4 lb. Two sizes available. Net 35c

F-69—5—45/90 Degree Net 35c  
 F-70—8—30/60 Degree

## DRAFTING TEMPLATES



Electric Controls Template (A) Conforms to J.I.C. standards. For drawing and drafting of electrically controlled machinery. 9" x 3 3/8".

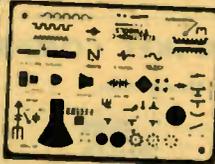
F-155 — Shpg. wt., 4 oz. Net 1.75  
 Electric Drafting Template (B) Conforms to MIL Stds. 15 specs. Extremely useful for drawing and drafting of electrical and electronic diagrams. 6 3/16" x 5".

F-156 — Shpg. wt., 4 oz. Net 1.80  
 Rotary Switch Template (C) For drafting of rotary wafers with an schematic layout. Unlimited number of combinations. 6 3/8" x 3 7/8".

F-326 — Shpg. wt., 4 oz. Net 1.75  
 Wiring Template (D) Conforms to MIL Stds 15 specs. Arranged for ease in drawing. 6 1/8" x 7".

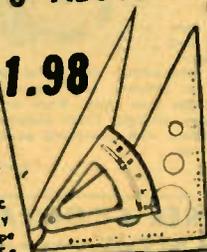
F-154 — Shpg. wt., 4 oz. Net 1.75

## 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 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 7" x 5" Thickness .030. Shp. wt. 4 oz. F-151 Net 2.10

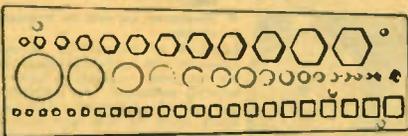
## 8" ADJUSTABLE TRIANGLE



Highest 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 1/8", 1/4", 1/2" and 3/4" diam. Tapered holes 1/8" 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. Net 1.98

F-77..... Net 1.98

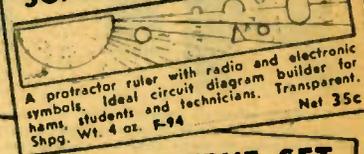
## DRAWING AID



Hexes • Circles • Squares  
 Sturdy transparent template 3 1/4" x 11". Contains most useful hexagons from 1/8" to 1", circles from 1/16" to 1" and squares from 3/32" to 9/16". One edge beveled with 4" 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. Net 98c

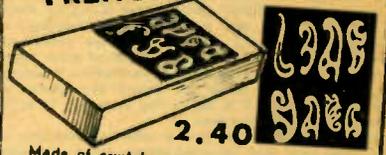
F-66..... Net 98c

## RADIO ELECTRONIC SCALE 1 1/2" x 8" .35



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 35c

## FRENCH CURVE SET



Made of crystal clear plastic. .090 thick. Set consists of eight French curves. Excellent for general applications. Shpg. Wt. 1/2 lb. Net 2.40

F-85..... Net 2.40

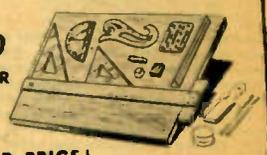
## SLIDE RULE



Precision made instrument of fine laminated construction. This rule has decimal equivalents, equivalent settings and a rule with both inch and metric scales. There are A, B, C, G1 and D scales on the back, side and log. size and tangent on the back. Complete with instructions. Shpg. Wt. 4 oz. Net 49c

F-96..... Net 49c

## SUPER DRAWING KIT



\$9.00  
 REGULAR 18.50

## COMPARE OUR PRICE!

Lafayette has designed this set with the professional draftsman and advanced student in mind. Contains all the necessary equipment for drafting mechanical drawing—designing—engineering. Sturdy accurate components. Includes 20" x 24 1/2" drawing board 24" T square, 10" 30°/60° triangle, 8" 45° triangle, french curve, 12" triangular ruler, 6" 180° protractor, 4 pencils pencil pointer, erasing shield, thumb tacks, and art gum eraser. If purchased separately these components would cost many times our low price. An unbeatable value! Shpg. wt., 10 lb. Net 9.00

F-180..... Net 9.00

## SPECIAL COMBINATION OFFER

Consists of F-65 Technical Drafting Set and F-180 Super Drawing outfit. Net 13.75

F-181 Shpg. wt., 12 lbs. Net 13.75

## PLASTIC T SQUARE

## WITH ADJUSTABLE PROTRACTOR HEAD

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. 1/2 lb. Net 1.98

F-99—18" long..... Net 1.98  
 F-100—24" long..... Net 2.35

## PLASTIC FOLDING PARALLEL RULES 1.98

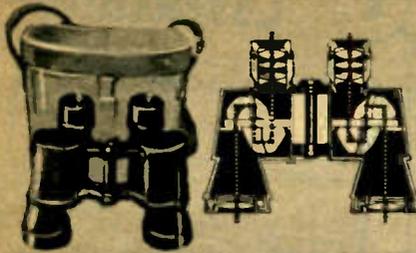
These rules meet government specifications. Made of black vinyl with corrosion resistant metal parts. Equipped with friction pads to prevent slipping. Shpg. Wt. 1/2 lb. Net 1.98

F-92—12" long..... Net 1.98  
 F-93—18" long..... Net 2.65

TO SPEED YOUR SHIPMENT USE OUR HANDY ORDER BLANK

# Selected Feature Values

## IMPORTED BINOCULARS



Each of these extremely precise optical instruments has a coated lens — clamped in (not just glued) prisms — lightweight alloy all-metal body — weatherproof, tear-proof outer covering. Made to our own rigid specifications. Lafayette's famous money-back guarantee applies as always! Focus: Either central focus (C.F.) by means of a single wheel and one adjustable eyepiece, or individual focus (I.F.) wherein both eye pieces are separately adjustable. Power: Is number of times image is magnified. For example, 7X(7 power) means the object will appear 7 times larger (or closer). Second number used (i.e. "50" in 7 X 50) is the diameter, in millimeters, of the objective lens.

Coated Lenses — tend to reduce reflection and pass up to 50 more light than uncoated lenses. \*W.A. = Wide-Angle, 10.1° at 1000 yards. †L.W. = Extra light weight.

STOCK NO.	TYPE	SHPG. WT.,	NET EACH
F-183	7 X 35 C.F.	3 lbs.	19.95
F-184*	7 X 35 C.F.W.A.	3 1/2 lbs.	29.50
F-164	7 X 50 C.F.	3 1/2 lbs.	22.50
F-185	20 X 50 C.F.	4 1/2 lbs.	28.95

Add 10% Fed. Tax to Above.

## MARINE COMPASS

- Jeweled Movement
- Brass Gimbal
- 2° Graduations

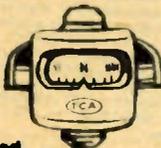
**3.29**

Imported compass for sail or motor boats. Entirely non-magnetic and corrosion resistant. Finely made of brass — and lacquered oak. Direct-reading 360° dial. Calibrated every 2°. All cardinal points are oversized. Sharp, black markings on white background. Compass is easily removed from gimbal for safekeeping. May be mounted as a permanent binnacle or used as a portable unit. Overall dimensions are: 4 1/2" x 4 1/2" x 3 1/2". Compass is 74mm. Shpg. wt., 1 1/2 lbs. Net 3.29

F-384

## AUTO-BOAT COMPASS

- Cars-Boats-Trucks-Tractors
- Illuminated and Non-Illuminated



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. Extremely accurate. Constructed to withstand all driving shocks. Important to the daily driver. Invaluable for boats and tractors. 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

## Camper's Hand Axe

Top quality, drop forged steel, one piece scout axe. Perfectly balanced. Re-curved, shock absorbing handle. Air-cushioned rubber grip. Fully polished head and shaft. 24 oz. weight, 13 1/2" overall. With nail-puller. Fine steel can be sharpened to a "shaving" edge. Shpg. Wt., 2 lbs. Net 1.95

## AMAZING! Electro-Strikeometer®

- New Electronic "Fish-Killer"!
- Ends "Misses" Forever!
- No Nibble Too Light To Notice!
- Fresh Or Salt Water—Fits All Rods

The Angler's dream materialized! This new electronic fishing aid turns every "nibble" into a "catch." Many good "bites" have been missed due to reliance on mere sixth sense. The "ELECTRO-STRIKEOMETER"®, product of extensive research, gives even a rank novice the "feel" of the expert fisherman. The meter will indicate even the finest nibble by the most wary "bait-stealers." The "ELECTRO-STRIKEOMETER"® accurately indicates and advises you when they're nibbling, when they've bitten, and when to "set" your hook! The entire unit weighs only 3 oz. and can be readily fixed to any fresh or salt water rod. Can even be used with a "drop line"! Does not interfere with your line while casting or retrieving. Adjustable for varying degrees of sensitivity. Powered by an easily replaced, tiny 1.5V dry cell. Housed in a streamlined, grey plastic body. Wide view, easy to read, meter face. Can be used under any weather conditions. Supplied with a 1.5V battery, skin-tight slip-on cover for salt water use; rod mount and instructions. Overall size 5 1/2" x 1 1/2" x 1 1/2". Shpg. wt., 4 1/2 oz. Net 6.29

Replacement battery for above. Net .08  
BA-153 "N" cell. Net .08

Reg. 12.50

**6.29**

(Pat. Applied For)



## LENSATIC POCKET COMPASS

For "Cross Country Navigation."

For campers—hikers—hunters—tourists. Some type as those used exclusively by the armed forces to determine one's position in unknown country. 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. Lens allows viewing of compass heading while sighting for azimuth. Luminous reference lines on 2" diameter glass face plate. Black anodized aluminum case with brass fittings. Folds compactly to pocket watch size. Complete with drawing pouch and instructions. Shpg. wt., 6 oz. Net 2.25

F-493



NEW!

## MINIATURE IMPROVED HOIST

SMALL ENOUGH TO FIT YOUR POCKET!  
PRE LUBRICATED FOR LIFE!  
LIFT 1000 TO 2000 POUNDS!

The only truly miniature hoist available. Indispensable in industrial plants and workshops. Perfect for hunters-boaters-airplane owners-motorists. Great strength and tiny size permits hundreds of uses — can be a real life saver in an emergency. Made of high grade aluminum with steel axles. Pre-lubricated for life. Two lifting slings — one on top and one at bottom — with heavy, welded steel rings. Nylon cable supplied tests at 550 lbs. per strand. "Midget" hoist comes with 70 ft. of Nylon cable, has a 5 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. Does all your lifting safely and easily.

HD-330—"Midget" shpg. wt. 1 1/2 lbs. Net 8.33

HD-331—"Tiny" shpg. wt. 2 lbs. Net 10.83

## MAP MEASURER & COMPASS

- Not a gadget—but a real instrument.
- Measures distances on any size map.
- Measures curved or irregular shapes.

Exclusive of Lafayette! A map measurer with built-in compass! For the motorist—camper—hunter—boating enthusiast. An indispensable unit of equipment. 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. Net 1.59

F-47 LIST 2.75



## BURGESS BOAT-LITE KIT

New Burgess Boat-Lite kitful of features never before offered to small boat owners. Contains everything they need to meet U. S. Coast Guard requirements for lights on small boats. New combination bow light with optically perfect Red-Green Fresnel lens. Projects light over one mile. Correctly shielded. Made of special corrosion-resistant aluminum alloy. New stern light-flag staff has unique plug-in feature. Quick-pasy removal for safe keeping. No nuts, screws or clamps—just plugs in. Corrosion-resistant aluminum alloy with lamp visible for 2 miles. Kit includes heavy-duty, 6 volt, sealed-in-steel battery, all necessary hardware, mounting brackets, wire, weather-proof switch and instructions. Shpg. wt., 7 lbs. Net 8.20

- Easy To Install—No Extras To Buy
- Meets U. S. C. G. Requirements
- For All Class "A" And Class "1" Boats
- Running Light And Stern Light

ML-177 List 17.95

## FOLDING CAMPERS SAW

Mandy, compact folding saw. 4 1/2-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. Special shape and "set" of teeth makes sawing branches a real "snap." Overall size only 10 1/2" x 2" x 1/2". Shpg. wt., 8 oz. Net .98



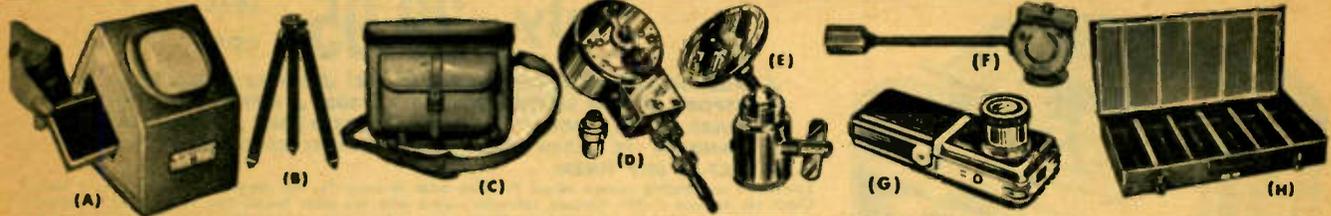
159



# Lafayette CAMERA DIVISION

## WE INVITE COMPARISON! WE DEFY COMPETITION!!!

ALL MERCHANDISE SOLD ON A MONEY  
BACK GUARANTEE—YOU BE THE JUDGE.



<p><b>ELECTRIC SLIDE VIEWER (A)</b>          • For all size slides—from 35mm to 2 1/4 x 2 1/4.          Makes slide viewing a pleasure! Versatile built in adaptor centers all slides for correct magnification. Transparencies are brilliantly 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—finished in platinum gray enamel. Shpg. wt. 2 lbs.  <b>F-26</b> ..... Net 3.75</p>	<p><b>LOW COST TRIPOD (B)</b>          • Regular \$4.95 Value          • Lightweight - Low Cost - Sturdy!          Five section sturdy brass tripod. Extends to 45" — telescopes down to 12 1/2". Weighs a scant 16 oz. Chrome trimmed — head has tension adjust screws for each leg. Fits all tripod sockets. Positive lock-in action. A "must" to take the "jiggle" out of those special shots. Shpg. wt. 2 lbs.  <b>F-214</b> ..... 3.69</p>	<p><b>LEATHER GADGET BAG (C)</b>          Genuine pigskin—not plastic. Full 10" x 8" x 4". Holds your camera and all accessories. 20" zipper top. Zipper pouch in lid holds filters, etc. Outside pouch with strap and buckle. All brass hardware. Loops and straps on bottom to hold tripod. Includes shoulder strap and pad. Shpg. wt., 1 lb.  <b>F-320 List 8.95</b> ..... Net 4.95</p>	<p><b>15 SECOND SELF-TIMER (D)</b>          Fits directly in the cable release of all cameras and also has special adapter for Leica-type release sockets. Plunger length adjustable to protect shutter mechanism. Automatically retracts after picture has been taken—permitting film advance and shutter operation without removal. May be set for 15 seconds or less.          Av. Shpg. Wt., 4 ozs.  <b>F-25</b> ..... Net 1.98</p>
<p><b>TILT-TOP (E)</b>          Precision made—all brass—heavily chrome plated. All-angle "Tilt-Top" fits German and American Tripods and Cameras. Positive locking action at every possible angle. Inexpensive — indispensable accessory. Shpg. wt., 5 ozs.  <b>F-160</b> ..... Net 1.39</p>	<p><b>PANHEAD (F)</b>          • Pan Tilt With A Single Motion!          Sturdy brass construction — high polished chrome finish. Camera retaining screw rotates — makes turning camera unnecessary. Weighs only 4 oz. Handle is detachable for compactness. Twist of handle locks both pan and tilt. Pans 260° tilts approx. 145°. Shpg. wt., 8 oz.  <b>F-215</b> ..... Net 1.66</p>	<p><b>COLLAPSIBLE ILLUMINATED MAGNIFIER (G)</b>          Collapsible lens pulls out, automatically lighting flashlight. Magnifies work 5 times. Ideal for examination of coins, stamps, etc. Size 4 1/4" x 1 1/4". Shpg. wt., 6 oz.  <b>F-426</b> ..... ea. .98          Lot of 3 ..... ea. .85          Burgess Z battery (2 required for above) BA-155 ..... ea. .08</p>	<p><b>35mm SLIDE FILE (H)</b>          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. Metal handle and 2 snap catches. Finished in platinum gray enamel. Shpg. wt., 3 lbs.  <b>F-161</b> ..... Net 1.69</p>

### "35" CLIP-ON EXPOSURE METER

- Fits camera accessory shoe • ASA scale 6 to 3200
- 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 30 sec. Lens aperture f/1 to f/22. Light value scale (LVS) from 1 to 18. Cine settings from 8 to 64 frames per sec. Measures reflected and incident light. Mounts on camera or may be hand held. Complete with leather case and instructions. Shpg. wt., 1/2 lb.  
**F-351—Reg. 9.00** ..... Net 5.95



### PAN-HEAD TRIPOD

- LIGHTWEIGHT — STURDY — LOW COST

Five section, chrome plated, brass tripod. Extends to 45" telescopes down to 12 1/2". 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. Shpg. wt., 2 1/2 lbs.  
**F-295** ..... Net 4.49

### PORTABLE 35MM TABLE VIEWER & PROJECTOR

- HOLDS 36 SLIDES • FAST SLIDE CHANGE LEVER

Here is a lightweight and compact 35 MM viewer that compares with models selling for more than twice the price! Precision made... simple, fool-proof construction. Use it as a table viewer with the self-contained 3 1/2" square ground glass screen, or project your slides on a light-colored wall or projection screen and enjoy a 10 sq. ft. picture with the same sharp focus. Magazine holds 36 slides that change with the flick of a lever. Compact steel case with carrying handle measures only 10" x 7" x 3 1/2" deep. Supplied complete with standard 100-watt projection bulb, F3.5 lens, projection mirror, view screen, on-off switch, line cord and instructions. For 105-115 V. AC operation.  
**F-276 — Shpg. wt., 5 lbs.** ..... Net 19.95



49.50  
VALUE  
ONLY  
19.95

### AMPLEX PHOTOFLASH FLASH BULBS

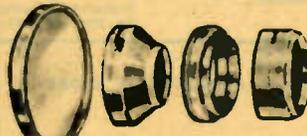


- NEW PF-1 — THE ULTIMATE IN LOW COST FLASH BULBS
  - "MY-T-MYTE" AND "SYNCHRO SURE" PHOTOFLASH BULBS
  - LOWEST PRICES—HIGHEST QUALITY GUARANTEED FOR PERFORMANCE
- Av. Shpg. Wt. 4 ozs.

STOCK NO.	Lamp Type	Class	Pkg. Quan.	Per Pkg.	Each Pkg., In Lots of 3	Each Pkg., In Lots of 6	Comparable Lamp Type
F-471	M2	—	12	.99	.90	.81	
F-472	M2B	—	12	1.17	1.05	.95	
F-473	PF 1	M	8	.49	.46	.44	Press 25
F-474	SM	F	10	1.19	1.13	1.05	SF
F-475	S	M	8	.84	.78	.74	Press 25
F-476	SB	M	8	1.01	.96	.91	25 B
F-477	6	FP	10	1.19	1.13	1.05	FP-26
F-478	Adapter For PF-1						.15

### FAMOUS MAKE LENS ACCESSORIES

#### FILTERS



"A" for using indoor color film outdoors.  
 "F" for using new type "F" Ektachrome indoor film outdoors. "Skylight" (haze), use with color film to reduce haze. "K2" for contrast—cloud effect. "80C" for day-light color film indoors with clear flash. "B" for rain high speed Ektachrome and Super Ansachrome outdoors. Wt., 2 oz.  
**F234 "A" Series 5** ..... Net 1.80  
**F235 "F" Series 6** ..... Net 2.25  
**F-463 "A" Series 7** ..... Net 3.67  
**F237 "F" Series 5** ..... Net 1.80  
**F238 "F" Series 6** ..... Net 2.25  
**F-464 "F" Series 7** ..... Net 3.67  
**F240 "Skylight" (Haze) Series 5** ..... Net 1.80  
**F241 "Skylight" (Haze) Series 6** ..... Net 2.25  
**F-465 "Skylight" (Haze) Series 7** ..... Net 3.67

#### PATENTED ADAPTER RINGS

Permits use of any lens accessory in some series. Fits all standard cameras. RANGE B — for lens mounts from 23 to 30.5 mm — Series 5 accessories. Shpg. wt., 3 oz.  
**F-225** ..... Net 1.22  
 Range C — for lens mounts from 31 to 36 mm — Series 5 accessories.  
**F-226** ..... Net 1.22  
 Range D — for lens mounts from 36 to 42 mm — Series 6 accessories.  
**F-227** ..... Net 1.67

#### CLOSE-UP LENS

No. +1 for 18" to 38" away, +2 for subjects 12" to 19" away. +3 for subjects 9" to 13" away. Shpg. wt., 3 oz.  
**F-229** — +1 for Series 5 ..... Net 2.15  
**F-230** — +1 for Series 6 ..... Net 2.53  
**F-231** — +2 for Series 5 ..... Net 2.15  
**F-232** — +2 for Series 6 ..... Net 2.53  
**F-461** — +3 for Series 5 ..... Net 2.15  
**F-462** — +3 for Series 6 ..... Net 2.53

#### LENS HOODS

Acts as sunshade—reduce glare—Wt., 3 oz.  
**F-246 Series 5** ..... Net 1.71  
**F-247 Series 5-A for Min Cameras** ..... Net 1.71  
**F-248 Series 6** ..... Net 1.98

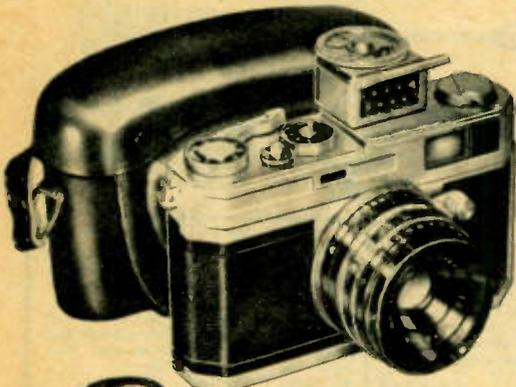
#### POLARI-VUE SCREEN

• Brighter, more vivid, Color Shots  
 Most effective polarizing screen and view combination. You see the exact polarizations needed for your pictures. Controls reflections from surfaces such as glass, water, wood, etc. Yields spectacular sky effects. Use for fade-in — fade-out — top dissolves. Threaded front and back for use with additional accessories. Supplied with pouch and complete instructions.  
 Av. Shpg. Wt. 4 ozs.  
**F-312 Series 5** ..... Net 7.27  
**F-313 Series 6** ..... Net 8.06  
**F-467 Series 7** ..... Net 10.30

# LAFAYETTE CAMERA DIVISION presents the 'RANGEFINDER II' SYSTEM versatility at low cost

• 5 ELEMENT F2.8 COATED LENS! • COUPLED RANGEFINDER

only **29.95** less case



- ✓ BRILLIANT COMBINED VIEW-RANGE FINDER! ✓ SINGLE STROKE RAPID FILM TRANSPORT! ✓ NINE SHUTTER SPEEDS TO 1/300! ✓ MXF SYN-ALL SPEEDS — ALL BULBS — PLUS STROBE!
- ✓ F2.8 45mm COATED LENS! ✓ HI-SPEED REWIND! ✓ STANDARD PC FLASH TERMINAL! ✓ DOUBLE EXPOSURE PREVENTION!
- ✓ BUILT-IN SELF TIMER!

Lafayette's outstanding camera value! Precision-made to order for the camera for who is a wise buyer. 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 F, 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 on top-film type indicator. All metal body with brushed chrome trim-black leatherette covering. 20 or 36 exposures on black and white or color 35mm film. PG flash terminal. Shpg. wt., 3 lbs. Use series 6 accessories.

F-485 Less Case and Exposure Meter	Net 29.95
F-486 Leather Eveready Case. Shpg. wt., 1/2 lb.	Net 3.95
F-351 Clip-on Exposure Meter Shpg. wt., 8 ozs.	Net 5.95
Special Combination Offers: Includes camera above—Eveready case—folding BC flash gun—and clip-on exposure meter. Shpg. wt., 4 lbs.	Net 39.95
F-487	5.00 Down

Exposure meter illustrated not included.



**25.95**

INCLUDING POWER PACK AND BATTERY

## New "SPEEDLITE" Electronic Photoflash operates on 110V AC or Midget Battery Pack

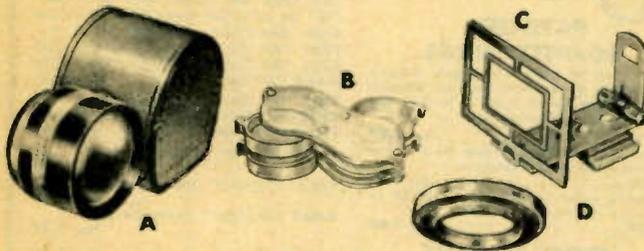
- FEATHERWEIGHT • SUPER POWERED • 4 SECOND RECYCLE • 50 WATT SEC. OUTPUT • COLOR BALANCED LIGHT • BUILT IN DIFFUSER

Designed by one of the foremost electronic flash engineers. More power—more practical features than any other unit in its price class. Thousands of flashes from one lifetime tube—pays for itself in savings on flash-bulbs—less than 1/2 cent per flash. Featherweight flash head weighs only 1 1/2 ozs. Entire unit—including battery—only 2 lbs. 4 ozs. Battery pack measures 3 1/2" x 3" x 1 1/4"—fits gadget bag or pocket. Coiled cord extends 5 ft. for off-camera or bounce flash. 15 ft. AC cord gives practically unlimited movement when operating on AC. Universal bracket fits any camera with a tripod socket. Gun also mounts on side of portable pack. Light is color balanced (6500° Kelvin) for color pictures without filters. Kodachrome guide 25—Tri-X guide 120. Recycles in 3 to 4 seconds. Speed 1/700 sec. flash duration. Gives soft, even, wide angle illumination. "Ready" light on head indicates flash is ready to fire. "Easy-off" clamp permits rapid off camera use. Socket on head for extension or multiple flash use. For any camera having X (zero delay) synchronization. Complete with battery, portable pack, 5 ft. coiled cord, shutter cord, 15 ft. A.C. cord, mounting bracket, clamp and instruction book. Shpg. wt., 4 lbs.

F-370 Replacement Battery for above. Shpg. wt., 1 lb.	Net 25.95
BA-306 List 7.95	Net 5.56

## NEW 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. Prefocused and color corrected. No increase in exposure setting is necessary. Wide angle and telephoto lenses screw into bring your subject twice as close with telephoto — add 75% more area with the wide-angle. Indispensable for panoramic shots. Close up lens kit consists of +1, +2, and +3 Proxar lenses—allows focusing down to 6 1/2" for amazing close-up results. All auxiliary lenses are supplied in cowhide cases. Use with any color or black and white film. The close up lenses require an adapter ring for mounting on your camera. Shpg. wt. of each auxiliary lens approx. 6 ozs.

F-488-AUX. TELEPHOTO LENS (A)	Net 9.90
F-489-AUX. WIDE ANGLE LENS (A)	Net 9.90
F-294-CLOSE UP SET (B)	Net 8.91
F-408-VIEW FINDER FOR TELEPHOTO AND W-A LENS (C)	Net 1.69
F-490 Adapter ring for close up set, filters and auxiliary lenses. (D) Shpg. wt., 6 ozs.	Net 1.95
PACKAGE DEAL: One each of the auxiliary lenses, close up set, adapter, and view finder. Shpg. wt., 1 1/2 lbs.	Net 29.95
F-491	

## NEW-BOOSTER EXPOSURE METER

**6.95**  
WITH BOOSTER

- ASA Scale—LVS Scale
- Stills or Movies
- Includes booster—Leather cases—neck cord

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-lightweight. Includes booster cell, leather case, neck cord and instructions. Shpg. wt., 1 lb.

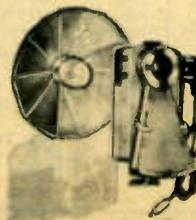
F-349 List 11.95



## FOLDING BC FLASH GUN

- FOLDS LIKE A FAN TO 4" x 2"
- EFFICIENT B-C OPERATION!

Brand new — unique — pocket size — completely folding flash unit at Lafayette's famous low-cost! Efficient 4 1/2" diameter metal reflector has gabbled flash to eliminate hot spots. B-C combination for surfer and hi voltage. Heavy molded battery case with built in test lamp — bulb ejector — extension socket. Standard shoe with pressure adjust for accessory clips. Uses standard bayonet base flash bulbs. Novel, useful exposure guide built in on rear of case. Complete with cord for PC fitting and condenser. Shpg. wt. 1 lb.



F-209 Complete with case	Net 3.99
BA117 Battery for above	Net 1.05

# SENSATIONAL Lafayette 8mm Turret Movie Camera

## MORE CAMERA for the Money than any Other



- ✓ CHECK the features!
- ✓ Then CHECK the PRICE!

# 29.95

Comparable  
Value 59.50

- 3 Fast f 1.8 Lenses. ● 4 Speeds—including Slow Motion. ● Single Frame Exposure. ● "Combo-View" finder—for normal, wide angle and telephoto areas. ● "Drop in" Spool Loading. ● Built-in Exposure Guide. ● Die Cast Aluminum Body. ● Slide Rule Footage Indicator.

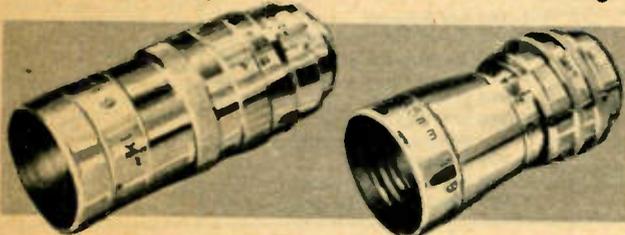
Truly modern—truly versatile—and truly inexpensive! Lafayette's "8-T3" puts movie-making in the snap-shot class. Fast f 1.8 lenses—normal wide angle and telephoto for fine color movies even in dim light. Fixed focus on all three—never needs "fumble-focusing." Single dial exposure setting—for all three lenses. Positive lock turret switch from normal to telephoto to wide angle—in an instant. Even beginners get perfect movies every time. The lensatic optical viewfinder frames

the area for each separate lens. "Drop-In" spool loading—easy and economical—makes reverse loading an impossibility. All lenses recessed in their own sun-shades. Four operating speeds plus single frame exposure for trick effects. Heavy duty—governor controlled—spring wind motor. The "8-T3" offers more for less money—than any other 8mm movie camera. Shpg. wt., 3 lbs. F-470 Camera only ..... 5.00 Down ..... Net 29.95 F-469 Leather Case for "8-T3" 8 oz.....Net 2.95

## PRECISION 8mm MOVIE LENSES

### FASTEST! FINEST! LOWEST PRICES!

- 1 1/2" f1.4 Telephoto ● 6.5mm f1.4 Wide Angle
- 1 1/2" f1.9 Telephoto ● 6.5mm f1.9 Wide Angle



Lafayette—and only Lafayette—has these lenses at prices never before possible! Now you can add that distant scene—those exciting close ups. Add unlimited versatility to your movie camera. The finest coated optics are used throughout—fully color corrected. Fit all 8mm cameras with standard D mount such as Kodak, Keystone, Revere, DeJur, Bolex H8, etc. Satin chrome finish. Removable lens hoods. Accept standard filters. Individual lenses complete with leather cases. Sets are packed in jewel type presentation in case. Complete with lens caps.

**1 1/2" f1.4 Telephoto:** Fastest available lens for 8mm. Exceptional speed—extreme sharpness. Focuses 3 1/2 ft. to infinity. Click stops f1.4 to f16. 3x magnification. 5 element lens. Focusing mount. Shpg. wt., 1 lb.  
F-299—List 44.95 ..... 5.00 Down ..... Net 16.59

**6.5mm f1.4 Wide Angle:** Extreme wide angle. Covers 4x area of normal lens. Extremely fast—for poorest light conditions. Click stops f1.4 to f16.8 element retrofocus formula. Focusing mount. Shpg. wt., 1 lb.  
F-300—List 49.95 ..... 5.00 Down ..... Net 22.95

**1 1/2" f1.9 Telephoto:** Fast, sharp, fully coated. Click stops f1.9 to f16. Focuses 3.5 ft. to infinity. 3x magnification. 5 element systems. Focusing mount. Shpg. wt., 1 lb.  
F-302—List 38.95 ..... 5.00 Down ..... Net 12.95

**6.5mm f1.9 Wide Angle:** Covers 4x area of normal lens. 8 element retrofocus formula. Fixed focus for universal focusing. Click stops f1.9 to f16. Shpg. wt., 1 lb.  
F-303 List 39.95 ..... 5.00 Down ..... Net 14.95

**F1.4 Matched Sets:** The finest available. Both f1.4 Telephoto and f1.4 Wide Angle in a deluxe, jewel type, presentation case. Shpg. wt., 2 lbs.  
F-304—List 89.95 ..... 5.00 Down ..... Net 35.59

**F1.9 Matched Set:** The "Best Buy" possible for the movie camera fan! Both f1.9 Telephoto and f1.9 Wide Angle in deluxe, jewel type presentation case. Shpg. wt., 2 lbs.  
F-305—List 75.00 ..... 5.00 Down ..... Net 24.95

## ELEVATOR TRIPOD

- Folds to 16" including Panhead!
- Extends to 47" PLUS 7" Elevator!
- Tri-Tilt head — Moves in 3 planes!

For any small camera — 35mm — 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. Weights only 31 ozs. All the most wanted features in one tripod. Shpg. wt., 2 1/2 lbs.

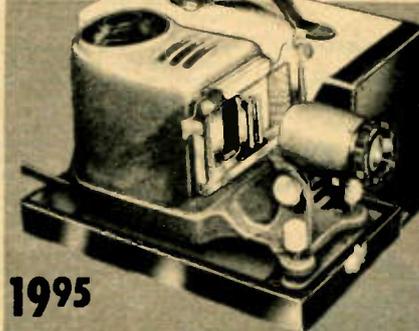
F-339 List \$9.95 ..... Net 9.49



REGULARLY  
19.95  
SALE PRICE  
**9.49**

## NEW "mini-pro" 2" x 2" MM SLIDE PROJECTOR

- COMPACT — ONLY 8 1/2" x 6" x 4 1/2" OVERALL
- BRIGHTER — SHARPER — EVEN IN LIGHTED ROOMS
- 80 mm f/3.5 COATED 3 ELEMENT LENS



A new, portable projector for showing mounted 2" x 2" 35 mm transparencies. An unusually fine, compound lens system develops a brilliance seldom found in projectors of far higher wattage. Projection lens in a fully coated, 80 mm f/3.5, three element, triplet type, anastigmat, extremely fine, aspheric, multi-condenser system multiplies the lamp output giving the maximum illumination possible. Exceptionally bright-sharp

images—even in lighted rooms. Highly efficient double tube venturi cooling plus hardened, heat absorbing filter. Slides will not "pop" out of focus—eliminates constant refocusing. Flat field projection eliminates the usual distortion. Projection distance ranges from 3 feet to 26 feet. Fill a 40" x 40" screen at 10 feet. At 26 feet you get a giant 8 ft. by 15 ft. picture. Elevating knobs tilt projector to desired angle. Weights less than 3 1/2 lbs. Includes 150 watt projection lamp, attractive, sturdy carrying case, standard two slide carrier, six foot cord and protective lens cap. Shpg. wt., 5 lbs.

F-356—List 37.50

Net 19.95

# Lafayette's DIRECT IMPORTS

## Make These Prices Possible

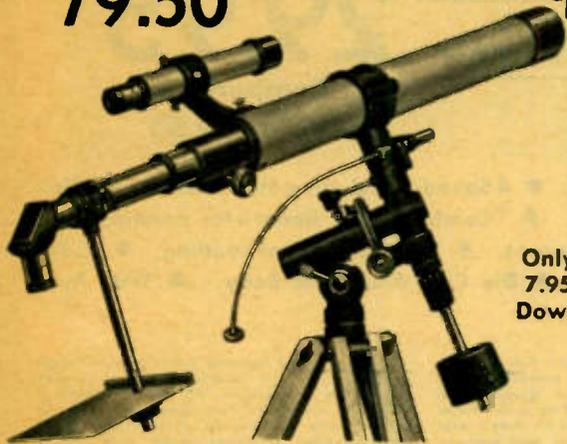
### 79.50

## Professionally Designed and Produced

### 2.4" EQUATORIAL REFRACTOR

# Polaris

- 800-mm. Focal Length
- 62-mm. Objective
- Micromotion adjustments on both axes
- Coated optics throughout
- Equatorial mount



Only  
7.95  
Down

160x—88x—40x with eyepieces included 200x\* by use of optional eyepiece

Latest in a long line of Lafayette refractors at reasonable prices. The unusual value of the Polaris is recognizable in the following specifications. 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. All eyepieces are hard-coated Huygenians. Eyepieces included: 160x (5-mm), 88x (9-mm), 40x (20-mm), 22x (35-mm).

Finder scope is 6x, 30 mm. Equatorial mount with slow-motion controls in right ascension and declination. Tripod head with latitude adjustment. Clamp lever for declination and inclination. Accessories include sunglass, star diagonal, erecting prism, sun projection screen, field tripod, and wooden case. Magnifications of 160x, 88x, and 40x. Rack-and-pinion focusing. Heavy plating used throughout to prevent rusting. Shipping wt. 30 lbs.

F342 WX

Net 79.50

F391 \*200x obtainable by use of optional 4-mm Orthoscopic Eyepiece

Net 8.95

## NEW Achromatic BARLOW LENS



### 4.95

• Makes Any Good Telescope Better!

- Doubles Your Telescope's Power!
- Provides Greater Eye Relief!
- Improves Definition!
- Greater Illumination—Wider Field!

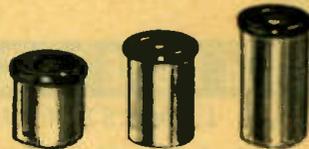
The Barlow lens is a negative (diverging) lens which can increase the range of magnification of any given set of eyepieces. Greater eye relief is provided—even on short focal length eyepieces. Sharpens definition and reduces image deterioration by permitting use of low-power eyepieces to achieve high 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 24.5mm (.97") O.D. and fits draw tubes of that size. Shpg. wt., 1 lb.

F-423

Net 4.95

## ACCESSORY EYEPIECES

- Highly Co-rected
- Hard Coated
- 24.5 mm O.D.
- Finest Quality



Manufactured to extremely close tolerances by one of world's leading manufacturers 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. Avg. shpg. wt., 3 oz.

Stock #	Description	Net, ea.
F-391	4mm Orthoscopic	8.95
F-392	6mm Huygenian-Mittenzwey	5.45
F-393	9mm Huygenian-Mittenzwey	5.45
F-394	12.5 mm Huygenian-Mittenzwey	5.45
F-395	20 mm Huygens	5.75
F-396	26-32 mm Combination Kellner-Achromatic Huygenian	9.65
F-397	22 mm Kellner	7.95
F-398	Sunglass—for above oculars	1.25
F-399	Moonglass—for above oculars	1.25

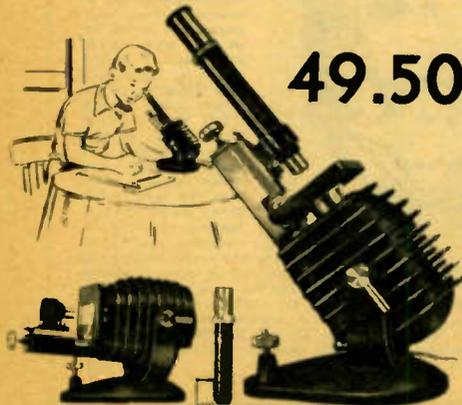
**AMATEUR ASTRONOMER HANDBOOK.** A comprehensive manual for the amateur astronomer, this book describes the techniques of the successful observer, and gives a description of the apparatus necessary. Covers in detail the essential characteristics of telescopes and other factors affecting telescopic observation. Treats such topics as magnification and resolution of telescopes, aberrations of lenses, types of telescope mountings and drives, micrometers and photometers, and photographic methods. 580 pages, hundreds of illustrations. Av. shipment 3 oz.

BK-1455 Postpaid in U.S.A. Net 12.50

## "MAGNI-SCOPE" PROJECTION MICROSCOPE

Produced for the Science Minded—by the Science Minded

- TRUE PROFESSIONAL INSTRUMENTS IN ONE.
- ACCEPTS SOCIETY SIZE OBJECTIVES AND EYE PIECES
- SIMPLE—COMPACT—INEXPENSIVE



### 49.50

Professionally designed and produced to conform to the standards set by Lafayette's Instrument Division. The "Magni-Scope" is not merely a converted microscope—nor a converted projector. It is a true micro-projector instantly adaptable to use as an extremely fine microscope capable of delivering high magnification (up to 1500x) and excellent definition. The "Magni-Scope" will project every type of prepared slide. Heat absorbing filter glasses also permit the projection of living material. These filters, built into the condensing system, protect valuable slides from damage by heat. The highly efficient 100 watt light source—coupled with a first class optical train, assures projected images of exceptional clarity and brightness. The highly corrected optics permit extremes of magnification without distortion or color aberrations. The "Magni-Scope" has also been designed for use as a shadow graph, making it invaluable in industrial and testing laboratories. All standard (society size) microscope objectives and eyepieces are standard and can be used in the "Magni-Scope". Hence the "Magni-Scope" offers all advantages of the most expensive microscopes. Magnifications up to 1500x are possible by using a 15x eyepiece and 100x oil immersion objective. Polarizing filters and an iris diaphragm are mounted substage for light control.

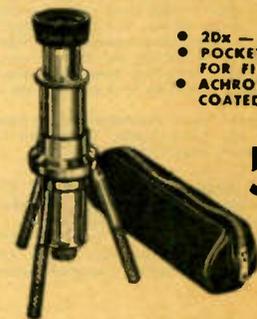
The "Magni-Scope" finned housing and the large stable base are cast aluminum alloy, finished in black crackle enamel. The focusing mechanism is a dovetailed chromed brass slide with a spring-loaded micro-drive for fine focus. Stage is 90mm by 80mm. Supplied complete with a 10x eyepiece, 10x objective, 100 watt projection lamp, instructions and a fitted hardwood carrying case. Shpg. wt., 10 1/2 lbs.

F-484

5.00 Down

Net 49.50

## PORTABLE FIELD MICROSCOPE



### 5.95

- 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 grass 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 1/4" high. Ideal for inspecting large specimens—small parts—surfaces of large pieces. Size collapsed is only 4 3/4"—fully extended 6 1/2" less tripod. Includes soft leather zipper and tripod legs. Perfect portability. Shpg. wt., 1 lb.

F-37

Net 5.95



# INSTRUMENT DIVISION For Research Equipment

## Galactic 3" Equatorial Refractor

● 910mm FOCAL LENGTH ● 76.2mm CLEAR APERTURE ● MICROMOTION CONTROLS FOR DECLINATION AND RIGHT ASCENSION ● RESOLVING POWER 1.6

Truly superior quality—advanced design—optically and mechanically suitable for serious research. The objective lens is a 79mm, hard coated, air spaced Fraunhofer achromat with a clear aperture of 76.2mm (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. Focusing by means of micro-precise rack and pinion drive. The viewfinder scope has a 42mm (1.6 in. clear aperture) objective—500mm focal length—rack and pinion focusing—and will accommodate various eyepieces. The equatorial mount is oversized—insuring stability and smooth action. Finely calibrated hour and declination circles for rapid finding and setting. Micro-motion and rapid motion controls are provided for both declination and right ascension. Micro-motion controls are fitted with flexible shafts and oversized knobs for ease of positioning while viewing. Body tube of white enameled aluminum for maximum strength with minimum weight. Accessories include three sunglasses, moonglass, two star diagonals, sun diagonal, erecting prism, sun projecting screen, extensible field tripod, chain brace, accessory shelf and wooden cabinet. Shpg. wt., 60 lbs. VIA EXPRESS ONLY.

18.90 Down

Net 189.00



189.00

## Arcturus 3" Equatorial Refractor

● ULTRA PRECISE HELICOID FOCUSING ● 76.2mm CLEAR APERTURE ● 7 COATED EYEPIECES ● MOST ADVANCED EQUATORIAL MOUNT

The finest 3" refractor—true research quality—within the price range of the serious amateur. Incorporating a 79mm hard coated, air-spaced Fraunhofer achromat of 910mm focal length with a full 3 inch 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 the viewfinder. Helicoid focusing—the finest available—by means of a massive wheel and ultra-fine helical gear. Finder scope, with rack and pinion focusing, features a 1.6 inch clear aperture objective of 500mm focal length. Provides for interchangeable eyepieces. Equatorial mount of massive construction and advanced design. Incorporates finely calibrated hour and declination circles. Micro-motion controls with extended flexible shafts and compression locks in all axes. Accessories include three sunglasses, moonglass, 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

26.95 Down

Net 269.50



269.50

# LAFAYETTE 14" TRANSPARENT CELESTIAL GLOBE

### Basic Aid for Students and Teachers of Astronomy

- Navigators
- Aeronautics
- Astronautics.

**FIRST TIME UNDER \$100.00**  
**AVAILABLE ONLY THROUGH LAFAYETTE IN**  
**THE UNITED STATES, CANADA & MEXICO**

- ★ 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.



Designed by  
 Dr. H. Hirase and Mr. Manabe  
 of the  
 Tokyo Astronomical Observatory

# 59.50

A true "mechanical universe." Designed for and dedicated to those who recognize the challenge and adventure that lie on the frontiers of space. The concept of the celestial sphere is the most convenient means of illustrating and discussing the common motions of the stars and the individual motions of the members of the solar system. It offers an easily used and easily understood working model of our universe. An invaluable aid in visualizing and identifying the stars and constellations and their relationship to each other, to terrestrial positions and to times and dates. Permits comprehensive explorations in time and space beyond the earth atmosphere. 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 on any day. All systems of astronomical spherical coordinates, such as this 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.

F-400WX

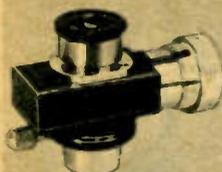
5.95 Down

Net 59.50

LAFAYETTE TELESCOPES ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN - SEE PAGE 302

Page 295

# Lafayette INSTRUMENT DIVISION - RESEARCH EQUIPMENT



54.50

## "MICRO-FILAR" SCREW MICROMETER EYEPIECE

● **MAKES 1 MICRON (0.001MM) MEASUREMENTS**  
Precisely constructed micrometric eyepiece required for extremely precise measurements. 10X focusing Ramsden eyepiece. When used with a 100X (oil) objective, permits measurements of 0.0001mm (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 0.01 mm. One complete revolution of the drum moves the cross hair and 1/10 division 1.00mm across the field. Complete with hardwood case. Shpg. wt., 1 lb.

F-447 5.45 Down Net 54.50



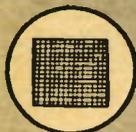
3.95

## MICROSCOPE STAGE MICROMETER

● **GRADUATED TO 1/100 MM**

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 (0.01mm) 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., 6 ozs.

F-448 Net 3.95



1.95

## 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 an optically flat glass discs which may be easily cleaned before installation. Each disc comes in a plastic case. Reticle Diam.—19mm.  
F-363—10mm—100 divisions Linear Scale Net 1.95  
F-364—5mm—100 divisions Linear Scale Net 1.95  
F-365—10x10mm—400 squares—0.25mm<sup>2</sup> Min. Net 1.95  
F-366—5x5mm—100 squares—0.25mm<sup>2</sup> Min. Net 1.95



7.95

## 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 ozs.

F-449 Net 7.95



5.49

## DISSECTING INSTRUMENT SET

● **SURGICAL QUALITY**

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—1½" 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.

F-450 Net 5.49



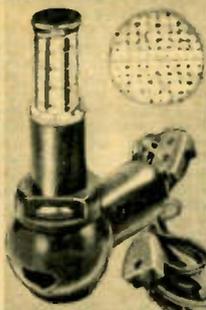
3.79

Some 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.

F-451 Net 3.79

## OPTA SCOPE ILLUMINATED UNIVERSAL MICROSCOPE

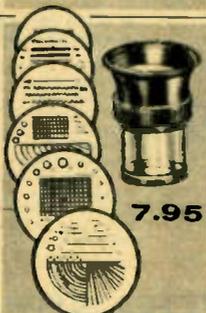
● 82X to 120X ● Helicoid Focusing ● Integral Illumination ● Direct measuring reticle ● High Eye Relief



39.50

An extremely versatile, precision microscope for use in laboratories, shop-production, field work wherever inspection or examination under high magnification is required. Adds speed to inspection. High resolving power plus exceptionally efficient illumination factor greatly increases the accuracy of all types of inspection work. Direct measuring reticle, 1mm divided into 50 parts. Permits estimates down to .0001 inch. Coarse focus by draw tube, chooses gross magnifications of 82X, 90X, 100X and 120X. Fine focus by knurled wheel and helicoid gear. Focusing eyepiece corrects for dipter variations. Integral light source is a 15 watt 110 v clear bulb. For field use it is interchangeable with a battery operated secondary source. High eye relief, approximately one inch, permits the operator to wear glasses. Accessory slide clips allow the examination of prepared slides while hand holding the Opta-Scope. Eyepiece and objectives lens are standard size and readily interchangeable for variations in power. Supplied complete with 15X focusing eyepiece, 10X, 0.25na objective, blue filter, 110v. light source, battery light source, slide retaining clips, spare bulb and fitted leather carrying case. Shpg. wt., 3 lbs.

F-495 Net 39.50



7.95

## OPTICAL MICROMETER

● Pocket sized Comparator ● Direct measurements to .005" ● Measures Diameters—Radii—Angles ● Linear scale in Inches

High quality optical micrometer using a triplet lens system of approximately 7 power. Triplet lens 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 ¼" to 1/16" and from .005" to .05". Thickness scales from 1/4" to 1/8". Radii from 1/16" to 3/16" and angles from 0° to 90°. Measures instantly—without adjustments. Accurate to edge of 1" field. Adjustable focus. Reticle removable for use as high power magnifier. Infinite uses in lab and industry. Complete with leather case. Shpg. wt., 6 oz.

F-376 Net 7.95

## 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 1-1/16" (27 mm).

(B) Particle measuring grid 0.4" x 0.3" 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.

F-436 Net 2.75

Radii and angle scales. 180° protractor scale, 0 to 90° in 1° increments. Radius scale, concentric 0.5mm to 10 mm with .5 mm subdivisions. Shpg. wt., 4 ozs.

F-457 Net 2.75

Thickness gauge. 15 scales consisting of parallel lines—measures from .002 to .016 inches. Shpg. wt., 4 ozs.

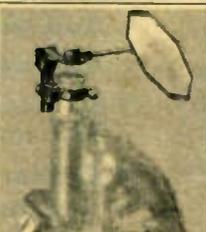
F-458 Net 2.75

Particle measuring grid and diameters. 10 mm square grid of 0.5 mm squares. Subdivided with 0.1 mm increments. Diameters from 0.1mm to 2.5mm in 0.1 mm increments. Shpg. wt., 4 ozs.

F-459 Net 2.75

Complete comparator. All five reticles and magnifier. With leather case. Shpg. wt., 8 ozs.

F-460 Net 16.95



## ABBE DRAWING APPARATUS

● MICRO-CAMERA LUCIDA ● HIGH OPTICAL QUALITY ● EXCEPTIONAL CONVENIENCES

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 micro-field 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., 1½ lbs.

F-453 Net 15.95

## NEW "TRI-PLEX" SUGAR REFRACTOMETER

● MEASURES 0% TO 90% ● ACCURATE TO 0.2%

The first Hand Refractometer to satisfactorily fill the need for an adequate field instrument. One instrument measures all densities—0% to 90% within 0.2%. The Amici prism feature insures an exceptionally fine division of the field.

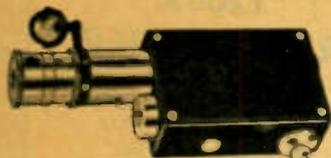
The "Tri-Plex" refractometer defines the critical line as clearly as most laboratory instruments. The tri-prism system allows the technician to choose any of three ranges at will. Reads dense or clear solutions with equal facility. The exceptionally fine optical train shows a perfectly clear, color corrected field. Small, light and exceptionally sturdy. No loose parts to become lost in field use. Extreme simplicity of operation. Shpg. wt., 1¼ lbs.



119.50

F-455 11.95 Down Net 119.50

## DIRECT VISION PRECISION SPECTROSCOPE



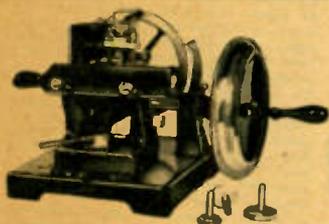
- 400-800 MILLIMICRON SCALE
- ADJUSTABLE SLIT WIDTH; DRAWTUBE SLIT FOCUSING
- HORIZONTALLY SPLIT FIELD



A prismatic type, hand-held instrument that has most features of the finest standard laboratory instruments. The millimicron scale is adjustable for sharp focus and for position (with "lock-in" feature to fix scale with relation to known spectral lines). Highest grade optical yields a broad dispersion field of high intensity obtained from best quality glass dispersing prisms, while excellent lens system resolves the closest spectral lines into 2 distinct lines. By a twist of the collar, a horizontally split field is obtained by which a comparison can be made of two light sources simultaneously. Tubes and collars are constructed of highly polished corrosion proof steel. Equally suited to laboratory or field work, the spectroscope has a wide array of applications: emission spectrum analysis of light sources; qualitative chemical analysis and metallurgical analysis by emission spectra; qualitative analysis of absorption spectra by examining aqueous or other solutions contained in the small test tubes provided. Absorption spectrum analysis has application in many branches of technology—color and dye chemistry, blood chemistry, clinical medicine, crystallography. Complete with plush-lined case, shipping wt., 1 1/2 lbs.

F-361.....7.65 Down.....Net 76.50

## PRECISION ROTARY MICROTOME MINOT TYPE



- SECTIONS 1 TO 25 MICRONS
- EXTREMELY ACCURATE FEED
- SMOOTH QUIET OPERATION
- EXCEPTIONALLY RAPID OPERATION

Used wherever extreme accuracy is required. Features a reliable, micrometer feed mechanism and exceptional stability. Can be set for sections of any thickness from 1 micron to 25 microns. Each revolution of the drive wheel completes one cutting pass. Drive wheel is heavily counter-balanced to offset the weight of reciprocating parts. The specimen holder can be positioned easily and quickly and is extremely rigid in the "fixed" position. The knife angle is readjustable and the knife is easily secured in position. The specimen holder can be locked at the top of its excursion for ease of specimen adjustment. The micrometer feed

screw, indexing head and other movable parts are readily and precisely adjustable. This microtome is capable of exceptionally rapid sectioning of specimens while maintaining an extremely high degree of accuracy. Where practicable the parts are of stainless steel, nickel silver, or heavily enameled to prevent corrosion and discoloration. The instrument is supplied with a section carrying belt, a 150mm Minot type knife, 3 specimen supports, leather strap, honing bevel, strapping paste and case. Shpg. Wt., 73 lbs.

F-444WX.....18.00 Down.....Net 180.00

## MECHANICAL MICROSCOPE STAGE

- LOCATES ANY SPOT ON A SLIDE, "ON THE NOSE"
- SMOOTH ACTION-HORIZONTAL AND VERTICAL
- FOOL PROOF CO-ORDINATE SYSTEM



19.95

Locates any spot on a microscope slide with perfect assurance of exact duplication, by reading the coordinates of the horizontal and vertical scales. The horizontal scale is engraved from 40 to 100 mm with Vernier. Vertical scale is engraved from 0 to 40 mm, with similar Vernier. No error is possible when recording the co-ordinates for location of a point on the slide. The stage has a spring clip that automatically fits the slide into the proper position on the stage.

Has the smoothest vertical rack and pinion movement and horizontal worm gear movement. It is made of highest grade machined brass.

The mechanical stage will screw onto any "Society" size microscope stage. Other sized microscopes may require slight machining to take 2 positioning pins and one locking screw. Comes in plush-lined wooden case. Shpg. wt., 1 lb.

F-362.....Net 19.95

## PROFESSIONAL ENGINEER'S TRANSIT

- 6 IN. DIAM. HORIZONTAL CIRCLE, GRADUATED TO 20 MIN.
- 2 HORIZONTAL VERNIERS READING TO 20 SECONDS OF ARC
- INTERNAL FOCUS; TELESCOPE CONSTANT ERROR ZERO.
- 26X MAGNIFICATION; RESOLUTION 3 SECONDS; MIN. FOCUS 4 1/2 FT.

Reg. Value

395.00

This instrument is designed to meet the highest engineering requirements for complete accuracy and reliability. Achromatic optical system yields a bright, sharp, highly resolved field even under poor lighting conditions. 1 1/2" diam. objective lens has field of view of 1° 12' which yields an erect image. Has 6 in. diam. horizontal circle, larger than most similar transits, with graduations on silver plate to 20 minutes of arc, numbered every 10 degrees. Vertical circle has a diameter of 4 1/2" with divisions of 30 minutes and has one Vernier reading to 1 minute of arc. Compass circle has 3 1/2 in. needle set in jewel-bearing, is numbered every 10 degrees in quadrants with divisions of 1°. Correction for magnetic variation is provided for. Head is of the 4-screw levelling type. Horizontal plate has 2 spirit levels of 90 seconds sensitivity. Telescope level has 40 second sensitivity. The stadia of the optical system are in fixed ratio of 1:100 from center of transit. Comes with sturdy tripod, accessories and case. Shipping wt., 40 lbs.; shipped via express only.

F-379WX.....39.50 Down.....Net 395.00

## SUGAR REFRACTOMETER

- MODIFIED ABBE DESIGN
- REAOS % SUGAR DIRECT
- NO MOVING PARTS TO WEAR OUT
- CAN BE USED TO DETERMINE REFRACTIVE INDEX



Here is a beautifully constructed scientific tool of simple design, easy to operate, with no moving parts, except for the focusing eye piece.

Operation is very simple. A few drops of the sample are placed on the prism, the cover is closed and observation is made by means of tungsten illumination or daylight. A perfectly clear field, completely color corrected, shows a reticle graduated in percent from 0-32%. With the sample in place as described above the field will show a sharp dividing line between a bright and dark portion; where the dividing line falls determines the reading, which can be estimated to 0.1% accuracy. The instrument can be converted to a universal laboratory type by changing % readings to "index of refraction" readings, Nd. (Consult Chemical Handbook or literature.)

This instrument is an essential tool in the fields of sugar refining, agricultural, food technology, medicine, theoretical chemistry, etc.

Comes in a convenient portable leather case. Shipping wt., 1 1/2 lbs.

F-358.....5.00 Down.....Net 29.50

F-431. Same as F-358, but range from 30 to 60%.

5.00 Down.....Net 33.95

F-430. Same as F-358, but range from 50 to 80%.

5.00 Down.....Net 41.90

F-432. Same as F-358, but range from 60 to 90%.

5.00 Down.....Net 41.90

## Direct Vision Spectroscope

- SIMPLEST WAY TO OBSERVE SPECTRA
- BETTER THAN ANY GRATING SCOPE OF EQUAL COST
- HIGHEST GRADE OPTICS IN DIRECT VISION FIELD



Every physicist, chemistry, science class, or hobbyist can afford to own this superb instrument. It is the simplest means by which one can observe emission spectra from light sources and vaporized chemical salts, and the Solar Spectrum.

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 highly polished corrosion-proof steel. Comes in plush-lined case. Shipping wt., 9 oz.

F-359.....Net 19.50

## SIMPLEX CYLINDER MICROTOME



16.95

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.

F-442.....Net 16.95

# Microscopes and Accessories



## 900X "MICROBE HUNTER"



ONLY  
**34.50**

- 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

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. Geared rack and pinion coarse focusing. Micro-motion 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.

F-338—List 69.95 .....Net **34.50**



## 1200X "RESEARCHER"

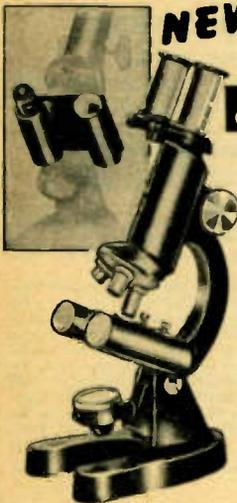
- MAGNIFICATION RANGE 25X — 1200X
- 4 OBJECTIVES, 4 EYEPIECES,
- FULL RANGE FINE FOCUS ADJUSTMENT
- FULLY CONTROLLED, INTEGRAL MECHANICAL MOVEABLE STAGE

This superb instrument closely parallels the "Society" grade microscope in every desirable detail and yet is available at very low cost. Provides heavy, stable horseshoe base, smooth acting joint, enabling the body to turn through 60°, perfectly balanced at any angle. Tube length is 120 mm. Four Huygen's eyepieces and four achromatic objectives yield 16 combinations of power from 25X to 1200X. By means of two knurled micro-motion screws at the rear of the stage, it is possible for the operator to move the stage (and the slide) a distance of 3/16" — 1/4" in any direction, while looking through the eyepiece. Hardware is of the finest quality. Tubes are of the highest grade chrome-plated brass. All fittings are expertly machined and threaded, making this scope suitable for the most exacting work. Scope comes with a set of 5 basic dissecting instruments, made of high-grade instrument steel. 10 slides, a pack of cover slips and a tube of mounting fluid. Includes dovetailed wooden carrying case. Shipping wt., 10 lbs.

**44.50**

F-369 .....Net **44.50**

## NEW! 600X "BI-OCULAR" MICROSCOPE



**8.95**

- NEW—TWIN LENS "BI-OCULAR" TURRETI
- BUILT-IN SUB-STAGE MICRO-LITE!
- 600X—400X—300X—200X—120X—80X!
- ONLY AT LAFAYETTE!

The latest advance in Micro-Optic design. Free swinging, twin-lens, 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. You can swing instantly from 80X to 120X—or 200X to 300X—or 400X to 600X without resetting subject or microscope. "Micro-Lite", with automatic on-off switch, gives brilliant, color corrected, field of view. Dual knob, rack and pinion focusing, 8 1/2" high, overall. All optics are achromatic. Ocular lenses are Huygenian type. Includes sub-stage mirror for viewing by reflected light. 90° inclination joint. Includes dovetailed wooden carrying case and sample slides. Shpg. wt., 5 lbs. Less batteries.

F-334 .....Net **8.95**

## 900 X "MICRO- PREP" KIT



**15.95**

- 100X to 900X IN 7 RANGES
- BUILT-IN SUB-STAGE LIGHT
- 2 MATCHED EYE PIECES
- INCLUDES DISSECTING SET,
- SPECIMEN, SLIDES

Monocular tube design made to educational standard. Uses geared rack and pinion for focusing. Coaxial knob adjustment permits smooth action. Fixed square stage is 70 mm. x 80 mm. with click-stop sub-stage diaphragm. Sub-stage is illuminated by built-in battery lamp, giving brilliant, color corrected field. Light is supported by a 35 mm. adjustable plano-concave reflex mirror. Huygenian eye pieces of 10X and 15X. 4 achromatic objectives—10X, 20X, 40X, and 60X. Combination of the two yields 100X, 150X, 200X, 300X, 400X, 600X, and 900X. Includes 12 slides of which 8 are blank and 4 prepared. Dissecting kit consists of 1 spatula, 1 tweezers, 1 probe, 1 scalpel, 1 scissors and 1 magnifying glass. Overall height 11". Grey satin glass. Finished with chrome trim. Provided with handsome fitted cabinet with carrying handle. Shpg. wt., 6 lbs.

F-433 .....Net **15.95**

## LAFAYETTE MICRO-LITE



**2.95**

- USE WITH ANY MICROSCOPE
- FURNISHES BRIGHT, EVEN LIGHT

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" stanchion. 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. Operate 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 3 1/2" high including base. Shpg. wt., 1 lb.

F-268 .....Net **2.95**

## HUNTING WITH THE MICROSCOPE NEW EDITION



Guide for beginners and advanced users of microscopes. How the microscope works. How to prepare and study cultures—set up a microscopic zoo and garden—grow micro organism—perform micro surgery. Profusely illustrated with photographs and drawings. 14 chapters of easy-to-read, highly informative text.

BK-1440 136 PAGES 5 1/2" x 8" Net **.89**

# Lafayette IMPORTED MICROSCOPES

Tested and selected for consistent quality



## NEW "MICRO-LAB" Kit

COMPLETE HOME LABORATORY ALL THE MOST NEEDED ACCESSORIES

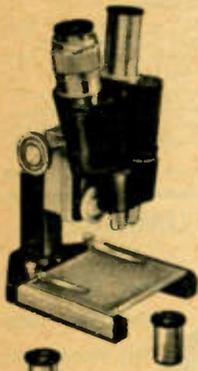
**7.79**

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 professional quality. The cabinet will accommodate any microscope of no more than 8 3/4" x 5" x 3" 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. Shpg. wt., 7 1/2 lbs.

F-454

Net 7.79

## NEW! WIDEFIELD STEREO-SCOPE BINOCULAR MICROSCOPE



- 30X-50X Three Dimensional Images • Coated eyepieces-prisms-objectives • Two pairs of matched eyepieces-6X and 10X

An exceptional instrument—priced for school and industrial use. Wide field of view—working distance 55mm to 145mm. Images appear in three dimensions, right side up, and motion is in its natural direction. Invaluable in dissection—examining metals and minerals—quality control—inspection and assembly of miniature parts, examination of cracks and cavities. Binocular body provides for a full range of interpupillary and toppler adjustments. The modified horseshoe base, 5 1/2" x 4" insures stability. The glass stage plate may be removed and the microscope placed directly on the specimen. Total vertical excursion is 4 1/4". Focusing by means of rack and pinion. Supplemented by a dovetail slide with lock. Supplied with two pairs of eyepieces 30X and 50X, and one pair of 5X objectives, 6 slides and carry case. Shpg. wt., 5 lbs.

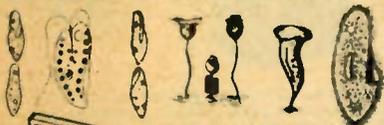
F-492

5.00 Down

Net 32.50

**32.50**

## PREPARED MICROSCOPE SLIDES



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 filing and storing. Shpg. wt., 8 ozs.

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
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F-134—Micro-Animals	Net 1.29
F-135—Micro-Organisms	Net 1.29
*F-136—Substance of Cells	Net .89
*—Set of 6 slides	

## NEW! 30X-70X STEREO-SCOPE

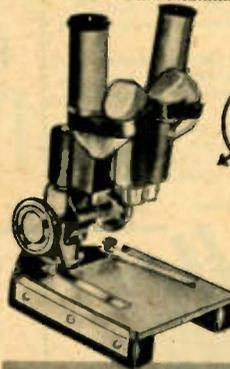


- STEREOSCOPIC Binocular Dissecting Microscope
- Wide Field 3-Dimension View
- Two Models to Choose from

**SEMI-PRO "STEREO-SCOPE":** An especially engineered instrument featuring the stereopsis and wide view field needed in biology — petrography — archeology — mineralogy — criminology — industry — agriculture — etc. Indispensable for inspection of large specimens — small parts — surface features of gross objects — dissection — etc. Fixed objective lenses and interchangeable eyepieces for a choice of either 30X or 50X. Prismatic binocular head with full interpupillary adjustment. Ground glass stage 3-3/16" x 3-5/16". Oversize modified horseshoe base. Rack and pinion focusing. Automatic stop prevents over rise. Overall height 9 1/2". Complete with fitted wooden carrying case. Shpg. wt., 6 lbs.

F-337

Net 21.50



**17.95**

NET

**21.50**

NET

**STUDENT "STEREO-SCOPE":** A 30X stereoscopic binocular microscope—designed primarily for the student and serious hobbyist. Includes most of the features of our "Semi-Pro" model shown on this page. Fixed objective lenses and non-interchangeable eyepieces. All optics are achromatic. Ground glass stage measures 2 3/4" x 2-13/16". Overall height 7 3/4". Complete with fitted woden carrying case. Shpg. wt., 3 lbs.

F-335

Net 17.95

## NEW! 500X "MICRO-MECH" MICROSCOPE

Tested and selected for consistent quality

- BUILT IN MECHANICAL STAGE!
- 100X—200X—300X—500X
- QUADRUPLE REVOLVING TURRET

**5.95**

The latest in microscopes for the student—hobbyist—or budding scientist. Featuring a built-in, micro-drive, mechanical stage. Simplifies the positioning of slide under view. Permits the micro movement necessary to properly examine micro subjects. Simplifies use—promotes learning through ease of operation. Quadruple turret holds four achromatic objective lenses giving magnifications of 100X, 200X, 300X, and 500X. Dual knob, rack and pinion focusing—locks in any position. Compact—steady base 2 3/8" x 3 1/2". Adjustable substage mirror. Complete with wooden carrying case and slides. Shpg. wt., 4 1/2 lbs.

F-357

Net 5.95



## NEW! PORTABLE "MICRO-LITE"

- POINT SOURCE ILLUMINATION
- BATTERY OPERATED • OMNI-DIRECTIONAL ARM

Newly designed microscope illuminator. Provides for reflected or direct light on subject. May be used with opaque or transparent specimens. Provides often needed oblique light. Arm elevates light a total of 4 1/2"; sufficient for use above or below stage. Ball joint and swivel action—locks in any position. Compact—steady base 2 3/8" x 3 1/2". Battery operated for complete portability. Uses 2 "pen-light" cells. Shpg. wt., 1/2 lb.

F-375 (less Batteries)

Net 1.29

BA-155 TYPE "Z" batteries (2 required) Each .10

**1.29**



WHEN ORDERING ALWAYS USE LAFAYETTE STOCK NUMBERS IF SHOWN

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### Micro-Plex — Binocular-Monocular Research Microscope

- 20X to 2000X • Interchangeable Binocular/Monocular Tubes
- Vernier calibrated mechanical stage • Eight paired eyepieces
- Quadruple revolving nosepiece



**345<sup>00</sup>**

A newly developed medical—bacteriological microscope embodying all the necessary advantages that research workers find exceptionally valuable. 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.

**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 driven. 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.

34.50 Down Net 345.00

### Medica II — Medical-Bacteriological Microscope

- Standard Society Size
- 20X to 1500X
- Vernier calibrated mechanical stage
- Extendable Monocular Tube
- Par-focal at 170mm tube length



**179<sup>00</sup>**

An exceptionally fine instrument—built with the skill and precision necessary to research in medicine, biology and bacteriology. 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/D.65 n.a., all immersion 100X/1.25 n.a. Three eyepieces, 5X Huygenian, 10X Huygenian, and 15X peri-planatic.

**BODY:** Extendable, monocular tube. Graduated in mms from 155 mm to 200 mm. Parfocal at 170 mm.

**STAGE:** Square stage 120mm x 125mm. Graduated mechanical stage with 50mm x 80mm range of movement. Vernier accurate to 0.1mm. Accepts slides of practically every size and shape including petri dishes.

**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.

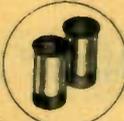
Satin black baked enamel finish, chrome trim. 12 1/2" x 8 1/2" x 5 1/4" overall. Net weight 21 lbs. Includes fitted cabinet of fine grained oak with lock and key. 5cc of cedar oil, spanner, spring clips, blue filter. Shpg. wt., 29 lbs.

F-367WX 17.90 Down Net 179.00

### Optiscope

#### Optiscope—Wide Field Stereoscopic Binocular Microscope

- 10X — 90X
- Six paired, wide field eyepieces
- Six paired objectives
- Universal mounting device



**189<sup>00</sup>**

The most useful wide field microscope available. 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 on 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. Used for dissecting, study of gross and opaque specimens, inspection and assembly of ultraminiature components, control of quality, purity, and uniformity, counting bacteria colonies, dermatology, mineralogy, etc. Exceptionally fine optics produce the most brilliant resolution. Fine stereoscopic (3-dimensional) 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:** Inclination 90°, coated prism system for maximum light transmission, Interpupillary adjustment 55mm to 75mm, eyepiece diaphrag 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. Dovetail slide, oversize knobs, adjustable focusing tension.

**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 1/4". Affords 10" clearance from work surface to objective lens. Horizontal excursion is 4". Rotation through 360 in two axis. Dove gray baked enamel finish. Brushed chrome trim. Includes fitted cabinet of fine grained oak. Shpg. wt., 25 lbs.

F-443WX 18.90 Down Net 189.00

### UNIVERSAL MICROSCOPE ILLUMINATOR

- Transformer with Dimming Control

Universal Microscope Illuminator with Iris Diaphragm



**35<sup>00</sup>**

This versatile microscope illuminator provides an intense, relatively cool light. Designed for use with stereoscopic microscopes (incident light), vertical illumination and as a general laboratory light source. Can be adjusted for Kohler or critical illumination. Mounted on a heavy base, the lamp can be adjusted for any angle of above or below stage illumination. Can be set as high as 10" above the work surface. Size of the illuminated field is controlled by iris diaphragm with graduations. Ventilation openings are baffled to confine stray light. Focusable from an image of the filament to a broad field of even illumination. 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 5.00 Down Net 35.00

### SUBSTAGE ILLUMINATOR

- Standard society size



**8 50**

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 (F367). Has both diffuser lens and ground glass blue filter. Exceptionally compact. Convenient source of micro-illumination for general laboratory use. Complete with 6 ft. cord, plug, switch, 2 spare bulbs and wooden case. Shpg. wt., 1 1/2 lbs.

F-438 Net 8.50

## NEW! SUB-MINIATURE 4-TRANSISTOR HEARING AID

ONLY 2 1/2" LONG X 1 3/4" WIDE X 3/8" THICK

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.

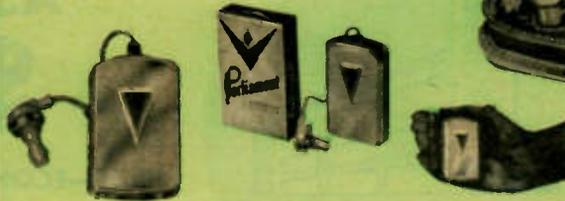
F-480

Net 29.50

BATTERY FOR ABOVE

BA-153 [1 required] Burgess N type. Shpg. wt., 3 oz. .08

- LIGHTWEIGHT—WEIGHS LESS THAN 2 OZ. INCLUDING BATTERY
- SMALL ENOUGH TO BE CARRIED IN BREAST POCKET
- 4-POSITION TONE CONTROL
- UNIQUE TELEPHONE SWITCH ALLOWS TELEPHONE CONVERSATION
- LATEST ELECTRO-MAGNETIC EARPHONE AND MINIATURE CRYSTAL MICROPHONE
- UTILIZES ECONOMICAL PENLIGHT BATTERY



29<sup>50</sup>

## 4-TRANSISTOR MINIATURE HEARING AID

ONLY 2-3/16" WIDE X 2-13/16" LONG X 3/4" THICK

24<sup>50</sup>

- LIGHTWEIGHT AND POWERFUL—A REAL BOON TO THE HARD-OF-HEARING
- WEIGHS ONLY 5 OZ.—SMALLER THAN A PACK OF CIGARETTES
- USES ONLY 2 SMALL LOW-COST FLASHLIGHT CELLS
- QUALITY AND PRECISION BUILT FOR YEARS OF OUTSTANDING PERFORMANCE
- ECONOMICAL IN COST AND UPKEEP

A completely self-contained modern hearing aid whose power and sensitivity will open up a "new world" for those with even severe hearing loss. Small enough to be carried in a breast pocket, it weighs only 5 oz. Complete with batteries, 2-3/16" wide x 2-13/16" long x 3/4" thick! Its 4-transistor circuit provides high amplification, good intelligibility and quiet operation. The tiny flesh-colored dynamic earphone fits snugly into the ear, and a 3-foot long thin flexible cord is supplied, with plugs at both ends. Internal electronic components are protected by a clear plastic cover which keeps the hearing aid dust and moisture free—while making inspection and service easy. A smoothly operating volume control permits easy adjustment for the various requirements of daily living. The alumite case is extremely handsome and finished in gold by a special process to prevent peeling and rusting. A good-looking gray leather zipper carrying case is also supplied. Uses only 2 pen-light battery cells, low-cost and replaceable anywhere, yet battery life is approximately 2 months with a rate of use of 4 hours per day! Shpg. wt., 1 lb.

F-360 Hearing Aid

Net 24.50

BATTERY FOR ABOVE

BA-155 (2 required) Burgess Z type. Shpg. wt., 3 oz. . . . .

Net each .10



## LAFAYETTE TRANSISTORIZED INTERCOMS

### NEW LAFAYETTE "ANNOUNCECOM" 4 TRANSISTOR INTERCOM



- BE SAFE — CHECK PERSON AT DOOR FROM MASTER STATION BEFORE OPENING
- CALL CHILDREN FROM BACKYARD
- ECONOMICAL TO OPERATE —POWERED BY INEXPENSIVE PENLIGHT BATTERIES

24.95

Features the same quality transistorized master unit as described in the PA-71. However, the remote is hermetically sealed and weatherproofed so that it can be placed outdoors. A push-button buzzer alerts the master inside the home and intercommunication proceeds in the same manner as in the PA-71. . . . Perfect for installation in front doors, factories, basements, garages, or patios.

PA-7

24.95

### NEW! LAFAYETTE 4 TRANSISTOR INTERCOM AND ELECTRONIC BABY SITTER



24.95



- 4 TRANSISTORS
- NO HUM. NO HEAT
- NO SHOCK HAZARD
- PRINTED CIRCUIT BOARD
- NO WARMUP DELAY
- 3" SPEAKERS
- EXTRA SMALL
- 1 THERMISTOR

Extra features . . . top performance . . . portability . . . long battery life . . . ideal for home and office. Perfect as a portable unit . . . for the summer cottage . . . backstage for once-a-year amateur theatricals . . . as well as permanent installation . . . office to office . . . kitchen to bedroom. This is a complete transistor intercom system, consisting of a master station and a remote station. Specialized circuitry allows each unit to call the other (remote can call the master even when it is turned off) while requiring only a 2-conductor wire for interconnection. Completely transistorized. Requires only 6 volts from built in, easily replaceable batteries for many months of reliable operation. Elimination of all power line connections prevents all shock hazard and makes this unit safe to use everywhere. Master station has a volume control and function switch with 3 positions. Talk, for speaking to remote; listen, for monitoring the remote (baby sitting, etc.); and standby which turns off the power to conserve batteries. Zero warmup time means the unit is ready for operation. When the unit is turned off, the remote can call the master by depressing its call switch; a pleasant musical tone alerts the master that it is being called. Trouble-free long-life printed circuit board, correct amount of negative feedback, and push-pull output circuit. Big 3" speakers are used for optimum naturalness and intelligibility. Each unit is housed in an attractive two-tone case, measuring 5 x 4 1/2 x 3 1/2". Complete with cable and batteries. Shpg. wt., 6 lbs.

PA-71

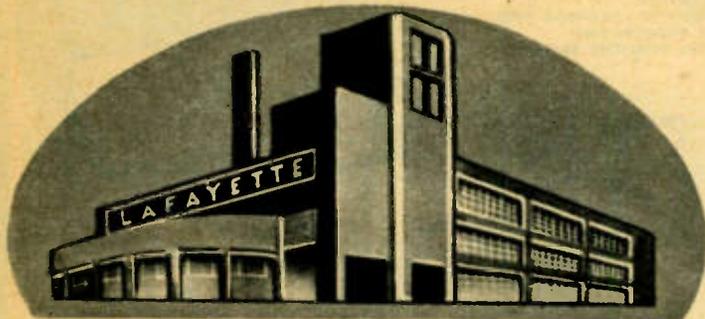
Net 24.95

INTERCOM SYSTEMS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN — SEE PAGE 302

Page 301

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### ADDITIONAL PURCHASES

Once you have established credit with Lafayette you can "add-on" to your account with the purchase of \$20.00 or more. No down payment is required on either "add-on" or reopened accounts for purchases of less than \$100.00. You simply list the items wanted on the order blank, write "add to my account," and give your account number. Make certain that you sign the Easy Payment Agreement on the reverse side of the order blank.

Lafayette invites you to join the thousands of satisfied customers who say, "EASY PAY GOES ALL THE WAY" in offering you fast, economical and confidential service. You can get the equipment you want now, even if you do not have the ready cash. Lafayette's Easy Pay Plan permits you to buy without disturbing savings by paying conveniently as you earn—And at the lowest carrying charges! You need only a small down payment on all orders of \$20.00 or more. You can buy whatever you please under this plan by selecting the merchandise you want from any of our catalogs, flyers, or advertisements, including High Fidelity Systems; individual Hi-Fi units and accessories; Test equipment; Kits; Public Address and Intercom equipment; Amateur Gear; Power and Hand Tools; Phonographs and Record Changers; Tape Recorders; Telescopes, Binoculars and Photographic Equipment; Books and Manuals. In fact, all merchandise can be purchased on the Easy Pay Plan (EXCEPT ELECTRICAL APPLIANCES, PRE-RECORDED TAPE, RECORDS, TUBES AND PARTS).

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25.01 — 30.00	3.00	5.00
30.01 — 35.00	3.50	5.00
35.01 — 40.00	4.00	5.00
40.01 — 50.00	5.00	5.00
50.01 — 60.00	6.00	6.00
60.01 — 70.00	7.00	7.00
70.01 — 80.00	8.00	7.00
80.01 — 90.00	9.00	8.00
90.01 — 100.00	10.00	9.00
100.01 — 110.00	11.00	10.00
110.01 — 120.00	12.00	10.00
120.01 — 130.00	13.00	10.00
130.01 — 140.00	14.00	11.00
140.01 — 150.00	15.00	12.00
150.01 — 160.00	16.00	12.00
160.01 — 180.00	18.00	13.00
180.01 — 200.00	20.00	14.00
200.01 — 225.00	22.50	15.00
225.01 — 250.00	25.00	16.00
250.01 — 275.00	27.50	17.00
275.01 — 300.00	30.00	19.00
300.01 — 350.00	35.00	21.00
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## OUR PRICING POLICY

Lafayette's policy is to quote the lowest prices possible. Our catalog prices are NET, and do not include shipping charges except where marked POSTPAID. All discounts have been deducted, including 2% discount for cash.

You always receive Lafayette's lowest current price, should economic or other factors affecting our costs, allow us to reduce prices below the stated catalog prices. All prices in this catalog are subject to change without notice. Your order is filled at prices in effect at the time of shipment.

Our low price policy is possible because we buy for CASH and sell for CASH. We do not carry open accounts, except for EASY PAY PLAN. (see opposite page). We pass on to you all savings affected by eliminating costly bookkeeping.

## HOW TO ORDER

1. Print, or write plainly, your name and address on our convenient order blank or any plain stationery (we will provide additional order blanks upon request). If your order is to be shipped to an address or person other than yourself, be sure to provide us with complete information.
2. Indicate how you want your order shipped by checking the proper square. We follow your instructions unless postal or carrier regulations restrict us, or unless a change is in your best interest. "X" after the catalog stock number indicates that the item is shipped via express (see above, "EXPRESS SHIPMENTS").
3. Fill in the complete stock number of each item ordered, quantity desired, description (include manufacturer's name where appropriate), color, price and shipping weight.
4. Total the shipping weights of all items and change ounces to pounds (16 ounces to a pound).
5. Compute the total amount for items ordered. If order is to be shipped Parcel Post, use rate table on this page to estimate postage to be added to your remittance. Overages promptly refunded. Do not send freight or express charges, these shipments are sent shipping charges collect at no additional cost to you.
6. Enter amount for tax (if any), and amount due on previous order (if any).
7. Add up the total amount of your order and enter in TOTAL Space.
8. Enter amount you are remitting in space provided next to kind of order—(Fully Paid, Easy Pay, COD Deposit) in Amount Enclosed space. If you are ordering through our convenient Easy Pay Plan, be sure you use ink, and fill in the full information requested on the reverse side of the order blank.
9. The best way to send money is by Postal Money Order, Cashier's Check, Express or Bank Money Order, Bank Draft, or your own check. We advise against sending cash through the mail unless you register your letter.

## PARCEL POST SHIPMENTS

Parcel Post is best for most packages weighing up to 40 lbs. to the 1st and 2nd zones and 20 lbs. to the 3rd to 8th zones. Size of the package is restricted to not more than 72 inches in length plus girth (girth is the measurement around the widest point), if delivered to a first class post office, and up to 100 inches in length plus girth at all zones if not a first class post office. (Ask your local postmaster or mail carrier to tell you, if you are not certain about the size or weight package deliverable to you). Items which can not be sent Parcel Post are normally sent Express (X next to catalog stock number). We advise against ordering COD since the Post Office charges you a COD handling charge plus a MONEY ORDER fee which adds to your cost, particularly on orders less than \$5.00. If you do desire COD, include 25% deposit. NOTE: Hawaii and Alaska are in the 8th zone.

Amount of Order plus Postage	Postal Money Order Rates	Postal COD Fees
Up to \$5.00	15¢	30¢
\$5.01 to \$10.00	20¢	40¢
\$10.01 to \$25.00	30¢	60¢
\$25.01 to \$50.00	30¢	70¢
\$50.01 to \$100.00	30¢	80¢

The letter "X" after the catalog stock number (Example—HF 671X) identifies items which exceed parcel post size or weight limits or are delicate and require special handling. These items are shipped express to insure safe arrival to you by the fastest possible method. Do not send any money for

## EXPRESS SHIPMENTS

Express charges with your order. Charges are collected upon delivery of no extra cost to you. If there is no agent in your town, specify your nearest express office. Insurance is included in your express rates.

## APPROXIMATE EXPRESS CHARGES (SUBJECT TO RATE CHANGES)

Express charges are also determined by the weight of the shipment and the distance of consignee from the shipper. The following chart indicates approximate charges. Add 3% Federal Transportation Tax.

WEIGHT	100 MILES	150 MILES	300 MILES	500 MILES	750 MILES	1000 MILES	2000 MILES	2500 MILES	3000 MILES
20 lbs.	2.23	2.33	2.61	2.92	3.24	3.63	4.87	5.34	5.50
30 "	2.52	2.66	3.09	3.56	4.05	4.61	6.47	7.18	7.43
40 "	2.80	3.00	3.57	4.19	4.84	5.60	8.08	9.02	9.34
50 "	3.08	3.33	4.05	4.84	5.64	6.58	9.68	10.86	11.26
60 "	3.37	3.66	4.54	5.47	6.45	7.58	11.28	12.71	13.19
70 "	3.66	3.99	5.02	6.10	7.25	8.56	12.90	14.54	15.11
80 "	3.95	4.33	5.50	6.74	8.04	9.55	14.50	16.39	17.04
90 "	4.23	4.67	5.98	7.38	8.84	10.54	16.11	18.23	18.96
100 "	4.51	5.01	6.46	8.02	9.64	11.51	17.71	20.07	20.87

If it is necessary to write to us:

On Fully Paid Orders, we return your original order papers. Please check all explanations on the order and related papers. If you do write, please return all order papers, invoice, and related papers. If you do not have the order papers, please give us the complete stock number, quantity and description of the item in question and be sure you have

given us the same name and address that appeared on your order.

On Easy Pay Orders—Be sure you mention your EP Account number.

IMPORTANT—If sending in a new order, please write all correspondence or remarks not related to your order on a separate sheet of paper. This will speed handling of both your order and your inquiry.

## HOW TO RETURN MERCHANDISE

By Parcel Post—Place all order papers, correspondence, and your instructions, in an envelope INSIDE your package. On the outside of the package, mark "FIRST CLASS MAIL ENCLOSED" and add the additional amount of first class postage for the enclosure. If parcel was received damaged, be sure you receive a report from your postman and

enclose with papers.

By Express—If your shipment is received damaged, obtain a report from your express agent and mail to us. Wait until you receive our instructions on how to return. NOTE—Merchandise not regularly stocked that has been ordered special for you is NOT returnable for refund or exchange.

## PARCEL POST RATES FOR ALL ZONES

Subject to post office rate changes

WEIGHT IN LBS.	LOCAL	ZONES							
		1-2 UP TO 150 MILES	3 150 TO 300 MILES	4 300 TO 600 MILES	5 600 TO 1,000 MILES	6 1,000 TO 1,400 MILES	7 1,400 TO 1,800 MILES	8 OVER 1,800 MILES	
1	\$0.18	\$0.23	\$0.23	\$0.24	\$0.26	\$0.28	\$0.30	\$0.32	
2	.20	.27	.29	.31	.36	.40	.46	.51	
3	.21	.31	.34	.38	.45	.52	.61	.69	
4	.23	.35	.39	.45	.54	.64	.76	.87	
5	.24	.39	.44	.52	.63	.76	.91	1.05	
6	.26	.43	.49	.59	.73	.88	1.06	1.23	
7	.27	.47	.54	.66	.82	1.00	1.22	1.41	
8	.29	.51	.60	.73	.91	1.12	1.37	1.59	
9	.30	.55	.65	.80	1.00	1.24	1.52	1.77	
10	.32	.59	.70	.87	1.10	1.36	1.67	1.95	
11	.33	.63	.75	.93	1.19	1.48	1.82	2.13	
12	.34	.67	.80	1.00	1.28	1.60	1.98	2.31	
13	.36	.71	.85	1.07	1.37	1.72	2.13	2.49	
14	.37	.75	.90	1.14	1.47	1.84	2.28	2.67	
15	.39	.79	.96	1.21	1.56	1.96	2.43	2.85	
16	.40	.83	1.01	1.28	1.65	2.08	2.58	3.03	
17	.42	.87	1.06	1.35	1.74	2.20	2.74	3.21	
18	.43	.91	1.11	1.42	1.84	2.32	2.89	3.39	
19	.45	.95	1.16	1.49	1.93	2.44	3.04	3.57	
20	.46	.99	1.21	1.56	2.02	2.56	3.19	3.75	
FOR EA. ADDED LB. ADD	2c	4c	5c	7c	9c	12c	15c	18c	

## INSURANCE

Parcel Post Insurance Rates

up to 10.00	.10	50.01 to 100.00	.30
10.01 to 50.00	.20	100.01 to 200.00	.40

## ORDERS FROM OUTSIDE THE CONTINENTAL LIMITS OF THE UNITED STATES

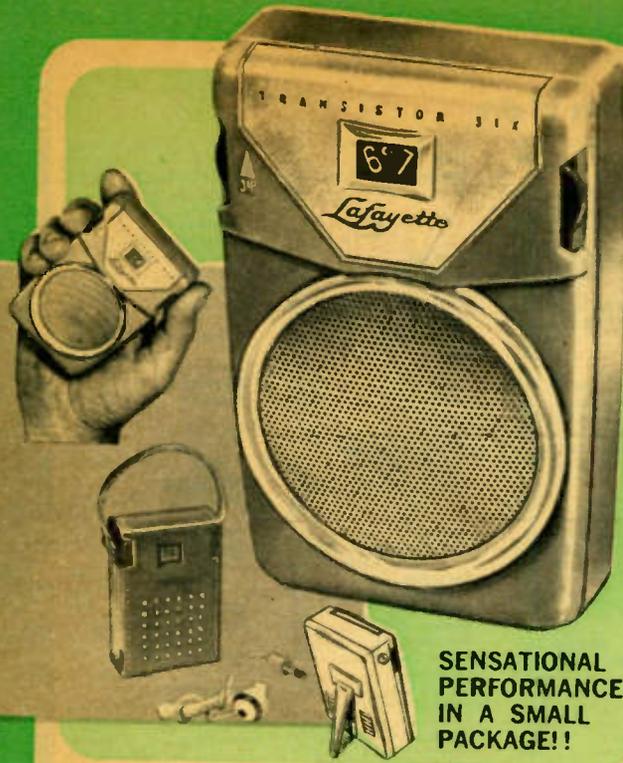
Prepare your orders for foreign shipment the same as for any other order. Mark order attention EXPORT DEPARTMENT. The order should be paid either by confirmed, irrevocable letter of credit, or by a remittance on a New York bank, and should include enough to cover shipping, insurance, and consular expenses. Add 20% of order value for export handling and international postage. Allow slightly more for heavy items. We refund every cent not used. Prices are net FOB, our Jamaica, New York warehouse. Prices are subject to change without notice. Items marked "Postpaid" refer only to shipments made to points within the eight U.S. Postal Zones, including Alaska and Hawaii.

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# IT'S A WINNER!

## NEW LAFAYETTE "TINY" 6-TRANSISTOR RADIO

- 6 ULTRA-MODERN TRANSISTORS PLUS GERMANIUM DIODE
- VEST POCKET SIZE—ONLY 4" H X 2 1/2" W X 1 1/4" D
- EARPHONE JACK BUILT IN FOR PRIVATE LISTENING
- FULL TONE DYNAMIC SPEAKER
- BUILT-IN FERRITE BAR ANTENNA
- TROUBLE-FREE PRINTED CIRCUIT
- SUPERHETERODYNE CIRCUIT
- RUGGED PLASTIC CASE
- ECONOMICAL—USES ONLY ONE BATTERY

**SENSATIONAL PERFORMANCE IN A SMALL PACKAGE!!**

REGULAR \$48.50

**24<sup>95</sup>**

5.00 Down  
INCLUDING EARPHONE  
BATTERY AND  
CARRYING CASE

### THE PERFECT COMBINATION

Lafayette FS-206 "Tiny" Transistor Radio and SK-144 Cordless Radio Enclosure. Shipping weight 6 pounds. FS-205 5.00 Down \$29.95

**29<sup>95</sup>**

Engineered and constructed with the jewel-like precision of a fine watch . . . true superhet circuit with push-pull audio output powers either the built-in dynamic speaker or the personal-type earphone. The trouble-free printed circuit utilizes six ultra modern transistors plus germanium diode. Super sensitive . . . built-in ferrite-rod antenna brings in distant stations like locals. High on power, low on battery drain . . . employs single long-life standard 9 volt battery for economical service.

Housed in smartly designed black and gold case of rugged, durable plastic. Soft leather carrying case with attached earphone pouch. "On-off-volume control plus large easy to read tuning dial. Covers 5.50-

1600Kc. Just 4" H x 2 1/2" W x 1 1/4" Thick and weighing a mere 10 ounces—a true purse/pocket portable. Lafayette "Tiny" 6-Transistor Radio—including battery, carrying case, and earphone for personal listening . . . all at an unbelievably low price! Shpg. wt., 2 lbs.

FS-206 "Tiny" 6-Transistor Radio . . . . . Net 24.95

### EXTRA BATTERY FOR "TINY" TRANSISTOR RADIO

Burgess 2U6 type (1-required) Shipping wt., 2 oz.

BA-178 . . . . . Net .95

### USE YOUR "TINY" TRANSISTOR RADIO AS A CORDLESS HOME TABLE RADIO

Just think . . . simply by combining this handsome speaker unit with your FS-206 "Tiny" Transistor Radio, you have an attractive Cordless Transistor Table Radio. The large 4" speaker provides a sound quality that is equal or superior to the best table radios. Beautifully styled and finished in an attractive cherry mahogany wood, this unit is perfect for use anywhere in your home . . . an excellent table radio or simply by unplugging the FS-206 you have a pocket size portable. Size: 8" H x 10 1/2" L x 4" D. Shipping weight 4 lbs.

SK-144 Cordless Radio Enclosure . . . . . Net \$6.95



ENCLOSURE ONLY **6.95**

### NEW! LAFAYETTE "B" BATTERY ELIMINATOR AND CHARGER FOR TRANSISTOR RADIOS

**2<sup>95</sup>**

This simple "B" battery and eliminator has provision for replacing snap terminals on all 9-volt transistor batteries. Now when indoors you can operate your portable transistor set on regular 110V AC house current without using up your expensive "B" battery. . . . Best of all you may also recharge your used battery for many extra hours of use. Complete with AC cord and assorted snap terminals to fit all 9-volt transistor batteries. Size: 3 1/2" W x 3 3/8" H x 2 1/2" D. Shpg. wt., 1 lb.

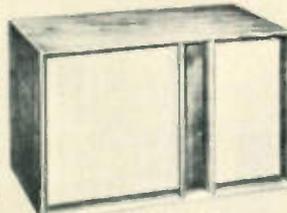
F-481 . . . . . Net 2.95



# ELECTRO-VOICE LOW-RESONANCE SYSTEMS

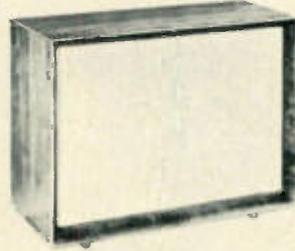
ULTRA-COMPACT SYSTEMS DESIGNED FOR STEREO

*Outstanding reproduction — compact in size. E-V engineers have developed a series of bass speakers that provide optimum efficiency and bass-range extension — even though enclosed in relatively small, sealed cabinets. The use of diffraction horns with treble and VHF drivers in these systems (a wide-angle cone speaker is used in the Leyton) assures extended response and wide dynamic range over the greatest possible listening area. Only E-V brings you the all-important FUSION. All cabinets are custom-crafted of select hardwood veneers, with lustrous hand-rubbed finishes to meet the most discriminating standards. Whether starting from scratch or converting to stereo, the E-V Low-Resonance systems will meet your demand for full-range superlative sound.*



**Regal III** This system has been designed to provide the finest reproduction possible in a modest size. Employs a specially designed 12" super-low-frequency driver with 3 lb. magnet, treble driver, and VHF driver. Response from 35 to 19,000 cps. Complete with 2 level controls and crossover. Size: 12½ x 25 x 14". Shpg. Wt., 32 lbs.

GB-55WX Mahogany finish	14.45 Down	Net 144.55
GB-56WX Walnut finish	14.45 Down	Net 144.55
GB-57WX Limed Oak finish	14.45 Down	Net 144.55



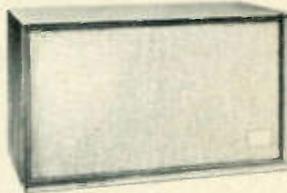
**Royal 400** Phenomenal response from the most luxurious low-resonance system available. One complete additional octave of bass is obtained from the special 18" woofer. Provides great power handling capacity. Full 3-way system featuring 18" woofer, 8" cone mid-range in totally isolated cavity, crossing over at 3500 cps into compression VHF driver with integral diffraction horn. Response 30 cps to 19 KC. Size: 25¼ x 15 x 27¼". Shpg. wt., 103 lbs.

GB-52WX Mahogany finish	24.45 Down	Net 244.51
GB-53WX Walnut finish	24.45 Down	Net 244.51
GB-54WX Limed oak finish	24.45 Down	Net 244.51



**The Leyton** Top performance on your bookshelf from this new modestly-priced system utilizing a special 12" high-compliance low-frequency driver and matched 8" high-frequency unit. Size: 24 x 12 x 14½". Shpg. Wt., 29 lbs.

GB-62WX Mahogany finish	8.28 Down	Net 82.81
GB-63WX Walnut finish	8.28 Down	Net 82.81
GB-64WX Unfinished birch	7.40 Down	Net 73.99



**Esquire 200** An economical version of the popular Regal III. Includes special 12" low-frequency driver which crosses over at 1000 cps into an 8" cone driver. From 3500 cps, a VHF compression driver with diffraction horn is used. Frequency response from 40 cps to 19 KC. 8 ohms impedance. Size: 13½ x 25 x 14". Shpg. Wt., 32 lbs.

GB-58WX Mahogany finish	10.93 Down	Net 109.27
GB-59WX Walnut finish	10.93 Down	Net 109.27
GB-60WX Limed oak finish	10.93 Down	Net 109.27
GB-61WX Unfinished birch	9.75 Down	Net 97.51

## ELECTRO-VOICE STEREOONS FOR THREE-CHANNEL STEREO

**A** new kind of loudspeaker system is presented to solve the space problem for stereo. The Stereon Stereo System is simple, effective, space conserving and low in cost.

No stereo effect exists when listening to sounds below 300 cps. This principle is made use of in the E-V Stereon System, whereby all the bass from both recorded channels is properly phased and

directed to the full-range speaker system through the Model XT-1 stereo mixer transformer. The upper ranges, in addition to feeding the center speaker, also feed their respective stereoons positioned on either side.

The 3-channel stereo vastly increases the stereo area. More listeners can enjoy the full dimension of stereophonic high-fidelity sound.

### SPACE-SAVING STEREOONS FOR 3-CHANNEL STEREO

**Stereon 100** — Complete system for use with E-V Leyton or similar low resonance systems. Shpg. Wt., 10 lbs.

GB-67W Walnut finish	5.00 Down	Net 33.81
GB-68W Mahogany finish	5.00 Down	Net 33.81
GB-69W Unfinished birch	5.00 Down	Net 33.81

**Stereon 300** — Complete system for use with E-V Esquire, Regal, Royal or similar low resonance systems. Shpg. Wt., 20 lbs.

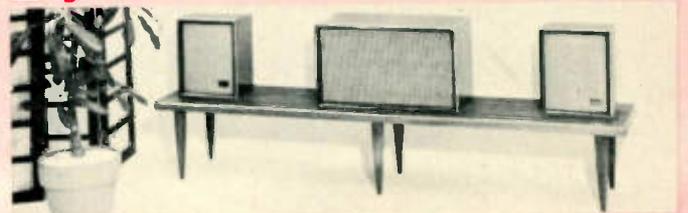
GB-70WX Walnut finish	5.00 Down	Net 48.51
GB-71WX Mahogany finish	5.00 Down	Net 48.51
GB-72WX Limed oak finish	5.00 Down	Net 48.51
GB-73WX Unfinished birch	5.00 Down	Net 48.51

GS-40 Stereo Mixer Transformer. Shpg. Wt., ½ lbs. Net 13.23

511 Stereo Wiring Harness. Convenient special wiring harness for hooking up 3-channel stereo system. Up to 30 feet. Shpg. Wt., 2 lbs. Net 4.90

GS-51

### E-V ESQUIRE PANASOUND SYSTEM



An application of E-V's recently developed 3 channel Stereo Mixer Transformer XT1 which recreates the center channel implicit in every 2 channel stereo recording. Consists of one Esquire low resonance full-range system and two Stereon 300's, plus the XT1 mixer. Shpg. Wt., 75 lbs.

GB-74WX	21.90 Down	Net 219.03
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# Lafayette QUALITY HI-FI KITS

**\* ENGINEERED FOR EASIEST BUILDING**

Lafayette kits require no technical experience. The "beginner tested" simplified instruction manuals are the clearest and most complete available.

**\* UNEXCELLED QUALITY**

Advanced circuitry and premium-quality. Components assure superlative performance, unsurpassed by professional factory-wired units.

**\* GREATEST HI-FI VALUES**

You save up to 50% or more by assembling your own Hi-Fi kit — You can afford the best and have real fun building too!

**\* ELEGANT CUSTOM STYLING**

Lafayette kits are professionally designed with a universal appeal which enhances the decor of the finest home furnishings.

**UNCOMPROMISING DESIGN**  
**INCOMPARABLE PERFORMANCE**  
**UNQUESTIONABLE ECONOMY**



**KT-2**  
**50-WATT**  
**COMPLETE STEREO**  
**AMPLIFIER. 64.50**

**KT-600 STEREO PREAMPLIFIER & MASTER AUDIO CONTROL CENTER 79.50**



**KT-500 FM-AM STEREO TUNER 74.50**



**MONEY-BACK GUARANTEE**

*Lafayette Kits are exclusive products of Lafayette Electronics. Each Lafayette Kit must meet or exceed its published specifications, or your money is refunded in full.*

LAFAYETTE KITS ARE AVAILABLE  
 ON THE EASY PAY PLAN  
 ONLY 10% DOWN

For Complete Selection of Lafayette Hi-Fi Kits, See High Fidelity Kit Pages of Catalog