

The **NEW**
RADIO and ELECTRONIC
CATALOG

Walter Puke

1948

OF COURSE THE . . .

Walter Ashe

RADIO CATALOG FOR 1948

Is Streamlined for Speed!

Proven



A BRAND NEW ¹IDEA

that considers customer convenience first! Everything is amazingly easy to find. Not only do we have an alphabetical heading at the top of each page, but each class of items are all grouped together for ease of locating. Example: if a customer wants a socket, they will all be on one page or adjoining pages. It won't be necessary to put a marker in the book and look at 4 or 5 pages to make a choice. This is definitely the most usable catalog ever issued.



HOW TO ORDER

Please use our Order Blanks whenever possible when you order by mail. Extra Order Blanks will be sent upon request and are packed with your order. For extra speedy service, you may phone your order by calling Chestnut 1125. We will ship your order out the same day received. To order, type or print your name and address plainly and specify method of shipment, write in the items you desire and mail to us. If you remit too much money, the balance will be promptly refunded. Standard Manufacturer guarantee applies to all items listed. All specifications in this catalog are Manufacturer's and are subject to change without notice. Where question of guarantee is involved, final decision rests with the manufacturer.

ALL PRICES IN THIS CATALOG, UNLESS OTHERWISE STATED, ARE NET WITH 2% CASH DISCOUNT DEDUCTED.

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. IF PRICES ARE REDUCED, YOU WILL BE GIVEN THE BENEFIT OF THIS REDUCTION.

ALL PRICES F.O.B. ST. LOUIS, MISSOURI.

LOWEST TERMS AVAILABLE ON OUR NEW DEFERRED PAYMENT PLAN, AND . . . LIBERAL TRADE-IN ALLOWANCES FOR YOUR OLD RECEIVER OR TEST EQUIPMENT.

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Now! PARK FREE WHILE SHOPPING

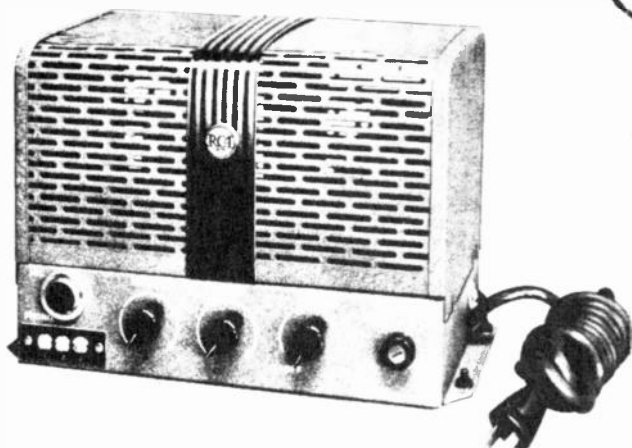
at

Walter Ashe

A NEW SERVICE FOR ALL CUSTOMERS

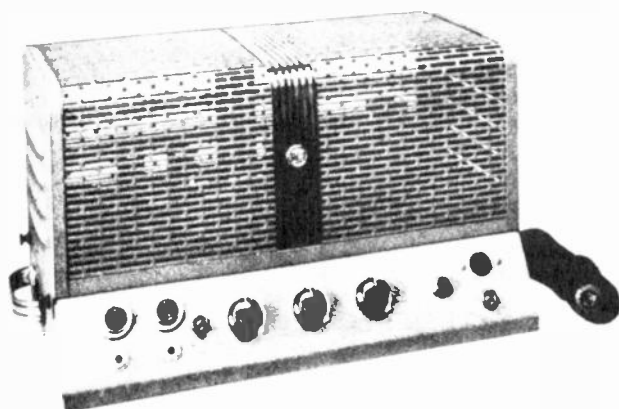
NO PUBLIC OR ALL DAY PARKING



A**PACKAGE****THE RCA 6 WATT AMPLIFIER**

A low cost dependable amplifier for small PA systems, paging, window demonstrations, etc. Inputs: high impedance microphone, high or low impedance phonograph. Tone control. Output: 4, 7½ and 15 ohms. Frequency response, 40-10000 C.P.S. 117 Volts, 50/60 cycles.

No. MI-12237 Complete with tubes Net \$ 36.57
No. MI-12239 Low imp. Complete with tubes 40.78

THE RCA 25 WATT AMPLIFIER

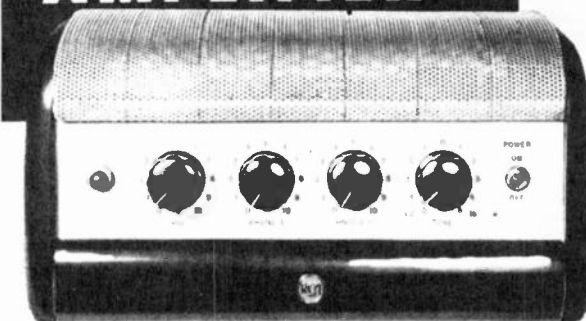
Tested and proven product offering the maximum in versatility, ease of operation and dependability in a low price field. Two inputs with separate volume controls. Use 2 mikes or 1 mike and 1 phono. Tone control. Speech-Music switch. Frequency range, 30-7000 C.P.S. 117 volts, 50/60 cycle operation. Hi-imp. input.

No. MI-12224 Complete with tubes Net \$ 70.59

20 WATT HIGH GAIN AMPLIFIER

Designed and built especially for use wherever a high impedance phonograph or single high impedance microphone, provision for remote volume control and multiple speaker outlets are desired. Adaptable to uses in stores, clubs, restaurants, phonograph amplifiers, replacement for coin operated amplifiers, etc. Includes enclosed relay for plate power control. Built in volume control is frequency compensated for various output levels. Provision is made for plugging in remote volume control which may be located some distance from amplifier. Has single high impedance input. Separate bass and treble tone controls. Provision for standby operation - Tubes heated but negligible power consumed when idle. Frequency response, 50-7000 C.P.S. Load impedance, 2 to 4 ohms. 8 and 250 ohms available but not brought out. 117 volts, 50/60 cycle operation.

No. MI-6599 Complete with tubes Net \$ 54.59

**SOUND****RCA 15 WATT
De Luxe
AMPLIFIER**

MI-12295

15 WATT DELUXE AMPLIFIER

Modern styling at its best. Ideal medium power high gain amplifier for general use. Output 15-21 watts, three high impedance inputs. Output impedance 4, 8, 15, 60, 250 ohms. Frequency response 50-10000 cycle. Tone control. Inverse feedback circuit. 7 tubes. Finish, Satin Chrome and Black. 117 volts, 50/60 cycles.

No. MI-12295 High imp. model complete with tubes Net \$ 65.06

No. MI-12299 Same as above but has 250 ohm low imp. microphone input \$ 76.03

**RCA 30 WATT
De Luxe
AMPLIFIER**

MI-12296

30 WATT DELUXE AMPLIFIER

Full 30 watt deluxe amplifier with 4 input channels: 2 microphones, 1 phonograph, 1 additional microphone or phonograph input. Output impedance 4, 8, 15, 60, 250 ohms. Frequency response 50-10000 cycles. Tone control. Inverse feedback circuit. 117 volts, 50/60 cycle operation. Finish, Satin Chrome and Black.

No. MI-12296 Complete with tubes Net \$ 85.91

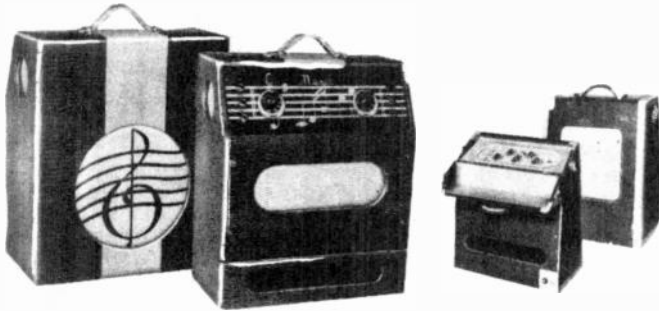
No. MI-12298 Low impedance model complete with tubes \$ 99.99

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI



MASCO SOUND SYSTEMS MUSICAL INSTRUMENT AMPLIFIERS



5 WATT TYPE.
2 inputs, HD 8" speaker. Attractive carrying case. Complete with tubes.
Model MAP-105N. NET \$ 29.97

12 WATT TYPE.
2 inputs, HD 10" speaker. Master volume control, tone control. Panel indicator light. Attractive carrying case. Complete with tubes.
Model MAP-120N. NET \$ 45.00

15 WATT TYPE.
Peak power 25 watts, 3 inputs. Separate volume and tone controls. HD 12" speaker. Frequency response 50-12000 CPS. Two-tone carrying case. Complete with tubes.
Model MAP-15N. NET \$ 55.50

18 WATT TYPE.
Peak power 27 watts. 3 inputs; instrument or mike separate input controls, individual bass and treble controls. HD 12" speaker. Frequency response 50-12000 CPS. Beautiful blue and grey covering. Hinged cover on control panel. Complete with tubes.
Model MAP-18. NET \$ 74.70

SCHOOL SYSTEMS



SCHOOL SYSTEM.
Combined inter-communication and centralized control sound system. Two-way conversation, simultaneous or selective paging. Provides for up to 24 rooms external phono provision. Uses 28 watt amplifier. 24 room system complete with tubes.
Model MS-24. NET \$ 101.70

SYSTEMS FOR 6, 12 OR 18 ROOM INSTALLATIONS AVAILABLE. PRICES ON APPLICATION.

THORDARSON AMPLIFIERS

8 WATT MODEL

Output power 8 watts. Two inputs; one mike, one phono. Tone control. Frequency response 50-10000 CPS. Inverse feedback circuit. Output impedances, 4-8-15-125-250-500 ohms. Complete with tubes less cover.

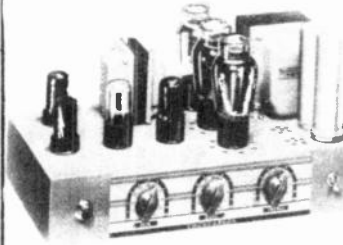
Model T-30W08A Net \$ 32.34



HIGH-FIDELITY MODELS

Works with all FM-AM tuners. 10 watts output. Two inputs; one mike, one phono. Dual tone controls. Frequency response 40-15000 CPS. Output impedances, 4-8-15-125-250-500 ohms. Complete with tubes.

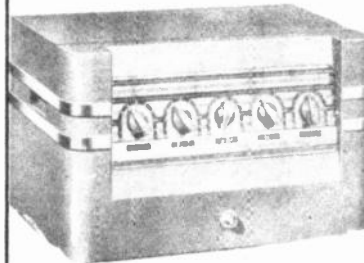
Model T-31W10A Net \$ 64.68



Same as above but with volume expansion. 50-10000 C.P.S. 500 ohm input, Vari-tap output. Tone compensation circuit not included.

No. T-31W11 Completely wired with tubes Net \$ 64.68

Kit of above parts with tubes, unwired Net \$ 44.10



25 WATT MODEL

Output power 25 watts. Three inputs; two mike, one phono. Dual tone controls. Frequency response 30-15000 CPS. Multiple inverse feedback circuit. Output impedances, 4-8-15-125-250-500 ohms. Complete with tubes.

Model T-31W25A Net \$ 67.62

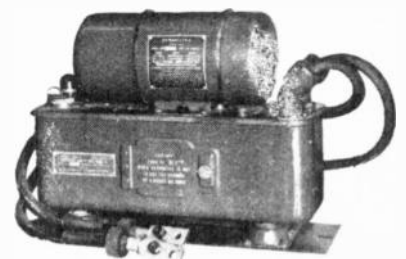
20 WATT MOBILE SYSTEM



Output power 20 watts. Will operate from 110 VAC or 6 VDC, (battery drain 23 amp.). Can be used in all mobile or fixed installations. Rugged turntable motor, crystal pickup. Two inputs; one mike, one phono. Tone control. Response 40-15000 CPS. Output impedances, 4-8-15-125-250-500 ohms. Complete with tubes.

Model T-31W20A Net \$ 97.02

See SPECIAL section of catalog for full information on this item. DON'T MISS IT.



AMPLIFIERS**MASCO**
SOUND
SYSTEMS

MODEL MA-8N.
8 Watts output, 13 Watts peak. Inputs, two: 1 mike, 1 phono. Output, 3.2-8-500 ohms. Frequency response 50-10000 CPS. Controls, three: 1 mike, 1 phono, 1 tone. Tubes, 4. Less cover, tubes and connectors.

	NET	\$ 23.85
Cover for above,		2.70
Kit of tubes,		5.16
Kit of plugs and connectors.		1.11

MODEL MA-17N.
17 Watts output, 26 Watts peak. Inputs, three: 2 mike, 1 phono. Output, 4-8-15-125-250-500 ohms. Frequency response 50-12000 CPS. Controls, five: 2 mike, phono, bass, treble, on-off switch. Tubes, 6. Less tubes & connectors.

	NET	\$ 38.85
Kit of tubes,		9.06
Kit of plugs and connectors.		1.65

MODEL MA-25N.
25 Watts output, 40 Watts peak. Inputs, four: 3 mike, 1 phono. Output, 4-8-15-125-250-500 ohms. Frequency response 50-15000 CPS. Controls, six: 3 mike, phono, bass, treble, on-off switch. Tubes 9. Less tubes and connectors.

	NET	\$ 49.05
Kit of tubes,		15.09
Kit of plugs and connectors,		1.98

MODEL MA-35N.
35 Watts output, 50 Watts peak. Inputs, four: 3 mike, 1 phono. Output 4-8-15-125-250-500 ohms. Frequency response 50-15000 CPS. Controls, six: 3 mike, phono, bass, treble, on-off switch. Tubes, 11. Less tubes & connectors.

	NET	\$ 61.30
Kit of tubes,		16.65
Kit of plugs and connectors		1.98

MODEL MA-50N.
50 Watts output, 70 Watts peak. Inputs, five: 4 mike, 1 phono. Output 4-8-15-125-250-500 ohms. Frequency response, 50-15000 CPS. Controls, seven: 4 mike, phono, bass, treble, on-off switch. Tubes, 13. Less tubes & connectors.

	NET	\$ 77.70
Kit of tubes,		21.51
Kit of plugs and connectors,		2.67

MODEL MA-75N.
75 Watt output, 125 Watts peak. Inputs, five: 4 mike, 1 phono. Output 4-8-15-125-250-500 ohms. Frequency response 50-15000 CPS. Controls, seven: 4 mike, phono, bass, treble, on-off switch. Tubes, 14. Less tubes & connectors.

	NET	\$ 98.70
Kit of tubes,		22.71
Kit of plugs and connectors,		2.67

ALL AMPLIFIERS LISTED ABOVE OPERATE
ON 105-125 VAC. 60 CY.

HI-FIDELITY AMPLIFIERS

12 WATT HIGH-FIDELITY AMPLIFIER.
2 Types available: with or without variable expander. Frequency response ± 2 DB to 15000 CPS. Two input channels. Separate bass and treble controls. Five tubes. Output, 2-4-8-15-500. Standard type, with cover, connectors and tubes.

Model MA-12HF.	NET	\$ 41.01
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Expander type, with cover, connectors and tubes.
Model MA-12EX. NET \$ 42.60

25 WATT HIGH-FIDELITY AMPLIFIER.
2 Types available: with or without variable expander. Six tubes. Other specifications same as 12 watt models. Standard type, with cover, connectors and tubes.

Model MA-25HF.	NET	\$ 72.96
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Expander type, with cover, connectors and tubes.
Model MA-25EX. NET \$ 75.00

BOOSTERS

50 WATT TYPE.
Peak power 70 watts. Zero-level input. Designed for parallel operation. Install in rack or table mounting. Inputs, 500 ohms, balanced or unbalanced line. Freq. response 50-15000 CPS. Output, 4-8-15-125-250-500. Controls, Master gain, off-on switch. Complete with tubes and plugs.

Model MB-50N.	NET	\$ 77.01
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75 WATT TYPE
Peak power 125 watts. Other specifications same as Model MB-50N. Complete with tubes and plugs.

Model MB-75.	NET	\$ 95.46
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DRIVER PRE-AMPLIFIERS.
Power output, 1.9 V. across 500 ohm line. Inputs, 5: 4 high gain, 1 mike, 1 phono, all separately controlled. Individual bass and treble equalizers. Frequency response 50-15000 CPS. Output, 500 ohm balanced or unbalanced line. Complete with tubes and connectors.

Model DR-5.	NET	\$ 53.85
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PORTABLE SYSTEMS



MASCO
SOUND
SYSTEMS

8 WATT PORTABLE SYSTEM.

Uses MA-8N amplifier. Complete with cover, tubes, carrying case, HD 10" speaker, 25' speaker cable and plugs.

Model MAS-8N. NET \$ 55.17

17 WATT PORTABLE SYSTEM.

Uses MA-17N amplifier. Complete with tubes, carrying case, 2 HD 10" speakers, two 25' speaker cables and plugs.

Model MAS-17N. NET \$ 93.06

25 WATT PORTABLE SYSTEM.

Uses MA-25N amplifier. Complete with tubes, carrying case, 2 HD 12" speakers, two 25' speaker cables and plugs.

Model MAS-25N. NET \$ 113.07

35 WATT PORTABLE SYSTEM.

Uses MA-35N amplifier. Complete with tubes, carrying case, 2 HD 12" speakers, two 25' speaker cables and plugs.

Model MAS-35N. NET \$ 130.68

17 WATT PORTABLE SYSTEM WITH PHONO-TOP.

Uses MA-17PN amplifier. Complete with tubes, carrying case, 2 HD 10" speakers, two 25' speaker cables and plugs.

Model MAS-17PN. NET \$ 106.56

25 WATT PORTABLE SYSTEM WITH PHONO-TOP.

Uses MA-25PN amplifier. Complete with tubes, carrying case, 2 HD 12" speakers, two 25' speaker cables and plugs.

Model MAS-25PN. NET \$ 125.82



17 WATT PHONO-TOP AMPLIFIER.

Uses MA-17N amplifier and incorporates a phono motor and pickup. 78 RPM. Complete with tubes and connectors.

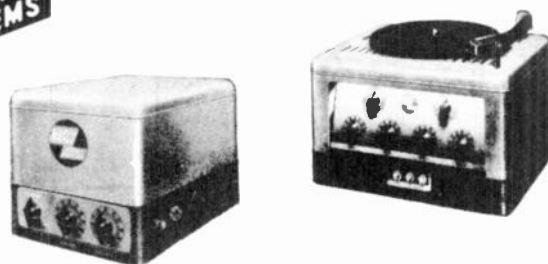
Model MA-17PN. NET \$ 61.11

25 WATT PHONO-TOP AMPLIFIER.

Uses MA-25N amplifier and incorporates a phono motor and pickup. 78 RPM. Complete with tubes and connectors.

Model MA-25PN. NET \$ 78.87

MOBILE AMPLIFIERS



10 WATT MOBILE AMPLIFIER.

6 VDC-117 VAC. Universal bracket allows under dash mounting. Two inputs: 1 mike, 1 phono. Five tubes. Output, 3.2, 8, 15 ohms. Battery drain 7 amps. Battery saver switch on panel. AC wattage 60. Size 7 1/2" x 6" x 6". Complete with tubes and connectors.

Model MC-10. NET \$ 43.44

REMOTE CONTROL FOR MODEL MC-10/

Units clamp on steering post. 6 ft. cable.

Model RCM. NET \$ 8.25

25 WATT MOBILE AMPLIFIER.

6 VDC-117 VAC. For all portable uses. Four inputs: 3 mike, 1 phono. Frequency response 50-15000 CPS. Controls, six: 3 mike, phono, bass, treble, motor battery saver switch. Tubes, 10. Output, 4-8-15-125-250-500 ohms. Complete with tubes and connectors.

Model MC-25N. NET \$ 97.77

25 WATT MOBILE AMPLIFIER WITH PHONO-TOP. Same as above but with phonograph top. Plays records at 78 RPM. Complete with tubes and connectors.

Model MC-25PN. NET \$ 106.17

Amplifier with Record Changer

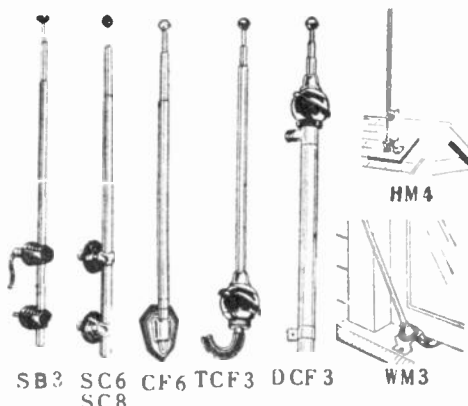


35 WATT AMPLIFIER WITH RECORD CHANGER.

Uses MA-35N amplifier. Plays 10" or 12" records. Accurate cycling action. Recommended for church tower applications, mortuaries, carnivals, schools, etc. Complete with tubes and connectors.

Model MA-35RCN. NET \$ 121.53

MIKES SUITABLE FOR USE WITH THESE SYSTEMS
WILL BE FOUND IN SECTION "MI" OF THIS
CATALOG.

AN**WARD Antennas**

SB-3 CHALLENGER.
3 section 66" side cowl. 36" leadin.

NET \$ 1.74

SC-6 AIR KING.
3 section 66" side cowl. 36" coax lead.

NET \$ 2.91

SC-8 LONG HANGER.
4 section 100" side cowl. 36" coax lead.

NET \$ 4.09

CF-6 FLEX-ANGLE.
3 section 68" side cowl. 36" coax lead.

NET \$ 3.21

TCF-3 EIGHT BALL.
Non-disappearing, 3 section 56" cowl
or fender. 36" coax lead.

NET \$ 3.15

DCF-3 PHANTOM.
Disappearing, 3 section 56" cowl or
fender. 36" coax lead.

NET \$ 3.68

WM-3 WINDOW MAST.

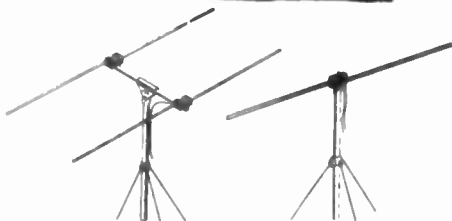
3 section, 8 ft. Collapsible to 42".
Simple installation for homes, apart-
ment, offices. Complete.

NET \$ 1.91

HM-4 HOUSE MAST.

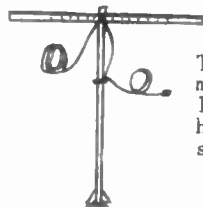
Also use for car installations, 4
section, 12 ft. Collapsible to 47".
Cad. plated. Includes arrestor, 60
ft. leadin wire, ground clamp, knobs,
etc.

NET \$ 4.38

AMPHENOL**DIPOLE ANTENNA**

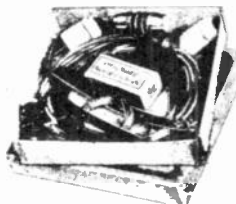
Type 107-114 for FM-AM-Television
88-106 MC. Less 300 ohm twinlead.
NET \$ 4.08

Type 107-113 with reflector array.
88-106 MC. Less 300 ohm twinlead.
NET \$ 6.90

**AMPHENOL
ALL-WAVE ANTENNA**

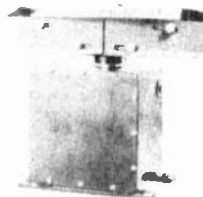
Type 124-001, all wave
model, 500 KC through
108 MC. Complete with
hardware, leads and in-
structions.

NET \$17.49

Philmore Aerial Kit

- 1 coil 7-26-50 ft. strand
ed copper aerial wire
- 1 Coil 25 ft. rubber
covered lead-in wire
- 1 Ground Clamp
- 1 Lead-in strip
- 2 Porcelain insulators
- 2 Nail-it knobs
- 1 Instruction sheet

NET .98

Direct-O-Beam

Continuous rotation with rotary
joint for 52 ohm coax feed. Built-
in matching transformer. Cast
aluminum weather proof housing.
115 VAC induction motor. Antenn
speed 1 1/6 RPM. Weight 35 lbs

Rotator, NET \$ 117.00
Indicator, 26.00
3 element 20 M. transformer 5.25
3 or 4 element 10 M. " 3.75

Wilcox Beam Rotator

WILCOX BEAM ROTATOR.

Lightweight aluminum. Supports 200
lbs. 1:1 ratio Rope or gear drive.
Ball bearing, requires no lubricat-
ion. Weight, 6 lbs.

NET \$15.95



"ROTOMOUNT"

Hand operated turntable for rotary
beams. 360 degree rotation. Plat-
form 10" x 12". Ball bearing. Will
handle heaviest beams. Duraluminum
pulleys, 6 ft. galvanized cable.

NET \$ 21.46

PREMAX

RB6309, 3 element beam. Adjustable
to 6-10-11 meters. All metal.
Weight, 30 lbs. Kit includes frame,
three pairs elements, insulators &
hardware. Less transmission line.

NET \$ 29.40

ELINCOR BEAMS

Model 400-EA. 3 element 10 meter beam,
folded dipole types for 51 ohm coaxia
with ladder.

Net \$ 30.58

Model 200-EA. 5 element beam for 2
meter ham band. All aluminum.

Net \$ 8.23

E. F. JOHNSON

JOHNSON "Q" ANTENNAS
COMPLETE SYSTEMS

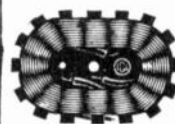
Type	Band	Net	Price
Type	Band	Net	Price
137-2Q	2	\$	4.12
137-6Q	6		6.17
137-10Q	10		5.73
137-20Q	20		9.70
137-40Q	40		16.46

ALUMINUM "Q" TUBING

Type	Band	Net	Price
136ST10	10	\$	2.65
136ST20	20		5.59
136ST40	40		10.58

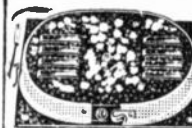
LIGHTNING ARRESTERS

Number	Net
650	Single \$.27
2650	Doublet .30

ICA TENNA-SCOPE LOOP.

For midgets or portab-
les. Eliminates neces-
sity of indoor or out-
door antenna. Replaces
the antenna coil. Eas-
ily assembled.

NET .73

ICA TENNA-SCOPE

New style built-in
tuned radio aerial.
Eliminates outside
aerial and ground.
Easily connected.
No. 4380 NET \$1.77

AC-DC ANTENNA HANKS

For all inside aerial
purposes.

NET \$.24

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

Electra



ELECTRO PRODUCTS LABORATORIES

Connect farm and portable sets to AC. 110 VAC input.

For 4-6 tube 1½ volt sets.
Model "P" NET \$ 8.82

For 4-6 tube 1½ volt sets. Uses Selenium Rectifier.
Model "S" NET \$ 9.85

For 4-7 tube 2 volt sets.
Model "F" NET \$11.14



Provides two 6 volt sources, 1½ amps each or 3 amps in parallel.

Model "B" Net \$11.97



BATTERY PLUG KITS

#BP-100 Kit of 100 asst. NET \$7.33

#BP-50 Kit of 50 asst. NET \$3.25



GRID BIAS CELLS & HOLDERS

	Cells	Net
Type BC-1	1 volt	\$.24
Type BC-2	1½ volt	.24



	Holders	Net
Type GB1B	1 cell cap.	.12
Type GB2	2 cell cap.	.15
Type GB3	3 cell cap.	.21
Type GB4	4 cell cap.	.24



EBY

INSULATED BINDING POSTS

#39 ENSIGN.

All molded bakelite, no marking on top. Non-removable top. 6/32 x 9/16 brass screw.

NFT each .22



ICA

BAKELITE BINDING POSTS
Removable head. N.P. Screw and knurled nut.

#617 Red NET \$.11
#618 Black .11



WARD

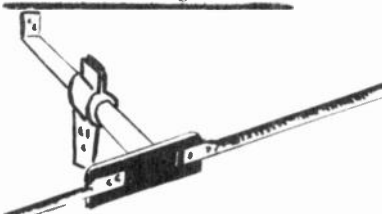
FM and Television Antennas

These aerials provide maximum electrical efficiency needed for finest reception. Weather-proof construction. Easy installation, trouble free operation.



FOLDED DI-POLE, especially designed for broader antenna tuning & matched impedance to 300 ohm line for maximum response and energy transfer.

Number		Net
FM-55	FM, 88-106 MC Range	\$ 6.03
TV-94	Television, 44-88 MC Range	\$ 7.06



REFLECTOR KITS for folded di-poles listed above, they provide maximum directional gain of desired signal, eliminate undesirable and interfering reflections. Kit consists of sturdy cross members with reflector di-pole and a specially designed "polarizer" connection for mounting.

Number		Net
FMR-63	FM Reflector Kit	\$ 3.09
TVR-92	Television Reflector Kit	3.79

OHMITE DUMMY ANTENNA RESISTORS



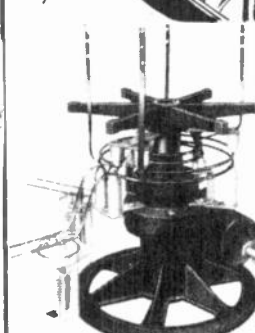
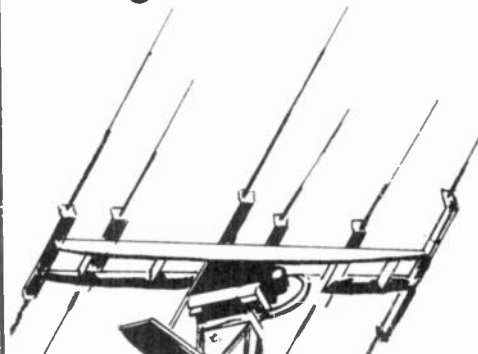
Non-inductive hermetically sealed. Used for final check before going on air, etc.

Number	Watts	Ohms	Net
D-100-13	100	13	\$ 4.97
D-100-18	100	18	4.97
D-100-34	100	34	4.97
D-100-64	100	64	4.97
D-100-73	100	73	4.97
D-100-100	100	100	4.97
D-100-146	100	146	4.97
D-100-219	100	219	4.97
D-100-300	100	300	4.97
D-100-400	100	400	4.97
D-100-500	100	500	4.97
D-100-600	100	600	4.97
D-250-73	250	73	8.96
D-250-600	250	600	8.96

AN-BA



SIGNAL SQUIRTER



A high efficiency 3 element 10-20 meter rotary beam antenna featuring unlimited rotation either direction, Inductostub coupling, deluxe rotator, positive solenoid lock, high front to back ratio, rigid low loss element easily tuned, non-resonant transmission line. Completely weather-proofed non-interfering motor and efficient precision ball and roller bearing. Weighs but 56 lbs. complete. 15" dia. base and top. for reversible operation on 117 volts 50/60 cycle.

Signal Squirter Kits

Number	Description	Net
140-005	Dual 10-20 Deluxe Kit, Complete	\$ 358.00
160-003	Deluxe Rotator only with inductostub	224.00
160-947	Direction Indicator only with Selsyn	28.00

Signal Squirter Tubing

140-907	Reeded tubing, 10 ft. x 1 1/8"	\$ 2.10
140-908	Reeded tubing, 10 ft. x 1 1/4"	2.50
160-967	Copper jumper strap	.24

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI



BURGESS



FLASHLIGHT AND LANTERN BATTERIES

Type	Volts	Description	Std. Pkg.	List	Net Ea.
2	1½	Flashlight	50	\$.10	\$.065
1	1½	Flashlight	12	.10	.065
Z	1½	Flashlight	12	.075	.05
2PF	1½	Photo Flash	12	.15	.10
F4H	6	Lantern	20	.70	.47
4F2H	3	Lantern	8	1.25	.84

"A" BATTERIES.

4F	1½	Universal Type	12	.90	.63
G3	4½	Universal Type	12	.66	.46
F4P1	6	Universal Type	12	.90	.63
6F	1½	Universal Type	6	1.25	.87
2F4L	6	Universal Type, Flat	6	1.80	1.26
G5	7½	Admiral 336-5N	6	1.10	.77
F4L	6	Flat Type	6	.90	.63

"B" BATTERIES

XX45	67½	Personal	12	2.45	1.71
M30	45	Universal Type	12	2.15	1.50
B30	45	Universal Type	12	2.15	1.50
A30	45	Universal Type	6	2.15	1.50
Z30	45	GE HB-402, 403	6	2.58	1.80
XX30	45	Camera Type Portable	12	1.75	1.23
A60	90	Detrola 282	6	4.35	3.05

"A-B" PACKS

G6B60	9, 90	Zenith 6G501, 505, 5G500R	6	5.35	3.74
G4B50	6, 75	Zenith 5G500, 501, 504	6	4.50	3.15
6TA60	1½, 90	Universal Type	10	5.15	3.60
4GA41	1½, 61½	Philco 41-81; 41-83	6	3.90	2.73
4GA42	1½, 63	Philco 81T, Detrola 303	10	3.50	2.46
G5A42	7½, 63	Philco 87	6	4.20	2.95
F4B60	6, 90	Zenith 5G401D, L, M, Y	6	4.70	3.30
6FA60	1½, 90	Philco 88T	5	4.80	3.35
F5A60	7½, 90	Philco 41-841; 41-851	6	3.65	2.54
5DA60	1½, 90	Universal Type	6	4.80	3.35
4FA60	1½, 90	Zenith 4K402, D, M, F, L	3	5.05	3.53
G4B60	6, 90	Firestone AC-DC	3	4.85	3.40
17GD60	1½, 90	Std. 4 prong pack (Farm)	1	7.50	5.62

IGNITION AND TELEPHONE

4FH	1½	Little-Six	20	.65	.44
4F2H	3	Twin-Six	8	1.25	.84
4F4H	6	Ignition	6	3.00	2.02
4F5H	7½	Ignition	6	3.50	2.45
4F6H	9	Ignition	6	4.15	2.91

"B" AND "C" BATTERIES

21308	45	Super Heavy Duty	6	3.32	2.48
10308	45	Heavy Duty	6	2.93	2.19
2308	45	Standard Size	6	2.40	1.80
5308	45	Industrial Type	10	2.15	1.50
Z30NX	45	Industrial Type	10	2.38	1.62
5156	22½	22½ B or C Battery	10	1.70	1.19
4156	22½	Small 22½ V. "B"	10	1.30	.91
5360	4½	C Battery	10	.43	.30
2370	4½	4½ V. "C" Battery	10	.75	.52
5540	7½	7½ V. "C" Battery	10	.90	.63

HEARING AID BATTERIES

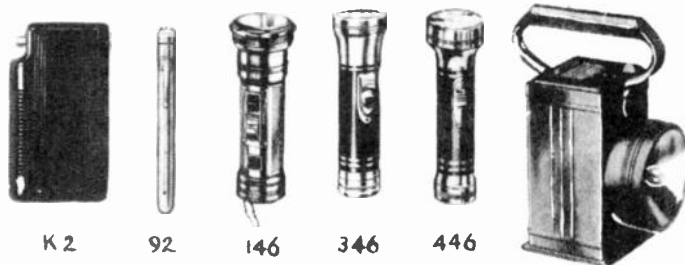
IES	1½	Metal Cap	10	.10	.07
2ES	1½	Metal Cap	12	.10	.07
TE	1½	2-Hole Socket	4	.25	.17
2ZE	1½	Metal Cap	10	.20	.13
CL	1½	Metal Cap	10	.15	.10
XX15E	22½	3-Hole Socket	10	1.25	.80
XX22E	33	3-Hole Socket	10	1.50	.96
XX30E	45	3-Hole Socket	20	1.75	1.15
K10E	15	Flat Contact	20	.79	.55
K15E	22½	Flat Contact	20	1.25	.88
K20E	30	Flat Contact	20	1.50	1.05
T2R	3	Universal Flex. Blk.	12	.70	.49
T3R	4½	Universal Flex. Blk.	12	.83	.58
T2WE	3	4-Hole Socket	12	.70	.49
T3WE	4½	4-Hole Socket	12	.83	.58

BURGESS

INDUSTRIAL BATTERIES

Type	Volts	Description	Std. Pkg.	List	Net Ea.
2FBP	1½	Tap 1½	10	.71	.48
F2BP	3	Tap 3	10	.71	.48
2F2BP	3	Tap 3	10	1.09	.73
2F2H	3	Tap 3	10	.90	.60
422	3		10	.31	.21
432	4½		10	.45	.31
532	4½		10	.45	.31
A15ST	22½	Tap 22½	6	1.60	1.07
A8BP	12	Tap 1½-3-9-10½-12	6	1.85	1.24

FLASHLIGHT CASES AND LANTERNS



Type	Description	List	Net
K2	Purse Light	\$.60	\$.42
92	Penlight (Enam. Ch.)	.83	.59
146	2 Cell, Prefocused	1.45	1.06
346	2 Cell, Baby Prefocused	1.25	.91
446	3 Cell, Prefocused	1.95	1.43
TW2	Focusing Twin-Six Lantern	2.85	1.99

Batteries not included.

MALLORY

Battery Chargers

All models include clamp-on dash receptacle. Fused. 110 AC input.

Model 6AC4, 6 volt, 4 Amp. batt. booster. Less meter.

Net \$ 9.12

Model 6AC6, 6 volt, 6 Amp. battery charger with charging meter.

Net \$ 12.39

Model 6AC10, 6 volt, 6 Amp. battery charger with charging meter.

Net \$ 16.96

Model 12AC5, 12 volt, 5 Amp. battery charger with charging meter

Net \$ 22.19



B-L AUTO RADIO FILTERPAC

Model 160C4ST Heavy duty "A" eliminator for demonstration or service. Quiet and reliable. Conservatively rated at 8-10 Amps. DC.

NET \$ 37.50



ELECTRONIC LABORATORIES

"A" ELIMINATOR PACK

Model 902 Heavy duty type. Supplies current for auto radio testing & demonstration. Output 6 volts DC, 10 amps. Input, 115 volts AC.

Net \$ 45.00

Model 976 Regular duty. Output, 6 VDC, 7 amps. Input, 115 VAC. Fused, (Not illustrated)

No. 902



Net \$ 20.97

WALTER ASHE RADIO CO.

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MANUALS

RADIO BOOKS

BO

ELEMENTARY THEORY

Title	Author	Net
Electric Fund. of Communications	Albert	\$4.00
Course in Radio Fundamentals	ARRL	.50
Primer of Electronics	Caverly	2.25
Radio Physics Course	Ghirardi	5.00
Principles of Radio	Henney	3.50
Basic Radio	Hoag	3.25
Principles of Electronics	Kloeffler	2.75
Elements of Radio	Marcus	4.00
Radio Manual	Sterling	6.50
Practical Radio & Electronic Course	Supreme	1.50
	(Set of Three)	3.95
Fundamentals of Radio	Terman	4.00
Elements of Electricity	Timbie	3.00
Understanding Radio	Watson & Welsh	2.80

INTERMEDIATE & ADVANCED THEORY & ENGR.

Communications Engineering	Everitt	5.50
Principles of Electrical Engr.	Blaylock	4.00
Reference Data & Radio Engineers Bk.	Federal Radio	2.00
Principles of Radio Engineering	Glasgow	4.50
Radio Engineers Handbook	Henney	6.00
Standard Handbook for Elect. Eng.	Knowlton	9.00
Electronics	Millman & Seeley	5.50
Radiotron Designers Handbook	RCA	1.00
Radio Engineering	Terman	6.00
Radio Engineers Handbook	Terman	7.00
Measurements in Radio Engineering	Terman	4.50

ELECTRON TUBES & INDUSTRIAL ELECTRONICS

Industrial Electronic Control	Cockrell	2.75
High Frequency Induction Heating	Curtiss	2.75
Fundamentals of Vacuum Tubes	Eastman	5.00
Electron Tubes in Industry	Henney	5.50
Graphic Constr. for Vac. Tube Circuits	Priesman	3.00
Theory & Application of Electron Tubes	Reich	5.50
Cathode Ray Tube at Work	Rider	4.00
Inside the Vacuum Tube	Rider	4.50
Photocells & Their Applications	Zworykin	3.00

RADIO MATHEMATICS

Mathematics for Radiomen & Electricians	Cooke	4.50
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ULTRA HIGH FREQUENCIES

High Frequency Techniques	Brainerd	5.00
High Frequency Measurements	Hund	5.50
Phenomena in High Frequency Systems	Hund	6.50
UHF Radio Simplified	Kiver	3.25
Introduction to Microwaves	Ramo	2.00
Microwave Transmission	Slater	4.00
Understanding Microwaves	Young	6.00

OPERATING PRACTICE

COMMERCIAL, AMATEUR & AERONAUTICAL

How to Become a Radio Amateur	ARRL	.25
Learning the Radiotelegraph Code	ARRL	.25
License Manual	ARRL	.25
Radio Direction Finders	Bond	3.50
How to Pass Radio License Exams.	Drew	3.25
Practical Radio Communications	Nilson & Hornung	6.50
Radio Code Manual	Nilson & Hornung	2.75
Radio Operating Questions & Ans.	Nilson & Hornung	3.50

F.M., TELEVISION & RADAR

Principles of Television Engineering	Fink	5.50
Television Standards	Fink	5.50
Frequency Modulation	Hund	4.50
Television Simplified	Kiver	6.00
Servicing Television Receivers	Philco	2.25
Radar - What It Is	Rider	1.00
FM	Rider	2.00
Cyclopedia of Television Facts	Supreme	.40
Television	Zworykin	6.00
FM Simplified	Kiver	6.00

GENERAL INTEREST NON-TECHNICAL

Radio for the Millions	Grossett & Dunlap	1.49
How to Make Good Recordings	Audio Devices	1.25
Electronics Today & Tomorrow	Mills	2.25
Sound Effects Book	Nat'l Hollywood	1.00

RADIO SERVICING

Modern Radio Servicing	Ghirardi	5.00
Radio Troubleshooters Handbook	Ghirardi	5.00
Principles & Pract. of Radio Serv.	Hicks	4.00
Service Encyclopedia	Mallory	1.25
Technical Manual	Mallory	2.00
Vibrator Guide	Mallory	1.00
Rider's Manuals		
Vol. I to V (Abridged)	Rider	17.50
Vol. VI, VII, VIII, IX, X, XI, XII, XIV ea.	Rider	15.00
Vol. XV	Rider	18.00
Vol. XVI	Rider	6.60
Complete Index for Rider's Manual	Rider	1.50
Alternating Current in Radio Recvrs.	Rider	1.25
Automatic Frequency Control	Rider	1.75
Automatic Record Changers	Rider	7.50
Automatic Volume Control	Rider	1.25
D.C. Voltage Distribution	Rider	1.25
Meter at Work	Rider	2.00
Oscillator at Work	Rider	2.50
Resonance & Alignment	Rider	1.25
Servicing by Signal Tracing	Rider	4.00
Servicing Recvrs. by Resist. Measurements	Rider	2.00
Servicing Superhetrodynes	Rider	2.00
Vacuum Tube Voltmeter	Rider	2.50
Photofacts Folder	Sams (Per Set)	1.50
Binder for Photofacts	Sams	3.39
Record Changer Manual	Sams	4.95
Dial Cord Replacement Book	Sams	.75
1926 - 38 Most Popular Diagrams	Supreme	2.50
1939, 1940, 1941, 1942, 1946, 1947	Supreme	2.00
Index to Radio Diagrams	Supreme	.25
1945-47 Post War Automatic Record Chngs.	Supreme	1.50
Arvin Manual	Supreme	.50
General Electric Manual	Supreme	.50
Stewart Warner Manual	Supreme	.50
How to Modernize Radios for Profit	Supreme	1.00
Principles of Public Address Systems	Supreme	.50
Radio Service Course Book	Supreme	2.50
Record Players & Recorders	Supreme	1.50
Simplified Radio Servicing by Comparison Method	Supreme	1.50
Amplifier Guide	Thordarson	.15
Elementary Radio Servicing	Wellman	3.75

HANDBOOKS & REFERENCE DATA

Antenna Handbook	ARRL	.50
Hints & Kinks	ARRL	.50
Radio Amateur Handbook	ARRL	1.50
Electronics Dictionary	Cooke	5.00
The Radio Handbook	Editors & Engineers	3.00
Handy Kinks & Shortcuts	Radio Craft	.50
Receiving Tube Manual	RCA	.35
Receiving Tube Booklet	RCA	.10
Power & Gas Tube Booklet	RCA	.10
Phototube Booklet	RCA	.10
Receiving Tube Manual	Sylvania	.85

MISCELLANEOUS

Radio Amateurs Call Book	Call Book	1.50
Radio Amateur Log Books	ARRL	.50
World Map	ARRL	1.25
Radio Amateur Message Blanks	ARRL	.25
Radio Calculator Type A	ARRL	1.00
Ohm's Law Calculator Type B	ARRL	1.00
CQ -DX	Editors & Engineers	.50
Color Code Chart	I.R.C.	.10
Station QSO Index	Mosley	1.25
Ohms Law Calculator	Ohmite	.25
How to Build Radio Receivers	Radio Craft	.50
Radio Test Instruments	Radio Craft	.50
Unusual Patented Circuits 1944-46	Radio Craft	.50
Reactance Slide Rule	Shure	.25
Photoflash	Sprague	.25

"LAST MINUTE ADDITIONS"

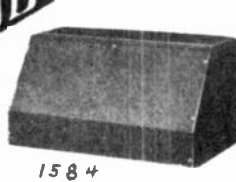
F4 Transmission & Reception	Rider	\$ 1.80
Antenna Manual	Editors & Engineers	3.00
The World's Radio Tubes	Editors & Engineers	3.00
The "Radio" Amateur Newcomer	Editors & Engineers	1.00
Practical Television	HCA	.25

WALTER ASHE RADIO CO.
1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

CA



BUD



STREAMLINED CABINETS

Rounded front vertical corners. Recessed hinged tops. Removable panel. All are 8 1/32 high, 8 1/4 deep. Finish, Black crackle.

Number	Panel Width	Overall Width	Chassis	Net
C-1746	10	12 1/2	976	\$ 3.21
C-1747	12	14 1/2	997	3.77
C-1748	14	16 1/2	998	4.23

DELUXE STREAMLINED CABINETS

Same as above but with 1/2" vertical chrome strip each side of panel. Grey crackle only.

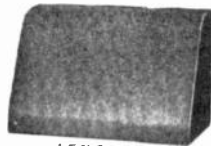
Number	Net
C-1781	\$ 4.23
C-1782	4.70
C-1783	5.29



INSTRUMENT & RECEIVER CABINETS

For all instruments or receiver applications. Recessed hinged lid, removable panel. Finish, Black crackle. Less chassis.

Number	H.	W.	D.	Chassis	Net
C-973	7	8	7 1/2	CB-41	\$ 2.65
C-993	7	10	6	CB-996	2.62
C-994	7	12	7 1/2	CB-997	3.06
C-995	7	14	7 1/2	CB-998	3.26
C-999	7	10	8	CB-976	3.06
C-1190	8	16	8	CB-35	5.56
C-975	9	15	11	CB-34	6.00



STREAMLINED UTILITY CABINETS

Includes chassis 1 1/2" high, 8" deep in price. Finish, Black crackle.

Number	Panel Width	Overall Width	Chassis Width	Net
CJ-1990	2	15 1/16	5 1/2	\$ 2.26
CJ-1984	4	15 1/16	7 1/2	2.65
CJ-1985	6	15 1/16	9 1/2	2.94
CJ-1986	8	15 1/16	11 1/2	3.23
CJ-1987	10	15 1/16	13 1/2	3.82
CJ-1988	12	15 1/16	15 1/2	4.12
CJ-1989	14	15 1/16	17 1/2	4.62

SLOPING PANEL UTILITY BOXES

Numerous uses for these boxes. All 4 1/2" high. Black crackle.

Number	W.	D.	Net
C-1578	4	4	\$.88
C-1579	5	4	1.03
C-1580	6	4	1.21
C-1581	7	4	1.41

SLOPING PANEL CABINETS

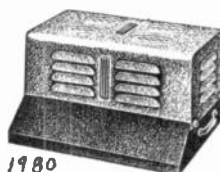
General purpose cabinets, removable panel. Finished in Black crackle, less chassis.

Number	H.	W.	D.	Net
C-1584	6 1/2	7 1/16	7 1/2	\$ 2.85
C-1585	6 1/2	9 1/16	7 1/2	3.18
C-1586	6 1/2	11 1/16	7 1/2	3.53
C-1892	8	13 1/16	8 1/2	4.24
C-1893	10	18 1/16	10 1/2	5.74

STREAMLINED METER CASES

Modern styled meter cases. Sloping front. CM-1241 and 1242. Have insulators on top for leads to meters.

Number	Hole Dia.	Meter Size	Net
CM-1241	2 3/16	2	\$ 1.09
CM-1242	2 13/16	3	1.09
CM-1965	2 3/16	2	.94
CM-1966	2 13/16	3	.94



SLOPING PANEL AMP. FOUNDATION

Adds commercial appearance to any amplifier. Good ventilation. All have 4" sloping panel. Top-Grey; Chassis-Black. Red chrome striped trim. All chassis are 3 1/2" high, 9 1/4" overall height.

Number	A.	B.	C.	W.	Net
CA-1980	5	10 1/16	8	10	\$ 4.56
CA-1981	7	12 1/16	10	12	5.29
CA-1982	7	17 1/16	10	17	6.12
CA-1983	10	17 1/16	13	17	6.76

ALL THE BIG NAME BRANDS OF AMATEUR SHORT WAVE RECEIVERS and TRANSMITTERS

Choose your favorite new receiver, transmitter or related apparatus from Walter Ashe's ample and varied stocks. Prices are right. Deliveries are prompt.

"Ahead of the Parade".. SERVICE... FACILITIES ...VALUES.

Walter Ashe Radio Co. has long been recognized as the reliable source for a complete line of dependable radio and electronics equipment for every conceivable purpose. Amateurs in this country and abroad have learned to depend on Walter Ashe for prompt and efficient handling of their every requirement.

amp

AUTO PLATES

W8ENH

I-A



24-A

19-A

Cast with two brackets for mounting on car. 5 letter plate. Size, 2 1/2 x 8 1/2.

No. 1-A Net \$ 2.50

Specify call.

5" Round plate.

No. 24-A Net \$ 3.00

Deluxe auto plate. 10 letter limit. Choice of background color.

No. 19-A Net \$ 4.50

LAPEL PINS



B-61

B-62



B-63



Number	Net
B-61 4 or 5 letters	\$ 1.00
B-62 Station call & network affiliation. One line.	1.25
B-63 Station & network call pin.	1.50

Write for quantity discount.

MICROPHONE



Available for any make or model microphone.

For RCA-77	Net \$ 8.50
Side plates	3.00
For RCA-74	7.50
Side plates	3.00
For RCA-44	8.00
Side plates	3.00
Shure 55-56 with side plates	12.00
WE-633A	8.50

Many others available. Write for complete catalog.

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

CABINET RACK ACCESSORIES

DOLLIES



Racks and cabinets easily moved. Frames solid steel. Price includes casters. Color, Blk. or Grey.

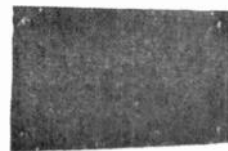
Number	Wheel Dia.	Use	Net Price
RD-505	1½	Small Rack	\$ 5.29
RD-506	2	Small Rack	7.62



STEEL CHASSIS BASES

Black	Zinc	D.	W.	H.	Ga.	Net
CB-628	CB-629	5	7	2	20	\$.62
CB-644	CB-645	5	9½	2½	20	.73
CB-788	CB-776	5	9½	1½	20	.68
CB-604	CB-605	5	10	3	20	.88
CB-789	CB-1191	7	7	2	20	.79
CB-790	CB-1192	7	9	2	20	.88
CB-791	CB-1193	7	11	2	20	.94
CB-792	CB-793	7	12	3	20	1.12
CB-646	CB-1194	7	13	2	20	1.06
CB-647	CB-1198	5	13½	2½	20	1.06
CB-649	CB-1189	7	15	3	20	1.29
CB-665	CB-666	8½	15	3	20	1.38
CB-1068	CB-1066	4	17	3	20	1.12
CB-648	CB-1199	7	17	2½	20	1.29
CB-701	CB-702	8	10	2½	20	1.15
CB-703	CB-704	8	12	2½	20	1.24
CB-650	CB-774	8	17	2	20	1.41
CB-651	CB-775	8	17	3	20	1.44
CB-652	CB-1195	10	12	3	20	1.41
CB-653	CB-779	10	14	3	20	1.44
CB-654	CB-769	10	17	2	20	1.38
CB-636	CB-637	10	17	3	20	1.27
CB-655	CB-1196	10	17	3	18	1.53
CB-656	CB-1197	10	23	3	18	1.97
CB-657	CB-770	11	17	2	18	1.76
CB-658	CB-771	11	17	3	18	1.97
CB-663	CB-661	12	17	2	18	1.82
CB-664	CB-662	12	17	3	18	1.97
CB-659	CB-772	13	17	2	18	2.12
CB-660	CB-773	13	17	3	18	2.44
CB-640	CB-641	10	17	4	18	2.03
CB-642	CB-643	13	17	4	18	2.74
CB-623	CB-624	10	17	5	18	3.09
CB-625	CB-626	13	17	5	18	3.47

BLACK ENAMEL BOTTOM PLATES



Number	Width	Length	Net
BP-705	5	7	\$.35
BP-680	5	9½	.38
BP-536	5	10	.41
BP-681	7	7	.44
BP-682	7	9	.44
BP-683	7	11	.53
BP-537	7	12	.59
BP-684	7	13	.59
BP-685	5	13½	.44
BP-516	7	15	.68
BP-541	8½	15	.71
BP-1069	4	17	.47
BP-686	7	17	.71
BP-707	8	10	.56
BP-709	8	12	.59
BP-687	8	17	.71
BP-688	10	12	.71
BP-517	10	14	.73
BP-689	10	17	.82
BP-690	11	17	.91
BP-691	12	17	1.00
BP-692	13	17	1.09
BP-518	10	23	1.15



TRUCK CASTERS

Ball bearing swivel wheels of hard rubber composition, will not scratch floor. With hardware.

Number	Height	Type	Net Each
RC-7756	2 5/8"	Heavy Duty	.79
RC-7757	2"	Light Duty	.38

RACK SHELVES

For all cabinets and racks. Heavy steel. Color, Black.

Number	Height	Depth	Net
CB-1976	1"	15"	\$ 2.88
CB-1977	1"	12"	2.50



CHASSIS MOUNTING BRACKETS

Used where panel only must support all weight of chassis. Color, Black crackle.

No.	H.	D.	Clear.	Pr. Net
MB-458	6½	8	3 1/16	\$.77
MB-448	6½	10	3 1/16	.97
MB-459	6½	11	3 1/16	1.18
MB-449	6½	12	3 1/16	1.32
MB-460	6½	13	3 1/16	1.38
MB-450	8½	10	4 1/16	1.50
MB-451	8½	13	4 1/16	1.65

TRIANGULAR BRACKETS

For weighty assemblies. Heavy steel. Black.

Number	Height	Depth	Net
MB-1266	5"	5"	.65
MB-1267	7"	7"	.77
MB-1268	9"	9"	.91

CHASSIS ANGLES

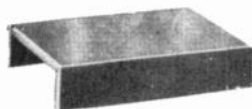
1½" long, projects 3" from each side of cabinet for 17" W chassis. Sold in pairs. Black. With hardware.

Number	Net Pa.
SA-1349	\$ 1.27

FORMED CHANNELS

Useful in mounting chassis, etc. 1/16" aluminum.

Number	Width	Height	Length	Net
AC-259	1"	3/8"	12"	.35
AC-260	1½"	3/8"	12"	.38
AC-261	2"	3/8"	12"	.44



ZINC OPEN END CHASSIS

Number	D.	W.	H.	Fits Cab.No.	Net
CB-38	7	6	2	1584	\$.53
CB-30	5	7	1½	----	.47
CB-41	7	7	1½	973	.56
CB-39	7	8	2	1585	.68
CB-996	5½	9	1½	993	.53
CB-976	7½	9	1½	999, 1746	.73
CB-40	7	10	2	1586	.73
CB-997	7	11	1½	994, 1747	.77
CB-998	7	13	1½	995, 1748	1.47
CB-34	10½	14	2	975A	1.32
CB-35	7½	15	2	1190A	1.18



ZINC CHASSIS DECKS

Number	W.	D.	Fits Cab No.	Net
CB-522	4½	5½	1098	\$.41
CB-523	4½	4½	1099	.38
CB-524	6½	6½	879	.50
CB-525	5½	5½	1124, 1096	.44
CB-526	8½	7½	880	.71
CB-527	9½	7½	881	.73
CB-528	7½	6½	882	.59
CB-36	6½	6½	1097	.53
CB-37	8½	6½	1100	.68

METAL CARRYING CASES

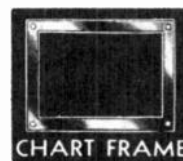
For all portable uses. Removable front and back. Easy grip handle riveted to top. Black crackle.

Number	D.	W.	H.	Net
CC-1095	5	6	9	\$ 2.12
CC-1091	5	9	6	2.12
CC-1096	6	7	12	2.68
CC-1092	6	12	7	2.88
CC-1097	7	7½	15	3.06
CC-1100	7	10	10	2.88
CC-1093	7	15	9	4.23

METAL UTILITY CABINETS

Same as above but less handle. Black.

Number	D.	W.	H.	Net
CJ-883	2	4	4	\$.79
CJ-728	3	5	4	.85
CJ-729	4	5	6	1.06
CJ-1098	6	6	6	1.06
CJ-1099	5	6	9	1.50
CJ-879	7	8	10	1.91
CJ-1124	6	7	12	2.06
CJ-880	8	10	10	2.35
CJ-881	8	11	12	2.56
CJ-882	7	9	15	2.85



NATIONAL CHART FRAME
Blanked from one piece metal, celluloid cover for chart.

No.	Net
C.F.A.	\$.33



PAR-METAL

SHELVES FOR CABINET RACKS



Designed for use with all Parmetal enclosed racks. Finished in black, 1" hi.

No.	For Rack	Net
ER-2012	203-205	\$2.21
ER-2112	213-215	2.70
ER-2212	223-225-227	2.79

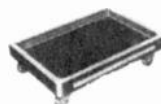
ROLLER TRUCKS FOR RACKS STANDARD TYPE



Well made roller trucks with castors, ball bearing swivels. Rubber or steel wheels. Black fin.

No.	Rack	Ins.	Cl.	Wh.	Net
RT-400	Table	19 1/2	x15	2" St.	\$5.29
RT-401	203-205	21 1/2	x17	2 Rub.	7.35

DELUXE TYPE



Either Black or Grey. Designed for use with all Deluxe streamlined racks. Rounded front corners with chrome finished red stripe trim. Castors included.

No.	Rack	Ins.	Cl.	Wh.	Net
RT-411	213-215	22 1/2	x17 1/2	2" R.	\$9.11
RT-412	223-5-7	22 1/2	x18 1/2	2" R.	10.29

MITY-MITE RELAY RACK AND PANEL



A professional appearance low priced rack and panel for medium power radio, VHF, mobile, controls, etc. Made of heavy gauge steel plate, recessed panels, standard notched. Black wrinkle finish. Knocked down with all hardware.

Rack complete with 3 Panels
Net \$4.80

12x7 Panel only	Net	.60
12x6		.51
Chassis Only 12x8x2 1/2		1.02

RELAY RACK HARDWARE.



Machine screws 1/2" long, threaded 10-32, nickel plated. Cup Washers, steel nickel plated.

Number	Description	Net Per 100.
RS-7140	Screw	.74
RS-7161	Washer	.74



DELUXE STREAMLINED PROFESSIONAL RELAY RACKS

Ideal for transmitters, PA systems, etc. Sturdy modern design, with rounded vertical front corners, red striped, chrome trim at bottom. 16 gauge steel. Will accommodate either WE or amateur notched panels. Panels are recessed. Available in either Black or Grey crackle finish. Shipped knocked down. Less panels.

Number	Overall Height	Panel Space	Weight	Net Price
CR-1774	42 1/16	36 3/4	90 lbs.	\$ 29.40
CR-1771	47 5/16	42	100 lbs.	35.52
CR-1772	66 9/16	61 1/4	135 lbs.	43.81
CR-1773	82 5/16	77	155 lbs.	50.72

PROFESSIONAL RELAY RACKS

Give professional appearance to your transmitter or PA system. Recessed panels, WE or amateur notching. Constructed from 16 gauge steel. Shipped knocked down. Black crackle finish. If Grey finish is desired, add 15% to price. Less panels.

Number	Overall Height	Panel Space	Weight	Net Price
CR-873	42 1/16	36 3/4	90 lbs.	\$ 24.99
CR-874	47 5/16	42	95 lbs.	30.58
CR-875	66 9/16	61 1/4	128 lbs.	37.63
CR-884	82 5/16	77	144 lbs.	46.16

STANDARD RELAY RACKS

Open type sturdy relay racks for economy installations. Takes WE or amateur notched panels, 19". Shipped knocked down. Finish, Black. Grey 15% extra. Less panels.

Number	Height	Depth	Panel Space	Weight	Net Price
RR-1263	35 1/2	22	31 1/2	38 lbs.	\$ 14.70
RR-1264	70 1/2	22	66 1/2	48 lbs.	17.64
RR-1265	72 1/2	15	66 1/2	104 lbs.	30.87

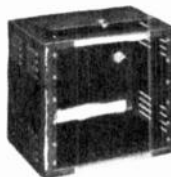
DESK TYPE RELAY RACKS

These small racks are suited for desk or table mounting of transmitters, PA systems, etc. Takes WE or amateur notched panels, recessed. Shipped knocked down, less panels. Black crackle finish. Grey 15% extra.

Number	Height	Depth	Panel Space	Weight	Net Price
RR-1248	24	12	21	15 lbs.	\$ 5.65
RR-1249	31	12	28	20 lbs.	7.06

DELUXE STREAMLINED PROFESSIONAL CABINET RACKS

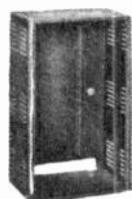
Deluxe line streamlined cabinets for commercial or amateur use. Top and bottom trimmed with red striped chrome finish molding. Hinged door on top with snap catch. WE or amateur notched panel. Less panels. Available in Black or Grey at same price. Assembled.



Number	Height	Panel Space	Weight	Net Price
CR-1741	10 9/16	8 3/4	29 lbs.	\$ 10.14
CR-1742	14 1/16	12 1/4	32 lbs.	12.35
CR-1739	15 13/16	14	36 lbs.	14.88
CR-1743	19 5/16	17 1/2	40 lbs.	16.44
CR-1744	28 3/16	26 1/4	50 lbs.	18.94
CR-1745	36 13/16	35	60 lbs.	21.14

NEW GENERAL CABINET RACKS

Economy type cabinets for electronic, amateur and commercial applications. 16 gauge cold rolled steel, welded joints. Shipped set up, ready for use. Takes WE or amateur notched panels. Black crackle finish. Grey 15% extra.



Number	Height	Panel Space	Weight	Net Price
CR-694A	10 5/8	8 3/4	22 lbs.	\$ 7.35
CR-695A	12 5/16	10 1/2	24 lbs.	9.32
CR-693A	14 1/8	12 1/4	27 lbs.	10.73
CR-696A	19 7/8	17 1/2	32 lbs.	13.82
CR-697A	28 1/8	26 1/4	44 lbs.	15.14
CR-698A	36 7/8	35	55 lbs.	18.43

SMALL CABINET RACKS

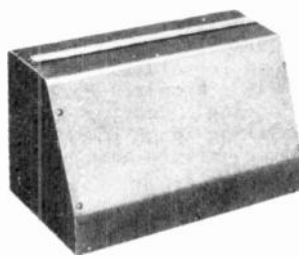
A small and inexpensive cabinet rack for low power transmitters and similar apparatus. Complete with two panels. One 10 1/2" and one 8 1/2" high, 18 5/16" wide. Will take chassis up to 8 1/2" deep and 15" wide. (CR-636, CR-637) With panels. Less chassis. Black crackle finish. Grey 15% extra.



Number	Weight	Net Price
HC-1749A	25 lbs.	\$ 13.82

PAR-METAL

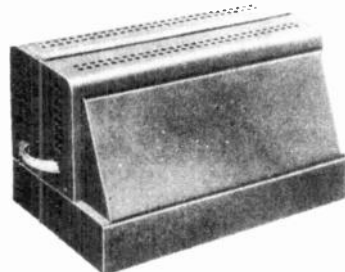
SLOPING FRONT CABINETS



These cabinets readily adaptable to all general use in labs and ham work. Rounded top corner with red striped chrome molding. Grey, less chassis.

No.	H.W.D.	Chassis	Net
SF-500	8x8x8	7x 7x2	\$3.09
SF-501	8x10x8	7x 9x2	3.32
SF-502	8x14x8	7x13x2	3.68
SF-503	9x18x8	7x17x3	5.31
SF-504	12x18x12	10x17x3	6.76

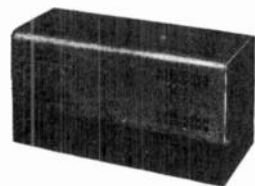
DELUXE SLOPING FRONT AMPLIFIER FOUNDATION CHASSIS



Sloping front, streamlined cover gives commercial appearance. Slate grey color with red striped chrome moldings and handles. With bottom plate less chassis.

No.	Chassis	Screen	Net
F-10120	10x12x3	6 1/4	\$5.59
F-10170	10x17x3	6 1/2	6.47
F-13170	13x17x3	6 1/2	7.20

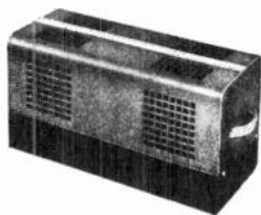
STANDARD AMPLIFIER FOUNDATION CHASSIS



Similar to Deluxe models listed below but less handles and chrome trim. Cover grey, chassis black.

No.	Size	Cover	Net
F-510	5x10x3	6	\$2.21
F-615	6x14x3	6	2.50
F-717	7x17x3	6	3.09
F-1012	10x12x3	6	3.09
F-1017	10x17x3	6	3.74
F-1317	13x17x3	6	4.41

DELUXE AMPLIFIER FOUNDATION CHASSIS



Streamlined, distinctive modern design in these foundation units make them adaptable to studios, instruments, etc. Screen cover finished in grey ripple, handles and molding in chrome with red striping. Good ventilation.

No.	Size	Cover	Net
DF-510	5x10x3	6	\$3.15
DF-615	6x14x3	6	3.68
DF-717	7x17x3	6	4.21
DF-1012	10x12x3	6	4.21
DF-1017	10x17x3	6	5.00
DF-1317	13x17x3	6	5.74

HEAVY DUTY BLANK STEEL CHASSIS BASES



Made from 1/16" sheet steel, all corners and bottoms re-inforced. Bottom covers and mounting screws furnished. Black ripple enamel finish.

No.	Size	Net
15280	8x17x2	\$2.12
15281	8x17x3	2.35
15282	11x17x2	2.38
15210	11x17x3	2.59
15212	13x17x2	2.79
15213	13x17x3	3.06
15216	13x17x4	3.38



TYPE 'A' CHANNEL RELAY RACKS

These racks are ideally suited for use on all types of transmitters and public address systems. Substantially constructed of 1/8" pressed steel. Channels tapped for 10/32 screws. Screws and washers included. Cold Black.

RR-193	RR-195
Overall dimensions 38x20x19	73x20x22
Avail. Pan. Sp. 36x19	71x19
Shp. Wgt. 57 lb.	85
NET \$12.94	\$16.17

TYPE 'A' ENCLOSED RELAY RACKS

These racks which are available in either black or slate grey will give your job the 'professional' appearance. Panels are recessed, edges not exposed. Ample ventilation. Two snap catches on rear door, sturdy hinges. Shipped 'knocked down', easy assembly. All hardware and panel screws and washers included.

No. ER-203	ER-205
Overall Dim. 42x21x16 1/2	66 1/2x21x16 1/2
Avail. Pan. Sp. 36x19	61 1/2x19
Clear Ins. Wid. (frnt) 17 1/2	17 1/2
Clear Ins. Wid. (R) 19	19
Clear Ins. Dep. 15 1/2	15 1/2
Weight 95 lb.	135 lb.
NET \$23.52	\$33.81

Streamlined type, Black or Grey color, vertical corners are rounded and top and bottom are trimmed with red striped chrome finished moldings. Ample ventilation. Sturdy construction. Recessed panels. Shipped knocked down.

No. ER-213	ER-215
Overall Dim. 42x22x16 1/2	66 1/2
Avail. Pan Sp. 36x19	61 1/2x19
Clear Ins. Wid. (F) 17 1/2	17 1/2
Clear Ins. Wid. (R) 19	19
Clear Ins. Dep. 15 1/2	15 1/2
Shp. Wgt. 100 Lb.	150
NET \$27.93	\$55.86

TYPE 'A' TRANSMITTER RACKS

The ultimate in modern design, streamlined deluxe style available in either Black or Grey finish. Removable vertical corner moldings are rounded and cover the panel mounting screws. Top and bottom trimmed with red striped chrome finished moldings. Recessed panels. Ample ventilation. Shipped knocked down.

ER-223	ER-225	ER-227
Overall Dim. 43 1/2x22x18	67 1/2x22x18	83 1/2x22x18
Avail. Pan Sp. 36x19	61 1/2x19	77x19
Clear Ins. Wid (F) 17 1/2	17 1/2	17
Clear Ins. Wid. (R) 19	19	19
Clear Ins. Dep. 16 1/2	16 1/2	16 1/2
Shp. Wgt. 105 lb.	160	185
NET \$36.75	\$46.75	\$55.86

G-C PLASTIC CEMENT

Best grade pyroxilin cement for cementing all types of plastics. Excellent for cementing broken cabinets, knobs, etc.



Size
No. 32-2A 2 oz. Net \$.33

G-C RECORD LUBRICANT



No. 125-1 1 oz. Net \$.15
No. 125-2 2 oz. .21

Reduces the surface noise and prevents excessive wear on the record or needles. Can also be used for a pre-recording lubricant. Records will last longer when you use a lubricant.

G-C REK-O-DOPE

"New All-Purpose Record Compound"



Cleans — Lubricates — Hardens —
Renews old records and preserves new records and recordings. It improves reproduction as it removes all dirt and loose particles, lubricates the surface and hardens the grooves. Records treated with G-C REK-O-DOPE give better tone, and will last longer.

No. 126-1 1 oz. Net \$.15
No. 126-2 2 oz. .27

G-C LIQUIDOPE

"Genuine All-Wave Coil Dope"

Ideal coil dope for all-wave coil windings. Clear and fast-drying. Gives coils a tough protective film that insures firmness and prevents characteristic changes due to weather.



No. 36-2 — 2 oz. bot. Net \$.21

Chemicals

G-C Q-DOPE

"Made from Polystyrene"

New Ultra Low Loss Compound that is recommended for high frequency work. Absolutely no loss in Q—fast-drying—maintains coil characteristics.



Number Net
37-2 2 oz. bottle \$.21
Special thinner
41-2 2 oz. bottle .15

G-C RADIO CHASSIS CLEANER



Make extra money by returning your customer's set thoroughly cleaned from dirt, grease and grime. Chassis Cleaner cleans Radio Chassis, Panels, Test Equipment, etc., without injuring the surface.

Number Net
123-8 8 oz. bot. \$.30
123-16 16 " .45



High quality Carbon-Tet for all radio uses. Non-explosive, non-inflammable. Leaves no residual odor or oily film.

8 oz. bottle Net \$.35
1 gallon can 2.05



AMPHENOL POLYWELD



Pure polystyrene coil dope in solution with "916" thinner. For "doping", coating and sealing in UH and VHF frequencies. Moisture repellent.

Number Net
912-2 2 oz. cement \$.30
916-2T 2 oz. thinner .15

AMPHENOL SILICONE COMPOUND



For insulating transmission lines to eliminate surface moisture by breaking into isolated drops. Also good for moisture proofing of RF and other electrical connectors, ignition systems etc. Non-Corrosive.

No. 307-1 1 oz. tube Net \$ 1.18

DUOTONE RECORD CHEMICALS



Description	Number	Net
Pre-Recording Fluid	101	.30
Hardening Fluid	102	.30
Record Preserver	105	.30

You Get ALL 5 at Walter Ashe

1 "SURPRISE"
TRADE-IN ALLOWANCES
ON YOUR USED EQUIPMENT

**2 SUPER
BARGAINS
IN SURPLUS
EQUIPMENT**

**3 SHIPMENT
THE SAME DAY...
OFTEN THE SAME HOUR
FOLLOWING
RECEIPT OF YOUR ORDER**

**4 BIGGER - THAN - EVER
STOCKS OF
UP-TO-THE-MINUTE
COMPONENTS
AND PARTS**

Walter Ashe RADIO CO.
1125 PINE ST. • ST. LOUIS, MO.

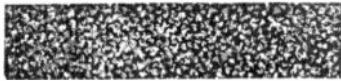
**5 "AHEAD
OF THE PARADE"
SERVICE...
FACILITIES...
VALUES**

RADIO and ELECTRONICS

WALTER ASHE RADIO CO. 1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

Chemicals

G-C RUF-KOAT AIR DRY WRINKLE VARNISH



The only finish that will Air Dry and give you a professional wrinkle job without baking. It is the same finish as is employed by manufacturers on P. A. Equipment, Chassis, Panels, and Racks. Easy to use. Don't experiment — use the best.



Number	Net
1205 2 oz. bottle	\$.45
Colors: Black and Grey. Specify color,	
Number	Net
60-2 1/8 pint	\$.27
60-4 1/4 pint	.45
60-8 1/2 pint	.73
60-16 1 pint	1.32

G-C FELT-KOAT FLOCK FINISH SPRAY KIT



New method of applying flock with patented GC gun. Distributes flock evenly over undercoat. Easy to apply. Kit includes blower gun, 1 can each of brown flock, ivory flock, thinner, brown undercoat, ivory undercoat, brush and instructions.

No. 180-2 Kit	Net \$6.32
No. 180-3 Gun only	2.32

Flock and undercoat available in brown, taupe, blue, black, white, ivory, red, green, silver and gold.

Number	Net
180-5 Replacement flock, (Specify color)	\$.59
180-LB 1 lb. Flock (Spec. color)	3.23
180-4 4 oz. Undercoat (Spec. color)	.42
180-8 8 oz. Undercoat (Spec. color)	.65
180-16 Pint Undercoat (Spec. color)	1.18
181-4 4 oz. Thinner	.21
181-8 8 oz. Thinner	.30
181-16 Pint Thinner	.45
181-G Gallon Thinner	1.91

G-C SPIRIT VARNISH STAIN

The same stains that are used in our cabinet touch-up Kits. A durable fast drying varnish with the finishing stains in it. Walnut shade.



No. 161-2 — 1/4 pint	Net \$.30
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G-C SCRATCH REMOVER LIQUID

New type liquid! Removes scratches instantly. Simply wipe the liquid with a cloth over the scratches and they will disappear. A handy bottle to have in every Service Men's Kit.



No. 917—2 oz. Bottle	Net \$.21
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G-C GENERAL SKRATCH STIK

Handy Pocket scratch remover. The stick has both a filler and a scratch polish in it. It's hard to avoid making scratches, but they are easy to take out with this stick. The most popular Scratch Stik on the market. Thousands in use. Makes excellent premium for customers. Your name imprinted in Gross lots.

No. 909—Scratch Stik	Net \$.21
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G-C DIAL LITE COLORING

Long lasting coloring for multi-colored dials. Instant drying. Bright colors of Red, Green, Blue, Amber, Purple, and Solvent. Earn extra money by selling colored dial lites.



No. 66-6 — 8 bors.	Net \$.51
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G-C CARBON-X

"For Noisy Carbon Controls" Here is an item every Service Man has been looking for. A practical method to touch up those worn and noisy spots on carbon volume controls. You simply apply CARBON-X over the bad spots and the job is done. When you cannot sell a replacement control you can do the job with CARBON-X.



CARBON-X is an electrical conductor

2oz. bottle	Net \$.45
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G-C GRAFOLINE

Specially made for noisy controls, switches, and wire wound controls. Will eliminate noises on controls and contacts and on tube prongs.



No. 120-2 — 2 oz.	Net \$.21
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G-C LUBE-REX "LUBRIPLATE"

"Prevents Corrosion" The best contact cleaner on the market. Fine for attenuators, push button switches, all wave switches, contacts, etc. Cleans contacts and prevents corrosion. The only acceptable lubricant for Philco Mystery controls. Moisture repellent and rust preventing—fine for use on locks, fishing reels, guns, dial mechanisms, phonograph equipment, etc. Is especially desirable since it clings to the metal.



Number	Net
1209 2 oz. bottle	\$.30

G-C PHONO-TURNABLE MOTOR & GEAR LUBRICANT

"MADE WITH GRAPHITE"



A new special lubricant for phonographs. Other lubricants will thin and run to the lowest point of gravity on the mechanism, but this is specially formulated so that the lubricant clings to the surface of the parts. Eliminate trouble on phono repairs by using the best.

No. 1223—Tube	Net \$.25
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G-C RADIO DIAL OIL

Special oil for lubricating dial mechanisms. Treated with graphite to assure effective lubrication.



Number	Net
1247 2 oz. bottle	\$.18

G-C ALL-PURPOSE CEMENT

Fast drying cement suitable for many uses. Excellent "Household Cement". Also an ideal "model-makers" cement for use on model airplanes, ships, toys, etc.



Net \$.25

G-C RADIO SERVICE CEMENT



The Best Cement for Speaker and Radio Work. Especially suitable for cementing replacement cones and repairing rattling and torn cones. Also used on glass, to seal adjustments, hold wires in place, etc. Dependable, Vibration-Proof. Waterproof, and Fast-Drying.

30-2 2 oz. bottle with br	Net \$.30
30-16 1 pint bottle.	1.76

G-C RADIO SERVICE SOLVENT



"CLEANS AND DISSOLVES"

Best Solvent for loosening cement on speaker cones, frames, etc. made to dissolve all types of cements. Can also be used as a thinner for G-C Cement and other cements.

No. 31-2 2 oz. bottle	\$.21
No. 31-16 1 pint bottle	.73

G-C SPEAKER REPAIR CEMENT IN TUBES

This is our regular service cement put up in a handy tube. Makes a good, general-purpose, waterproof glue. Also useful for speakers, cones, coils, etc.

12 to display

No. 34-2—Large Size	Net \$.25
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G-C BAKELITE CEMENT

Prepared for cementing Bakelite to Bakelite or Bakelite to other materials. Useful for broken knobs, molded cabinets, etc. 12 to display.

No. 32-2 — 2 oz. bottle	Net \$.36
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G-C RUBBER TO METAL CEMENT

Specially prepared for cementing Rubber dial drives to metal shafts, rubber mountings to chassis, or for cementing any rubber material to metal.



No. 35-2	Net
2 oz. bottle with brush	\$.30

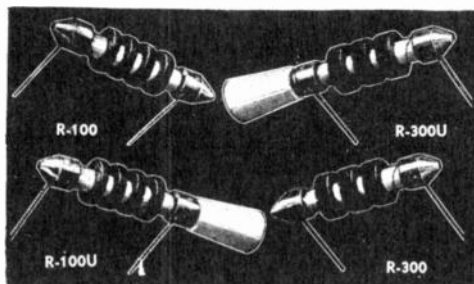
G-C WOOD CABINET GLUE

Best quality wood glue for repairing cabinets. Strong and fast drying. Will not injure cabinet finish.



No. 39-2 — 2 oz. bottle with brush	Net \$.21
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NATIONAL

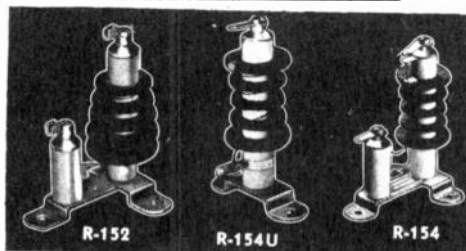


Identical in characteristics but differ in mountings. All rated at 125 MA. All available in 2½, 5, 10 MH Inductances.

Number	Mounting	Net
R-100	Pigtail Leads	\$.35
R-100-U	Leads, Standoff	.42
R-100-S	Lugs, Standoff	.36

Same as above but will carry 300 MA. Available in sizes of ½, 1, 2½, 5 MH.

Number	Net
R-300	\$.35
R-300-U	.42
R-300-S	.36



RF Choke for 80-160 Meter bands. Inductance, 4 MH. Resistance, 10 ohms. 600 MA.

Number	Net
R-152	\$ 1.75

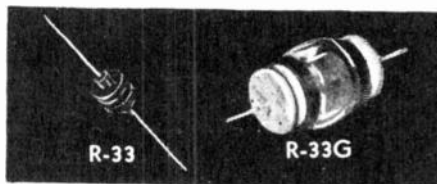
RF Choke for 20-40-80 Meter bands. Inductance, 1 MH. Resistance, 6 ohms. 600 MA. Honeycomb wound on Isolantite.

Number	Mounting Feet	Net
R-154	3	\$1.75
R-154-U	2	1.40



All band RF Choke, 10 through 160 Meters. 225 Micro-H. Resistance, 6 ohms. 800 MA. Breakdown, 12500 volts.

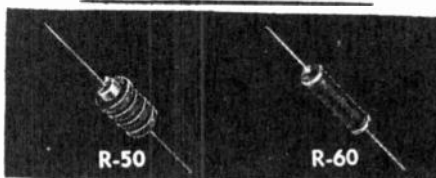
Number	Net
R-175	\$2.09

CHOKES
NATIONAL

NEW SERIES CHOKES

New R-33 series chokes are 2 section RF types available in inductances of 1, 10, 50, 100 Micro-H. 33 MA. wound on form 5/8" long. Specify inductance.

Number	Net
R-33	\$.35
R-33-G, 2 section, 750 Micro-H., 33 MA. Hermetically sealed in glass.	Net
	\$ 3.60



New R-50 series are 4 section chokes available in ½, 1, 2½, 10 MH. 50 MA. Wound on 1" long form. 10 MH. type has iron core. Specify size.

Number	Net
R-50	\$.35
R-50-1 Iron Core	.53
R-60, 500 MA. type. Available in 2 or 4 Micro-H. size. Specify.	Net
	\$.35

Miller

UNSHIELDED AIR CORE CHOKES



Single hole mounting with 6/32 bolt. Size, 1 1/8" diam., 5/8" high.

Number	MH.	Res.	MA.	Net
610	.25	8	125	\$.24
620	.75	17	125	.24
630	1.50	21	125	.24
640	2.50	28	125	.30
650	5.0	41	125	.30
660	7.5	53	125	.30
670	10.0	64	125	.36
680	12.5	74	125	.36
690	15.0	83	125	.36
691	20.0	97	125	.45
692	30.0	120	100	.45
693	60.0	175	100	.59
694	80.0	230	100	.73

CENTER TAPPED TYPES



Number	MH.	Res.	MA.	Net
670-T	10.	64	125	\$.42
691-T	20.	97	100	.50
693-T	60.	175	100	.65

Miller

HASH FILTER CHOKES

Unshielded



Duo-Lateral wound, use in series with plate leads of mercury vapor rectifiers to prevent R.F. hash feedback. 10000 volt insulation.

Number	MH.	Res.	MA.	Net
7867	4½	4½	500	\$ 1.18
7868	2½	2.3	1000	1.47

Shielded

Number	Volts	MA.	Net
80-F	700	200	\$.75

OHMITE

R.F. PLATE CHOKES



Single layer wound on steatite core, moisture proof, all 1000 M.A. rating.

Number	Ham Band Meters	Micro-Henries	Res.	Net
Z-0	2 1/2	2.3	.19	\$.20
Z-1	5	6.2	.85	.20
Z-2	10-20	27.5	2.	.62
Z-3	20-40	85	5.	.94
Z-4	20-40-80-16	143	9.	1.29

NEW R.F. PLATE CHOKES



Tiny H.F. wound single layer on low power factor bakelite cores. Moisture proof coating. All 1000 MA.

Number	Freq.	Micro Henries	Net
Z-460	320-520 MC	.20	\$.20
Z-235	160-350 MC	.84	.20
Z-144	75-190 MC	1.9	.20
Z-50	35-110 MC	6.5	.20

POWER LINE CHOKES



Number	Micro Henries	Amps.	Res.	Net
Z-20	14	5	.15	\$ 1.29
Z-21	15	10	.07	2.15
Z-22	18	20	.045	3.12
Z-30*	46	20	.085	4.68

* One section is wound as a second layer over the other.

PARASITIC SUPPRESSORS



Designed to prevent parasitic oscillations. Non-inductive, 50 ohm resistor with choke in parallel.

No. P-300	Net	\$ 1.15
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CERAMIC SAFETY PLATE CAPS

National



Number	Tube Cap	Net
SPP-9	9/16	\$.21
SPP-3	3/8	.24

Millen

Number	Tube Cap	Net
36001	9/16	\$.21
36002	3/8	.21
36004	1/4	.21

Millen Snaplock Cap



Number	Tube Cap	Net
36011	9/16	\$.60
36012	3/8	.50

STANDARD GRID CAPS

National



Number	Tube Cap	Net
12	9/16	\$.06
24	3/8	.03
8	1/4	.03

Bud



Number	Size	Net
TC-490	1/2	\$.06
TC-107	3/8	.02
TC-108	1/4	.02

AMPHENOL



Universal grid cap, 1/4" to 3/8".
With 8" lead. Insulated grip.

Number	Net
63-1W	\$.15

BUD HEAT RADIATORS



Number	Tube	Net
TC-488	HK-24	\$.36
TC-489	35-T, HK-54 etc.	.36
TC-1920	100-T, 807 etc.	.59
TC-1921	866-T, 125 etc.	.59
TC-1923	450-TH etc.	.59



Birnbach

#615 ground clamp.

NET \$.15

Mueller CLIPS



#88 Phosphor bronze clip, 1 11/16" long.

NET ea. \$.15
100 Lots, ea. .10



#60 Alligator clip, 2" long.

NET ea. .06
100 Lots, ea. .04



#60 H.S. with Insulator. Red or Blk.

NET ea. .10
100 Lots, ea. .07



#85 Crocodile clip, 2 1/8" long.

NET ea. .07
100 Lots, ea. .05



#45 PeeWee clip, 1 1/2" long.

NET ea. .06
100 Lots, ea. .04

#45-C PeeWee copper clip.

NET ea. .03
100 Lots, ea. .06



#48-B Clip, 2" long.

NET ea. .06
100 Lots, ea. .04

#48-C Clip, all copper, 2" long.

NET ea. .10
100 Lots, ea. .08



#27 20 Ampere clip, 2 7/16" long.

NET ea. .10
100 Lots, ea. .07

#27-C solid copper, 40 ampere clip
2 7/16" long.

NET ea. .17
100 Lots, ea. .15



#24-A Clip, 25 ampere clip, 2 7/8" long.

NET ea. .12
100 Lots, ea. .08

#24 Clip, all copper, 50 ampere.
2 7/8" long.

NET ea. .20
100 Lots, ea. .16

#21-A Clip, 50 ampere. 4" long.

NET ea. .17
100 Lots, ea. .14

Mueller



RUBBER INSULATORS

Number	For Clip No.	Net ea.
93-P	88	\$.05
87-P	85	.08
47-P	45	.09
49-P	48	.09
29-P	27	.15
26-P	24	.19
23-P	21	.33

FAHNESTOCK CLIPS



#41 3/4" long, Single.

NET ea. \$.02
100 Lots, ea. .015

#42 1" long, Single.

NET ea. \$.02
100 Lots, ea. .015

#44 1 3/4" long, Double.

NET ea. \$.06
100 Lots, ea. .054

G-C Fahnestock Clips



Ideal clips for test equipment, battery connections and experimental work.

No. 6300 Env. 20 Clips Net \$.24

I.C.A. INSULATED CLIP
WITH JACK

Jack in rear accommodates standard phone tip, Red or Black.

Number	Color	Net
525-R	Red	\$.33
525-B	Black	.33

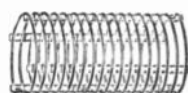
A COMPLETE STOCK
OF UP-TO-THE-MINUTE
EQUIPMENT and COMPONENT PARTS

Our really complete stock of parts is our pride and joy. However, you'll never find us making wild unfounded claims that we stock every last part that was ever manufactured. Long ago we cast out obsolete items to make way for the kind of merchandise your orders indicate you want. Of this you can be sure... if you see the item in our catalog you'll find it in our stock. And that's a promise.

INTERNATIONAL DISTRIBUTORS OF A COMPLETE
LINE OF HAM GEAR... TEST EQUIPMENT...
COMPONENTS... SUPPLIES

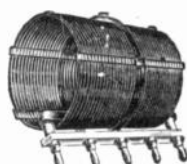
Established 1922

"MINIDUCTORS"



Number	Diam.	Turns Per Inch	Length	Net
3001	1/2	4	2	\$.31
3002	1/2	8	2	.31
3003	1/2	16	2	.31
3004	1/2	32	2	.31
3005	5/8	4	2	.37
3006	5/8	8	2	.37
3007	5/8	16	2	.37
3008	5/8	32	2	.37
3009	3/4	4	2	.44
3010	3/4	8	2	.44
3011	3/4	16	2	.44
3012	3/4	32	2	.44
3013	1	4	3	.50
3014	1	8	3	.50
3015	1	16	3	.50
3016	1	32	3	.50

TYPE "B" 150 WATT COILS



Center Tapped - No Link

Number	Band	Net
5B	5	\$ 1.38
10B	10	1.38
15B	15	1.45
20B	20	1.45
40B	40	1.79
80B	80	2.14

End Link - No Tap

Number	Band	Net
5BEL	5	2.41
10BEL	10	2.41
15BEL	15	2.48
20BEL	20	2.48
40BEL	40	2.83
80BEL	80	3.16

Center Link - Center Tapped

Number	Band	Net
5BCL	5	2.41
10BCL	10	2.41
15BCL	15	2.48
20BCL	20	2.48
40BCL	40	2.83
80BCL	80	3.16

Variable Link - Center Tapped

Number	Band	Net
5BVL	5	1.93
10BVL	10	1.93
15BVL	15	2.00
20BVL	20	2.00
40BVL	40	2.28
80BVL	80	2.61

3228 Jack Bar Assembly for end or center link. .85

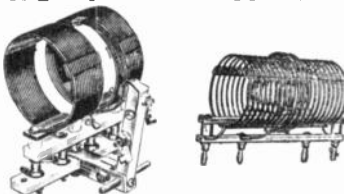
3229 Jack Bar & Sw. link for BVL 3.44

ACCESSORIES



Number	Item	Net
3913	Pr. brackets, "HD" coil to "CX" Cond.	\$.75
3915	Jack Bar for Series "B"	.60
3917	" " " " "T"	1.00
3919	" " " " "TVH"	1.10
3921	" " " " "HD"	1.25
3930-1	Single Vac. Cond. Mount	1.85
3930-2	Twin " " "	2.25

TYPE "T" 500 WATT COILS



Center Tapped - No Link

Number	Band	Net
10T	10	\$ 1.51
15T	15	1.59
20T	20	1.59
40T	40	1.93
80T	80	2.28

Center Linked - Center Tapped

Number	Band	Net
10TCL	10	2.89
15TCL	15	2.96
20TCL	20	2.96
40TCL	40	3.30
80TCL	80	3.65

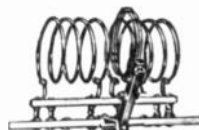
Variable Linked - Center Tapped

Number	Band	Net
10TVL	10	2.20
15TVL	15	2.28
20TVL	20	2.28
40TVL	40	2.61
80TVL	80	2.96

3321 Jack Bar Assembly for end or center link. 1.25

3322 Base Assembly and Sw. link for TVL 5.50

TYPE "TVH" 500 WATT COILS



Variable Link - Center Tapped

Number	Band	Net
10TVH	10	\$ 3.93
15TVH	15	3.93
20TVH	20	3.93
40TVH	40	3.93
80TVH	80	3.93

3507 Jack Bar & Sw. Link Ass'y. 5.16

TYPE "HD" 1000 WATT COILS

Number	Band	Net
Center Tapped - No Link		
10HD	10	\$ 3.10
15HD	15	3.79
20HD	20	3.79
40HD	40	4.13
80HD	80	4.81

Center Linked - Center Tapped

Number	Band	Net
10HDCL	10	5.85
15HDCL	15	6.54
20HDCL	20	6.54
40HDCL	40	6.88
80HDCL	80	7.56

Variable Linked - Center Tapped

Number	Band	Net
10HDVL	10	4.48
15HDVL	15	5.16
20HDVL	20	5.16
40HDVL	40	5.50
80HDVL	80	6.19

3721 Jack Bar Assembly for HD and HDCL. 1.75

3722 Base Assembly and Sw. link for HDVL 6.88

BARKER & WILLIAMSON

TURRET ASSEMBLIES



75 Watt

No. JTCL, Center linked, center tapped for 80, 40, 20, 15 and 10 meter bands.

NET \$ 9.38

No. JTEL, End linked, untapped coils for 80, 40, 20, 15 and 10 meter bands.

NET \$ 9.38

150 Watt

No. BCL, Center linked, center tapped coils for 80, 40, 20, 15 and 10 meter bands.

NET \$11.69

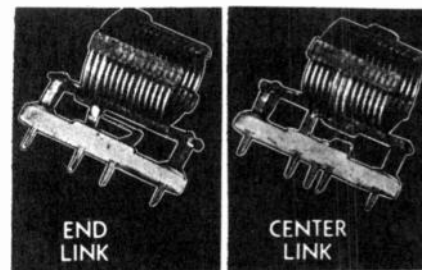
No. BEL, End linked, untapped coils for 80, 40, 20, 15 and 10 meter bands.

NET \$11.69

No. 3818, Turret Dial Plate \$.25

NATIONAL

50 WATT COILS



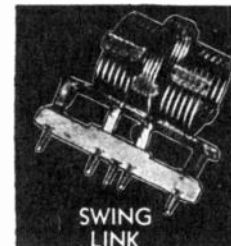
End Link Type

Number	Band	Net
AR16-6E	6	\$ 1.15
AR16-10E	10	1.15
AR16-20E	20	1.15
AR16-40E	40	1.15
AR16-80E	80	1.15

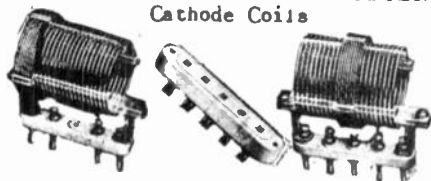
Center Link Type

Number	Band	Net
AR16-6C	6	\$ 1.15
AR16-10C	10	1.15
AR16-20C	20	1.15
AR16-40C	40	1.15
AR16-80C	80	1.15

Swinging Link Type



Number	Band	Net
AR16-10S	10	\$ 1.15
AR16-20S	20	1.15
AR16-40S	40	1.15
AR16-80S	80	1.15

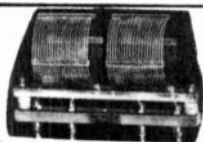
MILLENCOILS FOR MILLEN EXCITER
Cathode Coils

Number	Band	Net
43640	40	\$.90
43680	80	.90
43660	160	.90

PLATE COILS

Number	Band	Link	Net
43011	10	Center	\$1.25
43012	10	End	1.25
43021	20	Center	1.25
43022	20	End	1.25
43041	40	Center	1.25
43042	40	End	1.25
43081	80	Center	1.25
43082	80	End	1.25

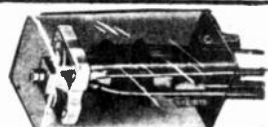
41305 Socket for above. Net \$.45

**500 WATT INDUCTORS**

Number	Band	Net
42010	10	\$ 2.85
42020	20	2.85
42040	40	2.85
42080	80	2.85

Jack Bar & Swinging Link for above:
No. 42500 Net \$ 4.35**COILS FOR R-9'er**

Number	Band	Net
46906	6 M	\$ 3.15
46920	20 M	3.15

**I. F. TRANSFORMERS**
Air Trimmed - Air Core

Number	I. F.	Type	Net
63456	456	BFO	\$ 4.50
60501	5000	Interstage	4.50
60502	5000	Diode	4.50
60503	5000	FM Interstage	4.50
60504	5000	FM Disc.	4.50
63503	5000	BFO	4.50
63163	1600	BFO	4.50

Air Trimmed - Iron Core

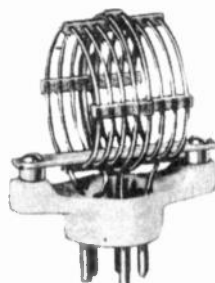
Number	I. F.	Type	Net
62161	1600	Interstage	\$4.50
62162	1600	Diode	4.50

Permeability Tuned

Number	I. F.	Type	Net
64456	456	Interstage	\$2.25
64454	456	Diode	2.25
65456	456	BFO	2.25

Deluxe Permeability Tuned

Number	I. F.	Type	Net
64161	1600	Interstage	\$2.50
65163	1600	BFO	2.25

OSCILLATOR & BUFFER COILS
75 WATT**Fixed End-Link - Not Center Tapped**

Number	Band	Cap. MMFD.	Net
OEL-160	160M	90	\$ 1.44
OEL-80	80M	75	1.32
OEL-40	40M	50	1.32
OEL-20	20M	33	1.32
OEL-15	15M	30	1.32
OEL-10	10M	28	1.29
OEL-5	5M	18	1.06

Fixed Center Link - Center Tapped

Number	Band	Cap. MMFD.	Net
OCL-160	160 M	90	\$ 1.44
OLC-80	80 M	75	1.32
OCL-40	40 M	50	1.32
OLC-20	20 M	33	1.32
OCL-15	15 M	30	1.32
OCL-10	10 M	28	1.29
OCL-5	5 M	18	1.06

Adjustable Center Link, Center Tap.

Number	Band	Cap. MMFD.	Net
OLS-160	160 M	95	\$ 1.44
OLS-80	80 M	75	1.32
OLS-40	40 M	50	1.32
OLS-20	20 M	33	1.32
OLS-15	15 M	25	1.32
OLS-10	10 M	21	1.29

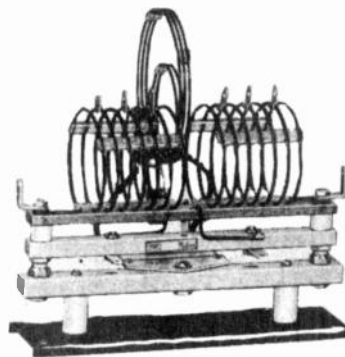
Adjustable End Link - Center Tapped

Number	Band	Cap. MMFD.	Net
OES-80	80 M	75	\$ 1.32
OES-40	40 M	50	1.32
OES-20	20 M	33	1.32
OES-10	10 M	21	1.29

WALTER ASHE RADIO CO.
MALLORY**INDUCTUNER****MALLORY "INDUCTUNER"**

Three separate variable inductances on common shaft. Range in microhenries, .02 to 1.0. Will cover FM and Television bands, (44-216 MC). Complete with instructions and typical circuit.

Net \$ 29.40

**UNIVERSAL ANT. MATCHING COILS****Fixed Tap Link**

Supplied in two ratings, 500 watts and 1 K.W., and in two frequency ranges.

Number	Rating	Range	Net
ACV-1	500 W	160-80-40	\$5.05
ACV-2	500 W	20-15-10	4.06
ACM-1	1 Kilowatt	160-80-40	9.70
ACM-2	1 Kilowatt	20-15-10	8.00

Adjustable Link

Same as above but for use with swinging link.

Number	Rating	Range	Net
VLA-1	500 W	160-80-40	\$4.44
VLA-2	500 W	20-15-10	3.38
MLA-1	1KW	160-80-40	8.09
MLA-2	1KW	20-15-10	6.47

Mounting Bases and Links

Number	For	Net
AM-1963	VLA Types	\$ 3.50
AM-1964	MLA Types	4.94

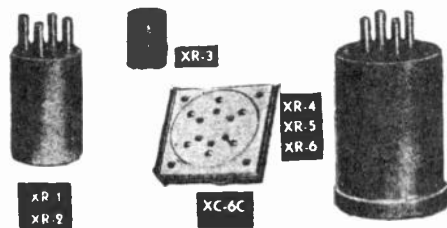
**"Ahead of the Parade"...
SERVICE... FACILITIES
...VALUES.**

Walter Ashe Radio Co. has long been recognized as the reliable source for a complete line of dependable radio and electronics equipment for every conceivable purpose. Amateurs, particularly, have learned to depend on Walter Ashe for prompt and efficient handling of their requirements.

**"SURPRISE" TRADE-IN
ALLOWANCES...**

Your Receiver may be worth far more than you think! Yes, the "Surprise" trade-in allowances offered by Walter Ashe on your used equipment are truly the Sensation of the industry. Act now. Get your trade-in deal working today. Simply write, wire or phone us what you have to trade. We'll take it from there.

NATIONAL PLUG-IN COIL FORMS



Molded of R-39

Number	Dia.	Length	Prongs	Net
XR-1	1	1 1/4	4	\$.33
XR-2	1	1 1/4	None	.24
XR-3	9/16	3/4	None	.21
XR-4	1 1/2	2 1/4	4	.51
XR-5	1 1/2	2 1/4	5	.51
XR-6	1 1/2	2 1/4	6	.51

Special socket for XR-6 Form.

No. XC-6C Net \$.51

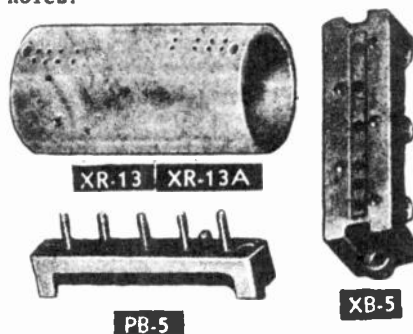
"XR" FORM AND FITTINGS
Diameter 1 1/4", winding length 1 1/4"



Number	Coil Form	Net
XR-16	Coil Form	\$.42
PB-16	Plug	.27
XB-16	Socket	.33

BUFFER COIL FORMS AND FITTINGS

Unglazed Isolantite with mounting holes.



Number	Diam.	Wind. Length	Net
XR-13	1 1/4	2 1/4	\$.75
XR-13A	1	2 1/4	.42
PB-5		Plug for either above.	.51
XB-5		Socket for either above.	.51

BLANK PERMEABILITY TUNED FORM

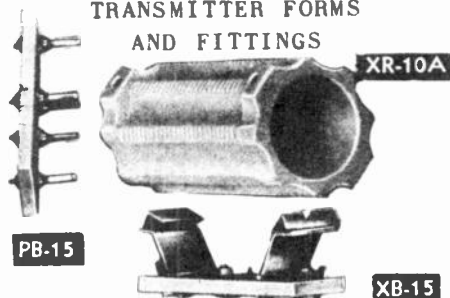


3/8" Iron slug type. Winding length 11/16", winding diameter 1/2".

Number	Net
XR-50	\$ 1.01

COIL FORMS

TRANSMITTER FORMS AND FITTINGS



Ceramic type, with mounting holes.

Number	Wind. Diam.	Wind. Length	Net
XR-10 ^a	2 1/4	3 3/4	\$.99
PB-15		Plug for above.	.90
XB-15		Socket for above.	1.20
UR-10 ^a		Complete assembly.	3.00

FIXED TUNED EXCITER TANK

Includes unwound form and two 25 Mmfd. 2000 volt air condensers.



Number	Description	Net
FXT	Less Plug-in base	\$ 3.00
FXTB-5	With 5 prong base	3.30
FXTB-6	With 6 prong base	3.30

PLUG-IN BASE AND SHIELD

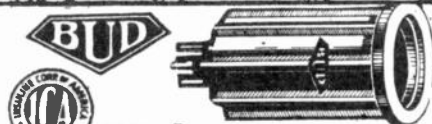
R-39 form with or without shield can.

Number	Description	Net
PB-10-5	5 prong base & shield.	\$.51
PB-10-6	6	.51
PB-10-A-5	5 prong base only.	.27
PB-10-A-6 Y		.27

H.F. POLYSTYRENE COIL FORMS



Number	Diam.	Length	Net
PRC-1	3/8	3/8	\$.12
PRC-2	3/8	1/2	.12
PRC-3	3/8	3/4	.12
PRD-1	1/2	1/2	.12
PRD-2	1/2	1	.12
PRE-1	9/16	3/4	.15
PRE-2	9/16	1	.15
PRE-3	9/16	2	.21
PRF-1	3/4	3/4	.21
PRF-2	3/4	1 1/4	.27



PLUG-IN COIL FORMS

Three sizes available. 1 1/2" forms have shoulder inside for padder condenser.

No.	2670	4 Pr.	2 1/2" Diam.	Net	\$
No. 2671	5	2 1/4		.62	
No. 2672	6	2 1/4		.65	
No. CF-125	4	1 1/4		.35	
No. CF-126	5	1 1/4		.35	
No. CF-310	6	1 1/4		.38	
No. CF-594	4	1 1/4		.27	
No. CF-595	5	1 1/4		.30	
No. CF-596	6	1 1/4		.30	

STANDARD PLUG-IN COIL FORMS

All made of 912^a Polystyrene.

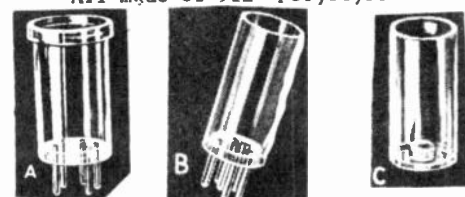


Figure "A"

Number	Diameter	Prongs	Net
24-4P	1 1/4	4	\$.37
24-5P	1 1/4	5	.40
24-6P	1 1/4	6	.44

Miniature Plug-In.

Figure "B"

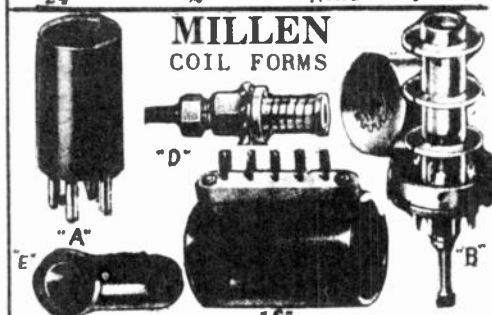
Number	Diameter	Prongs	Net
24-5H	3/4	5	\$.29
24-6H	3/4	6	.29

Miniature Coil Form

Figure "C"

Number	Diameter	Prongs	Net
24	3/4	None	\$.11

MILLEN COIL FORMS



Midget forms of low loss molded mica base phenolic.

Figure "A"

Number	Diameter	Prongs	Net
45000	1"	None	\$.35
45004	1"	4	.45
45005	1"	5	.45

Permeability tuned, shielded plug-in form. Octal base, polystyrene 1/2" coil form. Iron tuning slug, H.F. Type, adjustable.

Figure "B"

Number	Slug	Net
74001	Iron-core	\$ 1.85
74002	None	1.50

"Quartz Q" blank forms with 5 prong plug. Two sizes. Figure "C".

Number	Diameter	Length	Net
43001	1 5/16"	2"	\$.90
44001	1 7/8"	3 1/4"	1.20

Ultra high form. Permeability tuned.

Number	Figure "D"	Net
69041		\$.60

Figure "E"

"Quartz Q" forms, four sizes.

Number	Diameter	Length	Net
47001	1 1/8"	2 1/8"	\$.10
47002	1 1/4"	2 5/8"	.15
47003	1 3/4"	2"	.35
47004	1 7/8"	4"	.45



ANTENNA COILS

Number	Description	Net
14-1004	Std. Shld.	\$.74
14-1010	Std. Unshld.	.56
14-1022	Std. Unshld. Midget	.50
14-1026	Univ. Adj. Unshld.	1.03
14-1030	Airplane, Adj.	2.27
14-1041	Adj. SW. 1.7-5.3 MC Uns.	1.03
14-1044	" 5.3-16.5 "	1.03
14-2436	1 3/8 Sq. 2 H. Shld.	.74
14-7413	Univ. Adj. Shld.	1.65

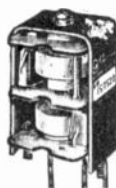
R. F. COILS

Number	Description	Net
14-1005	Std. Shld.	\$.74
14-1011	Std. Unshld.	.56
14-1023	Std. Unshld. Midget	.50
14-1027	Univ. Adj. Unshld.	1.03
14-1042	Adj. SW. 1.7-5.3 MC Uns.	1.03
14-1045	" 5.3-16.5 "	1.03
14-2437	1 3/8 Sq. 2 H. Shld.	.74
14-7558	Univ. Adj. Shld.	1.65

OSCILLATOR COILS

Number	Description	Net
14-1028	Univ. Adj.	\$ 1.03
14-1032	Airplane, 195-410 KC	1.65
14-1033	456 KC, for 6SA7	.62
14-1040	Univ. Tapped Pri. Unshld.	1.18
14-1043	Adj. SW. 1.7-5.3 MC Unsh.	1.03
14-1046	" 5.3-16.5 "	1.03
14-3732	175 KC Unshld.	.62
14-4034	456 KC Unshld.	.62
14-4242	175 KC Shld.	.79
14-4243	456 KC Shld.	.79
14-6590	262 KC Shld.	.62
14-6592	370 KC Shld.	.62
14-7560	Univ. Adj. Shld.	1.65

AIRPLANE TRANSFORMERS



Number	Description	Net
14-1030	Antenna, 195-410 KC	\$ 2.27
14-1031	Mixer, 195-410 KC	2.27
14-1032	Oscillator, 195-410 KC	1.65

PLUG-IN COILS FOR MEISSNER 3 TUBE KITS



Number	Description	Net
18-2940	70-200 Meter Coil	\$.50
18-2941	35-70 " "	.50
18-2942	17-35 " "	.50
18-2944	545-1500 " "	1.24

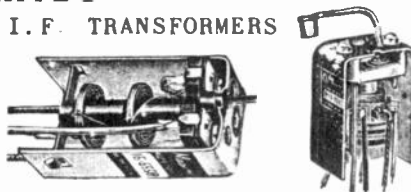
"SLIPOVER" PRIMARY



14-6852	1" Size Winding	Net \$.21
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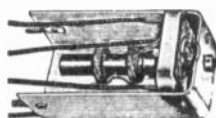
Meissner

I. F. TRANSFORMERS



Number	Description	Net
16-3731	175 KC CT. Out. Airtune	\$ 1.24
16-3736	456 KC CT. Out.	1.24
16-5700	175 KC Input Airtuned	1.24
16-5702	175 KC Output "	1.24
16-5704	262 KC Input "	1.24
16-5706	262 KC Output "	1.24
16-5712	456 KC Input "	1.24
16-5714	456 KC Output "	1.24
16-5728	175 KC Input Iron Core	1.65
16-5730	175 KC Output " "	1.65
16-5740	456 KC Input " "	1.65
16-5742	456 KC Output " "	1.65
16-6133	456 KC Interstage, Iron	1.24
16-6649	175 KC Input, Plastic	.83
16-6650	175 KC Inter.	.83
16-6651	175 KC Output "	.83
16-6658	456 KC Input "	.83
16-6659	456 KC Inter.	.83
16-6660	456 KC Output "	.83
16-6662	456 KC Input Ferro	1.26
16-6663	456 KC Out pt	1.26
16-6666	456 KC Input Midget	.83
16-6667	456 KC Output "	.83
16-8091	1500 KC Input, Ferro	1.65
16-8099	1500 KC Output "	1.65

FM-AM TRANSFORMERS



Number	Description	Net
16-6665	IF, 10.7 MC Permeability	\$ 2.21
16-6672	456 KC, 10.7 MC Iron,	3.98
17-3484	Discriminator, 10.7 MC	2.94
17-3485	Ratio Detector	3.82

PHONOGRAPH OSCILLATOR COILS



Number	Description	Net
17-9373	Knob adjustment for Freq.	1.65

B. F. O. COILS



Number	Description	Net
17-6753	290-650 KC, Mica tuned	\$ 1.44

"TWEET" FILTER OUTPUT I. F.



Number	Description	Net
16-6670	Plastic IF	\$ 1.32

CO

J. W. MILLER FM I.F. Transformers

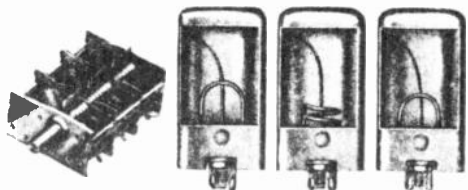
(10.7 MC)



Permeability tuned 10.7 MC IF transformer. Ceramic condensers incorporated.

Number	Description	Net
1451	10.7 MC Interstage	\$ 2.21
1452	10.7 MC Discriminator	2.94

Signal Frequency Coils



Unique construction permits close inductance control and excellent stability. Tuned with Miller FM Variable condenser listed below. Solder lug terminals on bottom.

Number	Description	Net
1454	88-108 MC Antenna coil	\$ 1.76
1455	88-108 MC RF coil	1.76
1456	88-108 MC Oscillator (10.7 MC IF)	1.76

FM VARIABLE CONDENSER

A 3 gang tuning condenser especially designed for use with above coils. Rigid construction, wide space plates. Range from 7-30 mmfd. 3/8" diam. shaft.

Number	Description	Net
1458	3 gang FM tuning condenser	\$ 4.41

Converter Output Transf



For use with UHF and VHF converters to enable use of lower frequency receivers.

Number	Frequency range	Net
512-QT	500-550	\$ 1.18
512-WT	1400-1600	1.18
512-XT	2900-3100	1.18
512-YT	4500-5500	1.18

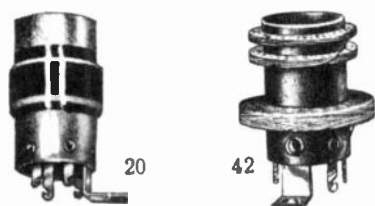
Miniature I.F. Transf



Designed for use in "personal" radios or any receiver where space is limited. Molded plastic frame with built-in silver mica condensers. Only 1/2" square by 2" high. Supplied with snap ring mounting clip.

Number	Description	Net
12-H1	262KC Input IF	\$ 1.32
12-H2	262KC Output IF	1.32
12-C1	455KC Input IF	1.18
12-C2	455KC Output IF	1.18

ECONOMY T.R.F. COILS



For experimental and low-cost sets. High efficiency. Use with .000365 condenser. Unshielded. Dimensions, 1 diameter, 2 3/8" high.

Number	Use	Range	Net
20-A	Antenna	540-1750	\$.36
20-RF	RF	540-1750	.36

TAPPED ECONOMY T.R.F. COILS

Same as coils listed above with tapped secondary. To include frequencies to 4000 KC. DPDT switch required for band change.

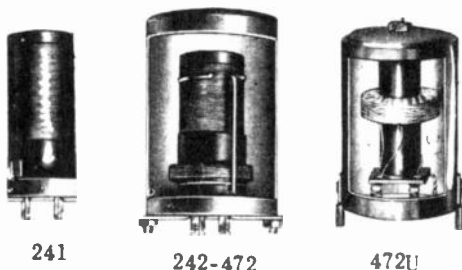
Number	Use	Range	Net
20-TA	Antenna	540-4000	.39
20-T-RF	RF	540-4000	.39

HIGH GAIN T.R.F. COILS

Similar to above coils, higher gain. Use with .000365 condenser. Dimensions 1 3/8" height, 2" diameter.

Number	Use	Range	Net
42-A	Antenna	540-1600	\$.53
42-RF	RF	540-1600	.53

DELUXE BANK WOUND COILS



Shielded.

Tune with .000365 condenser.

Number	Use	Range	Net
242-A	Antenna	540-1750	\$.88
242-BP	Band Pass	540-1750	.73
242-RF	RF	540-1750	.88

Unshielded.

Number	Use	Range	Net
241-A	Antenna	540-1750	\$.59
241-RF	RF	540-1750	.59

THREADED SOLENOID COILS

Shielded. Tune with .000365 condenser for T.R.F. or Super Het circuit.

Number	Use	Range	Net
472-A	Antenna	540-1700	\$.88
472-RF	RF	540-1700	.88
472-BP	Band Pass	540-1700	.88

UNTUNED ANTENNA & R.F. COILS

Broadly resonant throughout standard broadcast band, 540-1700 KC. Diameter 1 5/8", 2 1/2" high.

Number	Use	Net
472-LA	Antenna	\$ 1.03
472-LT	RF	1.32

Miller Coils

OSCILLATOR COILS



MIDGET

For use with .000365 condenser, 540-1600 KC. Unshielded. Diameter 1" x 1"

Number	I.F.	Pad.	Net
5480-K	175 KC	.001	\$.59
5480-C	455 KC	.0004	.59

TAPPED MIDGET

Number	I.F.	Pad.	Net
5481-K	175 KC	.001	\$.59
5481-H	262 KC	.006	.59
5481-J	370 KC	.005	.59
5481-C	455 KC	.0004	.59

Tunes with .000365 condenser. 540-1700 KC. Unshielded.

Number	I.F.	Pad.	Net
480-C	455 KC	.0004	\$.88

WAVE TRAPS



Series 812 shielded. Eliminate interference from amateur and broadcast stations. Connect in series with antenna.

Number	Band	KC Range	Net
812-BC1	Broadcast	1200-1600	\$ 1.03
812-BC2	Broadcast	800-1200	1.03
812-BC3	Broadcast	500-800	1.03
812-B	Amateur	80 M	1.03
812-C	Amateur	40 M	1.03
812-D	Amateur	20 M	1.03
812-E	Amateur	10 M	1.03

Dual type. Contains both series and parallel resonant circuits. Will trap two different stations.

Number	Band	KC Range	Net
813-BC1	Broadcast	900-1600	\$ 2.21
813-BC2	Broadcast	500-900	2.21

NEGATIVE MUTUAL COUPLING COIL



Use in Hi-Fidelity tuners. Shielded. Dimensions, 1 7/8" diameter. Height 2".

Number	Net
EL-56	\$.59

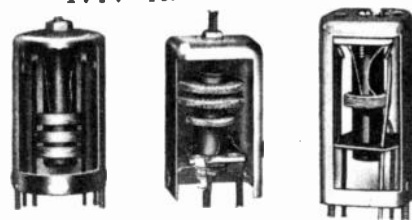
10 KILOCYCLE FILTER



Used to eliminate 10 KC whistle. Range, 7500 to 12000 Cy.

No.	Use	Net
EL-58	10 KC Filt.	\$3.53

I.F. TRANSFORMERS



IRON-CORE COILS

Exceptionally high "Q". Sectional dual-lateral wound. Use with .000365 condenser. 1 1/2" diameter, 2" high. Shielded.

Number	Use	Range	Net
X-624-A	Antenna	190-425	\$ 1.32
X-624-RF	RF	190-425	1.32
X-624-C	Osc. 455 KC		1.32
624-A	Antenna	540-1600	1.03
624-RF	RF	540-1600	1.03
624-C	Osc. 455 KC		1.03

8.5-23 MC COILS

Tune with .000365 condenser.

Number	Use	Net
D-727-A	Antenna	\$.82
D-727-RF	RF	.82
D-727-C	Oscillator 455 KC	.82

12.5-36 MC COILS

Number	Use	Net
E-727-A	Antenna	\$.82
E-727-RF	RF	.82
E-727-C	Oscillator 455KC	.82

DOUBLE-TUNED AIR-CORE I.F.

Shielded. Dimensions, 1 3/8" square. 2 5/8" high. Mica Compression condenser

Number	Freq. KC	Range	Use	Net
512-C1	455	450-475	Input	\$ 1.18
512-C2	455	450-475	Inter-Stage	1.18
512-C3	455	450-475	Full Wave	1.18
512-C4	455	450-475	Half Wave	1.18
512-W1	1500	1400-1600	Input	1.18
512-W2	1500	1400-1600	Inter-Stage	1.18
512-W3	1500	1400-1600	Full Wave	1.18
512-W4	1500	1400-1600	Half Wave	1.18

DOUBLE-TUNED IRON CORE I.F.

Core of high quality powdered iron. Mica Compression condenser. Dimensions, 1 3/8" square, 3 1/4" high.

Number	Freq. KC	Range	Use	Net
612-C1	455	450-475	Input	\$ 1.62
612-C2	455	450-475	Inter-Stage	1.62
612-C3	455	450-475	Full Wave	1.62
612-C4	455	450-475	Half Wave	1.62
612-W1	1500	1400-1600	Input	1.62
612-W2	1500	1400-1600	Inter-Stage	1.62
612-W3	1500	1400-1600	Full Wave	1.62
612-W4	1500	1400-1600	Half Wave	1.62

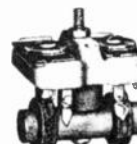


PHONO SCRATCH FILTER

Will reduce needle scratch in high impedance pickup. Frequency range, 2000 to 3000 Cy.

Number	Net
EL-59	\$ 4.41

CARTWHEEL I.F. TRANSFORMER



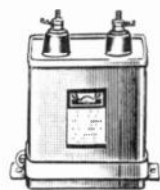
Compact double tuned unshielded IF for use where space is limited. Use in all stages. Freq. 425-500 KC.

No.	Net
1212-C	\$ 1.03

CORNELL**DUBILIER**

DYKANOL TRANSMITTING COND

MICA CONDENSERS



TJU

TLA



Type TJU

Number	Capacity	D.C.W.V.	Net
TJU 6010	1	600 VDC	\$ 3.09
TJU 6020	2		3.82
TJU 6040	4		4.85
TJU 6050	5		5.59
TJU 6060	6		6.03
TJU 6080	8		7.20
TJU 6100	10		8.09
TJU 10010	1	1000 VDC	3.38
TJU 10020	2		4.41
TJU 10040	4		5.79
TJU 10060	6		7.50
TJU 10080	8		8.09
TJU 15005	5	1500 VDC	3.38
TJU 15010	1		3.97
TJU 15020	2		5.59
TJU 15040	4		7.50
TJU 15060	6		9.12
TJU 15080	8		11.17
TJU 20010	1	2000 VDC	4.85
TJU 20020	2		5.73
TJU 20040	4		8.09
TJU 20080	8		13.38
TJU 25005	5	2500 VDC	6.18
TJU 25010	1		7.06
TJU 25020	2		11.47
TJU 25040	4		16.03
TJU 30005	5	3000 VDC	8.98
TJU 30010	1		10.73
TJU 30020	2		13.38
TJU 30040	4		19.70
TJU 40005	5	4000 VDC	16.03
TJU 40010	1		19.70
TJU 40020	2		24.99
TJU 40040B	4		35.72
TJU 50010	1	5000 VDC	22.34
TJU 50020	2		28.67

Type TLA

Number	Capacity	D.C.W.V.	Net
TLA 6020	2	600 VDC	\$ 2.44
TLA 6040	4	600 VDC	3.35
TLA 10010	1	1000 VDC	2.23
TLA 10020	2	1000 VDC	2.91
TLA 15005	.5	1500 VDC	2.68
TLA 15010	1	1500 VDC	2.91

MIDGET HEARING AID CONDENSERS

Extremely small for all makes of hearing aids.

Number	Size	Voltage	Net
ZN1P1	1/10	150	\$.63
ZN1S5	.05	150	.57
ZN2S1	.01	200	.45
ZN2S2	.02	200	.45
ZN4D2	.002	400	.45
ZN4D5	.005	400	.45
ZN6D1	.001	400	.45
ZN2D6	.001	600	.45

**MALLORY**30 Mfd. 450 W.V.D.C. Can type electrolytic condenser. Separate leads.
Size 1 3/8" x 3"

No. R.S. 223

NET \$1.76

1000 V.D.C. Test
600 V.D.C. Working

Number	Capacity	Net
9-14050	.00005	\$.50
9-13010	.0001	.50
9-13025	.00025	.50
9-13050	.0005	.50
9-12010	.001	.50
9-12020	.002	.53
9-12025	.0025	.59
9-12030	.003	.71
9-12040	.004	.71
9-12050	.005	.71
9-12060	.006	.82
9-12080	.008	.97
9-11010	.01	1.15
9-11015	.015	1.32
9-11020	.02	1.53
9-11025	.025	1.88
9-11030	.03	2.03
9-11040	.04	2.65
9-11050	.05	3.15
9-11060	.06	3.65

2500 V.D.C. Test
1200 V.D.C. Working

9-24050	.00005	.59
9-23010	.0001	.59
9-23025	.00025	.59
9-23050	.0005	.59
9-22010	.001	.73
9-22020	.002	1.12
9-22025	.0025	1.18
9-22030	.003	1.29
9-22040	.004	1.29
9-22050	.005	1.41
9-22060	.006	1.41
9-22080	.008	1.82
9-21010	.01	2.29
9-21015	.015	2.74
9-21020	.02	3.21
9-21025	.025	3.59
9-21030	.03	3.76

5000 V.D.C. Test
2500 V.D.C. Working

9-54050	.00005	.73
9-53010	.0001	.73
9-53025	.00025	.88
9-53050	.0005	1.00
9-52010	.001	1.21
9-52020	.002	1.82
9-52025	.0025	2.03
9-52030	.003	2.23
9-52040	.004	2.56
9-52050	.005	2.76
9-52060	.006	2.85
9-52080	.008	3.12
9-51010	.01	3.35
9-51015	.015	3.65

CERAMIC PADDING CONDENSERS

Adjustable

Capacity	Net
3-30	\$.18
4-50	.30
12-120	.30
100-500	.33
360-1000	.36

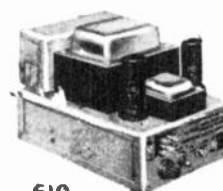
ZERO AND NEGATIVE
TEMPERATURE COEFFICIENT
CAPACITORS.

Ceramic tube, stable frequency compensators.

Cap. Mmfd.	Zero Type	Neg. Type	Net Price
1	CC20Z	----	\$.36
2	CC20Z	CC20N	.36
3	CC20Z	CC20N	.36
4	CC20Z	CC20N	.36
5	CC20Z	CC20N	.36
10	CC20Z	CC20N	.36
20	CC25Z	CC20N	.36
25	CC25Z	CC20N	.36
40	CC25Z	CC20N	.36
50	CC32Z	CC20N	.36
75	CC32Z	CC25N	.36
100	CC32Z	CC25N	.36
125	-----	CC32N	.36
125	CC35Z	-----	.48
150	-----	CC32N	.36
150	CC35Z	-----	.48
175	-----	CC32N	.36
175	CC35Z	-----	.48
200	-----	CC32N	.36
200	CC35Z	-----	.48
250	-----	CC32N	.36
250	CC45Z	-----	.59
300	-----	CC32N	.36
300	CC45Z	-----	.59
350	-----	CC32N	.36
350	CC45Z	-----	.59
400	-----	CC35N	.48
450	-----	CC35N	.48
500	-----	CC35N	.48
600	-----	CC45N	.59
700	-----	CC45N	.59
800	-----	CC45N	.59
1000	-----	CC45N	.59

**ELECTRONIC LABORATORIES
CONVERTERS**

307



619



204

"ELECTRONIC LAB." CONVERTERS

No.	Input	Output	Watts	Net
308	6 VDC	115 VAC	10	\$ 9.00
307	6 VDC	115 VAC	100	24.00
2120	115 VDC	115 VAC	25	7.17
261	115 VDC	115 VAC	75	17.40
204	115 VDC	115 VAC	150	23.10
619	6DC-115AC	300 VDC	60	24.00
902	115 VAC	6 VDC	10 amp.	45.00

SPRAGUE

"TC" Tubulars, 600 W.V.D.C.



"600 Line"

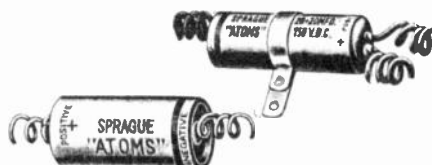
Number	Capacity	Net
TC-31	.0001	\$.15
TC-325	.00025	.15
TC-34	.0004	.15
TC-35	.0005	.15
TC-21	.001	.15
TC-22	.002	.15
TC-23	.003	.15
TC-24	.004	.15
TC-25	.005	.15
TC-26	.006	.15
TC-11	.01	.18
TC-12	.02	.18
TC-13	.03	.21
TC-14	.04	.21
TC-15	.05	.24
TC-16	.06	.24
TC-1	.1	.27
TC-2	.25	.33
TC-5	.5	.48
TC-10	1.0	.73

Type "SW"

Metal case tubular, H.F. type. For bypass, buffer etc.

Number	Capacity	Volt	Net
SW-22	.002	1500	\$.42
SW-25	.005	1500	.42
SW-11	.01	1500	.66
SW-12	.02	1500	.69
SW-15	.05	1000	.75
SW-1	.1	1000	.83

DRY ELECTROLYTIC TUBULARS



Number	Capacity	Volts	Leads	Net
TU-220	20-20	150	4	\$ 1.18
TU-420	20-40	150	4	1.38
TA-330	30-30	150	3	.88
TA-440	40-40	150	3	1.00
TA-530	50-30	150	3	1.00
TU-88	8-8	450	3	1.24

INTERFERENCE FILTERS



Number	Use	Net
I.F.37	Fluorescent	\$.88

HIGH CAPACITY - LOW VOLTAGE



Can type for "A" eliminators, etc. Surge 12 volts.

Number	Capacity	Volts	Net
HLV-206	2000	6	\$ 2.82

DRY REPLACEMENTS FOR WET ELECTROLYTICS

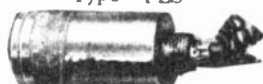
Type "WR"



Will stand high surges, separate leads.

Number	D.C.W.V.	Surge	Net
WR-8 Mfd.	500	600	\$ 1.47
WR-16	500	600	2.24
WR-25	500	600	2.35

Type "PLS"



"Tiny Mike" Midget size condensers. Size 1 3/8" x 2 15/16". Separate leads. D.C.W.V. 450, 525 surge.

Number	Capacity	Net
PLS-20	20	\$ 1.56
PLS-40	40	2.00
PLS-88	8-8	1.62

Type "CL"



Separate leads, 475 volt working, 600 volt surge.

Number	Cap.	Diam.	Length	Net
CL-8	8	1 3/8	4 7/16	\$ 1.32
CL-16	16	1 1/2	4 7/16	2.06
CL-88	8-8	1 1/2	4 15/16	2.15

Type "LS"



Can type replacement for old sets. Work 450 volts, surge 525. Can negative.

Number	Capacity	Net
LS-16	16	\$ 1.41

PLASTICONS

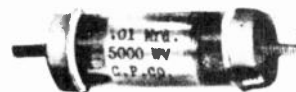


Mineral oil impregnated and filled. Hermetically sealed, operate in any position. Conservatively rated. Porcelain insulators on types C6C, C1M, C2M. Metallized glass standoffs on all others. Mounting brackets supplied.

DC RECTANGULARS

Number	Cap.	DC Volts	Net
AOC6C1	1.0	600	\$ 2.00
AOC6C2	2.0		2.41
AOC6C4	4.0		3.00
AOC6C8	8.0		4.53
AOC6C10	10.0		5.09
AOC1M1	1.0	1000	2.15
AOC1M2	2.0		2.88
AOC1M4	4.0		3.50
AOC1M8	8.0		4.94

PLASTICON GLASSMIKES



Small vacuum tight condensers for bypass, coupling uses in television, oscilloscopes, Geiger counters.

Number	Cap.	Volts DC	Net
ASG1	.01	600	\$.88
ASG2	.02		.94
ASG3	.05		1.03
ASG4	.1		1.15
ASG5	.25		1.32
ASG6	.5		1.53
ASG7	.005	1000	.88
ASG8	.01		.94
ASG9	.02		1.00
ASG10	.05		1.09
ASG11	.1		1.27
ASG12	.25		1.47
ASG13	.002	2000	1.12
ASG14	.005		1.21
ASG15	.01		1.32
ASG16	.02		1.47
ASG17	.05		1.65
ASG18	.1		1.88
ASG19	.25		2.18
ASG20	.001	3000	3.03
ASG21	.002		3.09
ASG22	.005		3.18
ASG23	.01		3.29
ASG24	.02		3.44
ASG25	.05		3.62
ASG26	.1		3.82
ASG27	.001	5000	3.82
ASG28	.002		3.94
ASG29	.005		4.09
ASG30	.01		4.27
ASG31	.02		4.50
ASG32	.05		4.80
ASG33	.1		5.35
ASG34	.001	7500	4.12
ASG35	.002		4.26
ASG36	.005		4.44
ASG37	.01		4.85
ASG38	.02		5.44
ASG39	.05		6.76
ASG40	.0005	10000	4.29
ASG41	.001		4.41
ASG42	.002		4.59
ASG43	.005		5.29
ASG44	.01		6.17
ASG45	.02		7.35
ASG46	.03		8.82
ASG47	.0005	15000	8.53
ASG48	.001		8.71
ASG49	.002		9.11
ASG50	.0005	20000	11.47
ASG51	.001		12.05
ASG52	.0005	30000	13.23
AOC2M1	1.0	2000	3.15
AOC2M2	2.0		3.65
AOC2M4	4.0		4.94
AOC2M8	8.0		8.59
AOC3M1	1.0	3000	6.47
AOC3M2	2.0		8.23
AOC3M4	4.0		11.38
AOC4M1	1.0	4000	14.70
AOC4M2	2.0		17.64
AOC4M4	4.0		26.96
AOC5M1	1.0	5000	17.64
AOC5M2	2.0		22.05
AOC75C1	1.0	7500	26.46
AOC10M1	1.0	10000	47.04

CORNELL



DUBILIER

TUBULAR DRY ELECTROLYTICS



Single Section

Number	Capacity	D.C.W.V.	Net
BR 102A	10	25 VDC	\$.44
BR 252A	25		.50
BR 502	50		.56
BR 550	5	50 VDC	.44
BR 105	10		.47
BR 205	20		.50
BR 255	25		.53
BR 505	50		.62
BR 415	4	150 VDC	.44
BR 815	8		.47
BR 1215	12		.50
BR 1615	16		.53
BR 2015	20		.56
BR 3015	30		.59
BR 4015	40		.65
BR 5015	50		.70
BR 8015	80		.86
BR 825	8	250 VDC	.47
BR 1225	12		.59
BR 1625	16		.65
BR 2025	20		.71
BR 4025	40		.83
BR 445	4	450 VDC	.53
BR 845	8		.56
BR 1245	12		.68
BR 1645	16		.80
BR 2045	20		.88
BR 3045	30		.97
BR 4045	40		1.18
BR 850	8	500VDC	.77
BR 1650	16		1.18

Dual Common Negative

BRL 2115	20-10	150	.74
BRL 2215	20-20	150	.77
BRL 8845	8-8	450	1.00

CAN TYPE DRY ELECTROLYTICS



Single Section

Number	Capacity	D.C.W.V.	Net
KR 508	8	450	\$ 1.03
KR 512A	12	450	1.27
KR 516A	16	450	1.41
KR 608	8	600	2.35
KR 616	16	600	2.94

Dual Separate Section

KR 588A	8-8	450	\$ 1.62
KR 5816A	8-16	450	1.91
KR 5888A	8-8-8	450	2.50

TYPE EB STANDARD SIZE

Number	Capacity	D.C.W.V.	Net
EB 9080	8	450	\$ 1.06
EB 9160	16	450	1.56
EB 8800	8-8	450	1.59

PRONG-BASE DRY ELECTROLYTICS



Single Section

Number	Capacity	D.C.W.V.	Net
UP-1M-15	1000	15	\$1.91
UP-2M-15	2000	15	2.76
UP-1M-25	1000	25	2.09
UP-3015	30	150	.73
UP-5015	50	150	.85
UP-2025	20	250	.85
UP-1045	10	450	.77
UP-1545	15	450	.91
UP-2045	20	450	1.03
UP-3045	30	450	1.12
UP-4045	40	450	1.32
UP-8045	80	450	2.27
UP-2050	20	500	1.56

Dual Section

UP-11M-15	1000-1000	15	2.91
UP-4015C	40-20	150/25	.97
UP-1045C	10-20	450/25	1.15
UP-2045C	20-20	450/25	1.18
UP-2215	20-20	150	.91
UP-3215	30-20	150	.97
UP-3315	30-30	150	1.03
UP-4215	40-20	150	1.03
UP-4315	40-30	150	1.09
UP-5415	50-30	150	1.15
UP-2245	20-20	450	1.56
UP-3345	30-30	450	1.91

Triple Section

UP-2215C	20-20/20	150/25	1.18
UP-4215C	40-20/20	150/25	1.29
UP-5515C	50-50/20	150/25	1.50
UP-2245C	20-20/20	450/25	1.73
UP-4445C	40-40/20	450/25	2.62
UP-22215	20-20-20	150	1.35
UP-44415	40-40-40	150	1.53
UP-15D145	15-15-10	450	1.79

Quadruple Section

UP-111145	10-10-10-10	450	1.91
UP-222245	20-20-20-20	450	2.65

PAPER REPLACEMENTS
FOR ELECTROLYTICS

Cardboard Case

Number	Replaces	D.C.W.V.	Net
PECH 6008	8	600 VDC	\$ 1.91
PECH 6808	8-8	600 VDC	2.35

Metal Case

PEB 6008	8	600 VDC	2.06
PEB 6808	8-8	600 VDC	2.53

AUTO RADIO UNITS



Number	Capacity	Net
FC 2P5V	.5	\$.59
1CV 2W1A	1.0	.79

TUBULAR PAPER BYPASS



Number	Capacity	D.C.W.V.	Net
DT 4S1	.01	400 VDC	\$.15
DT 4S2	.02		.15
DT 4S3	.03		.15
DT 4S4	.04		.15
DT 4S5	.05		.18
DT 4S6	.06		.21
DT 4P1	.1		.21
DT 4P2	.2		.24
DT 4P25	.25		.27
DT 4P5	.5		.36
DT-4W1	1.		.53
DT 6S1	.01	600 VDC	.18
DT 6S2	.02		.18
DT 6S3	.03		.21
DT 6S4	.04		.21
DT 6S5	.05		.24
DT 6S6	.06		.24
DT 6P1	.1		.33
DT 6P2	.2		.33
DT 6P25	.25		.33
DT 6P3	.3		.42
DT 6P5	.5		.47

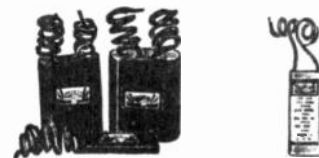
MD 16D1	.001	1600 VDC	.33
MD 16D2	.002		.33
MD 16D5	.005		.33
MD 16D7	.007		.33
MD 16S1	.01		.36
MD 16S2	.02		.36
MD 16S5	.05		.42

BATHTUB PAPER CONDENSERS



Number	Capacity	D.C.W.V.	Net
DA 4011	.1	400 VDC	\$ 1.03
DA 4025	.25		1.18
DA 4050	.5		1.27
DA 4100	1		1.53
DA 4200	2		1.97
DA 6011	.1	600 VDC	1.41
DA 6025	.25		1.50
DA 6050	.5		1.62
DA 6100	1		1.85

UNCASED PAPER CONDENSERS



Number	Capacity	D.C.W.V.	Net
RM 4050	.5	400 VDC	\$.50
RM 4100	1		.68
RM 4200	2		1.06
RM 4400	4		1.76
RM 6010	.1	600 VDC	.47
RM 6025	.25		.53
RM 6050	.5		.62
RM 6100	1		.82
RM 6200	2		1.24
RM 6400	4		2.23

INTERFERENCE FILTER

Razor Type

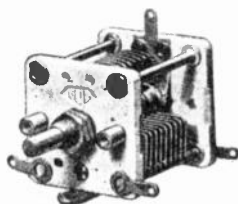
Number	Use	Net
I.F. 22A	Schick, K-M, etc.	\$ 1.62
I.F. 22B	Packard, R.R, etc.	1.62



"CE" MIDGET CONDENSERS



TINY MITE TUNING CONDENSERS



DOUBLE BEARING

Number	Single Spacing			No. Pl.	Net
	Max. Cap.	Min. Cap.	Air Gap		
CE-2000	15	4	.030	3	\$1.38
CE-2001	35	6	.030	7	1.53
CE-2002	50	7	.030	9	1.68
CE-2003	75	8	.030	14	1.94
CE-2004	100	9	.030	18	2.15
CE-2005	150	10	.030	27	2.47
CE-2006	200	11	.030	35	2.79
CE-2007	250	12	.030	44	3.09
CE-2008	300	15	.030	52	3.23

Double Spacing

Number	Max. Cap.	Min. Cap.	Air Gap	No. Pl.	Net
CE-2011	15	5	.060	5	\$1.56
CE-2012	35	7	.060	11	1.77
CE-2013	50	8	.060	15	2.15
CE-2014	75	10	.060	23	2.65
CE-2015	100	13	.060	31	2.94

Triple Spacing

Number	Max. Cap.	Min. Cap.	Air Gap	No. Pl.	Net
CE-2016	35	9	.095	15	\$2.12
CE-2017	50	10	.095	23	2.44
CE-2018	75	14	.095	33	2.85

"CE" MIDGET CONDENSERS

SINGLE BEARING

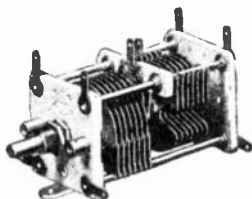
Single Spacing

Number	Max. Cap.	Min. Cap.	Air Gap	No. Pl.	Net
CE-2020	15	4	.030	3	\$1.09
CE-2021	35	6	.030	7	1.18
CE-2022	50	7	.030	9	1.32
CE-2023	75	8	.030	14	1.47
CE-2024	100	9	.030	18	1.53
CE-2025	150	10	.030	27	1.77

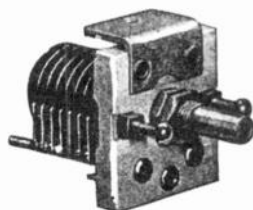
Double Spacing

Number	Max. Cap.	Min. Cap.	Air Gap	No. Pl.	Net
CE-2028	15	5	.060	5	\$1.27
CE-2029	35	7	.060	11	1.29
CE-2030	50	8	.060	15	1.47

"CE" DUAL MIDGET CONDENSERS



Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Air Gap	Pl. Per Sect.	Net
CE-2032	35	6	.030	7	\$ 2.26
CE-2033	50	7	.030	9	2.44
CE-2034	75	8	.030	14	2.94
CE-2035	100	9	.030	18	3.06
CE-2036	150	10	.030	27	3.68
CE-2039	15	5	.060	5	2.65
CE-2040	35	7	.060	11	3.06
CE-2041	50	8	.060	15	3.35



SINGLE SECTION

Number	Max. Cap.	Min. Cap.	Air Gap	No. Pl.	Net
LC-1640	8	2.5	.017	3	\$.79
LC-1641	15	3	.017	5	.91
LC-1642	25	4	.017	9	.97
LC-1643	35	5	.017	13	1.03
LC-1644	50	6	.017	19	1.09
LC-1645	75	7	.017	29	1.29
LC-1646	100	9	.017	37	1.44
LC-1648	10	4	.037	7	1.00
LC-1649	15	5	.037	11	1.09
LC-1650	25	5.5	.037	17	1.29
LC-1651	35	6	.037	21	1.41
LC-1652	50	8	.037	35	1.82
LC-1653	6	3.5	.073	5	1.06
LC-1654	15	5.5	.073	15	1.29
LC-1655	25	9	.073	27	1.77

DUAL SECTION

Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Air Gap	Pl. Per Sect.	Net
LC-1659	8	2.5	.017	3	\$1.85
LC-1660	15	3	.017	5	2.03
LC-1661	25	4	.017	9	2.23
LC-1662	50	6	.017	19	2.32
LC-1663	100	9	.017	37	2.65
LC-1664	10	4	.037	7	1.94
LC-1665	15	5	.037	11	2.15
LC-1666	25	5.5	.037	17	2.29

MIDGET



TWO GANG MID-LINE PLATES

Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Air Gap	Pl. Per Sect.	Net
MC-929A	50	5	.024	7	\$ 2.44
MC-911A	100	6	.024	14	2.74
MC-912A	140	7	.024	19	3.06
MC-942A	20	4	.060	6	2.59
MC-913A	35	5	.060	11	2.74
MC-330A	50	7	.060	15	3.09
MC-331A	75	8	.060	23	3.44
MC-329A	35	9	.095	15	3.09

SEMI-CIRCULAR PLATES

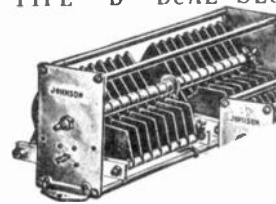
Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Air Gap	Pl. Per Sect.	Net
MC-1883A	50	5	.024	7	\$2.41
MC-1882A	100	7	.024	14	2.68
MC-1884A	20	4	.060	6	2.50
MC-1885A	35	5	.060	11	2.68
MC-1887A	50	7	.060	15	3.03
MC-1888A	75	8	.060	23	3.38

THREE GANG MID-LINE PLATES

Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Air Gap	Pl. Per Sect.	Net
MC-886	20	4	.060	6	\$3.74
MC-887	35	6	.060	11	4.00
MC-888	100	6	.024	14	4.23
MC-889	140	7	.024	19	4.56

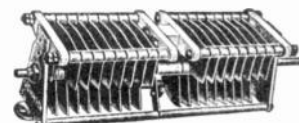
E. F. JOHNSON CO.

TYPE "D" DUAL SECTION

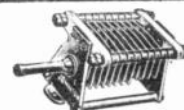


Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Spacing	Net
100DD35	95	13	.080	\$ 5.88
150DD45	155	24	.125	9.12
50DD70	52	15	.175	6.47
70DD70	72	17	.175	7.35
100DD70	97	22	.175	8.53
200DD70	199	39	.175	12.64
50DD90	52	19	.250	7.94
100DD90	97	30	.250	10.44

TYPE "E" DUAL SECTION



Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Spacing	Net
100ED30	99	10	.075	\$5.12
150ED30	153	13	.075	5.88
50ED45	52	10	.125	4.67
70ED45	74	12	.125	5.26
100ED45	100	15	.125	6.18



TYPE "F" DUAL SECTION

Number	Cap. per Sect. Max.	Cap. per Sect. Min.	Spacing	Net
70FD30	66	10	.075	\$5.18
100FD30	99	13	.075	6.03

On all condensers listed above first part of the type number indicates the capacity per section in Mmfd. Last number multiplied by 100 is the approximate peak breakdown voltage.

TYPE "N" CONDENSERS



Compact, low-cost neutralizing condensers. Peak R.F. breakdown ratings at 2 MC - N-125, 8500; N-250, 11500; N-375, 14500

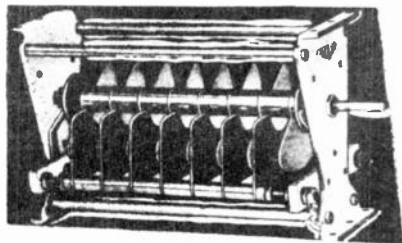
Number	Capacity Max.	Capacity Min.	Spacing	Net
N125	11	1.1	.125	\$3.53
N250	10.6	1.4	.250	3.98
N375	10.7	1.7	.375	5.00

TRY OUR FAST AND RELIABLE PHONE
ORDER SERVICE, JUST CALL

CHESTNUT 1125

AND WE'LL TAKE IT FROM THERE.

MASTER TRANSMITTING COND. SINGLE SECTION



Number	Max. Cap.	Min. Cap.	No. Pl.	Air Gap	Net
BC-1600	40	7	5	.100	\$5.20
BC-1601	55	8	7	.100	5.73
BC-1602	70	9	9	.100	6.17
BC-1603	100	13	13	.100	6.49
BC-1604	150	17	17	.100	6.79
BC-1605	250	22	29	.100	7.79
BC-1606	340	27	39	.100	9.29
BC-1607	25	10	5	.200	5.82
BC-1608	35	11	7	.200	6.17
BC-1609	50	13	11	.200	6.53
BC-1610	75	16	15	.200	7.06
BC-1611	100	20	21	.200	7.50
BC-1612	145	35	29	.200	8.97
BC-1613	35	14	9	.300	6.77
BC-1614	55	18	15	.300	7.79
BC-1615	75	21	21	.300	8.94
BC-1616	100	28	29	.300	9.70
BC-1617	30	15	9	.375	7.06
BC-1618	50	22	15	.375	8.17
BC-1619	75	28	25	.375	10.29

JUNIOR SINGLE SECT. COND.

Number	Max. Cap.	Min. Cap.	No. Pl.	Air Gap	Net
JC-1525	50	4	7	.051	\$2.15
JC-1526	100	7	13	.051	2.32
JC-1527	145	9	19	.051	2.71
JC-1528	250	12	33	.051	3.38
JC-1529	340	15	43	.051	4.46
JC-1530	25	4	5	.078	2.12
JC-1531	35	6	7	.078	2.21
JC-1532	55	8	11	.078	2.27
JC-1533	80	9	15	.078	2.62
JC-1534	110	10	21	.078	3.00
JC-1535	150	11	29	.078	3.62
JC-1536	190	15	37	.078	4.47
JC-1537	245	17	47	.078	5.32
JC-1538	20	5	7	.144	2.32
JC-1539	40	7	13	.144	2.56
JC-1540	55	10	17	.144	3.00
JC-1541	80	12	25	.144	3.44
JC-1542	105	15	33	.144	4.00
JC-1543	18	6	7	.175	2.59
JC-1544	40	11	15	.175	3.44
JC-1545	55	13	19	.175	3.85
JC-1546	85	16	31	.175	4.26
JC-1547	100	18	37	.175	4.92

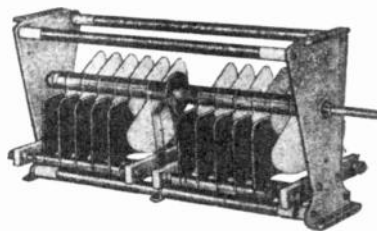
FEED-THROUGH & BASE MOUNTED NEUTRALIZING CONDENSERS



Number	Plate Dia.	Max. Cap.	Min. Cap.	Net
NC-852	1	6	5	\$1.06
NC-853	1 27/32	11	5	2.44
NC-890	1	6	5	1.12



MASTER TRANSMITTING COND. DUAL SECTION

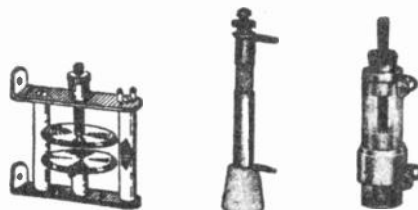


Number	Max. Cap.	Min. Cap.	Pl. Per Sect.	Air Gap	Net
BC-1620A	80	9	7	.070	\$10.58
BC-1621A	100	10	9	.070	11.38
BC-1622A	150	12	13	.070	12.32
BC-1623A	250	15	21	.070	14.41
BC-1624A	40	7	5	.100	10.59
BC-1625A	55	8	7	.100	11.17
BC-1626A	70	9	9	.100	12.64
BC-1627A	100	13	13	.100	13.23
BC-1628A	150	17	17	.100	13.82
BC-1639A	200	20	23	.100	14.41
BC-1635A	25	9	5	.200	12.05
BC-1636A	35	12	7	.200	13.23
BC-1637A	50	13	11	.200	13.73
BC-1638A	75	16	15	.200	15.58
BC-1633A	100	20	21	.200	17.05
BC-1634A	50	15	13	.300	14.41

JUNIOR DUAL SECT. COND.

Number	Max. Cap.	Min. Cap.	Pl. Per Sect.	Air Gap	Net
JC-1550A	20	3	3	.051	\$3.68
JC-1551A	50	5	7	.051	4.70
JC-1552A	70	6	9	.051	5.15
JC-1553A	100	7	13	.051	5.72
JC-1554A	145	9	19	.051	6.67
JC-1569A	200	10	25	.051	7.06
JC-1556A	250	12	33	.051	7.32
JC-1570A	25	4	5	.078	3.88
JC-1571A	35	6	7	.078	4.91
JC-1572A	55	8	11	.078	5.38
JC-1573A	80	9	15	.078	6.20
JC-1561A	110	10	21	.078	7.06
JC-1562A	150	11	29	.078	7.94
JC-1574A	20	5	7	.144	5.56
JC-1575A	40	8	13	.144	5.85
JC-1576A	55	10	17	.144	6.67
JC-1566A	18	6	7	.175	5.88
JC-1567A	40	11	15	.175	7.06

UNIVERSAL NEUTRALIZING & H. F. TUNING COND.

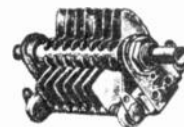


Number	Plate Dia.	Max. Cap.	Min. Cap.	Net
NC-1000	1 27/32	11	5	\$2.44
NC-1001	2 13/16	24	1	3.53
NC-1002	4 3/4	27	6	4.94

COMPACT NEUTRALIZING CONDEN.

Number	Cap. Range MMFD.	Overall Height	Net
NC-1928	.75-4	2 13/16	\$.56
NC-1929	1-6	2 7/16	1.18
NC-1930	2-12	3 7/16	1.56

DOUBLE BEARING MIDGET COND. SEMI-CIRCULAR PLATES



Number	Max. Cap.	Min. Cap.	No. Pl.	Air Gap	Net
MC-1850	15	3	3	.024	\$1.24
MC-1852	33	4	5	.024	1.32
MC-1853	50	5	7	.024	1.47
MC-1855	100	7	14	.024	1.76
MC-1856	140	7	19	.024	1.94
MC-1857	150	8	21	.024	2.00
MC-1858	190	9	27	.024	2.12
MC-1859	235	10	33	.024	2.32
MC-1860	300	12	43	.024	2.59
MC-1861	15	4	5	.060	1.44
MC-1862	35	5	11	.060	1.67
MC-1863	50	7	15	.060	1.79
MC-1864	75	9	23	.060	2.21
MC-1865	100	12	31	.060	2.25
MC-1866	35	8	15	.095	1.94
MC-1867	50	10	23	.095	2.21
MC-1868	75	13	33	.095	2.59

MID-LINE PLATES

Number	Max. Cap.	Min. Cap.	No. Pl.	Air Gap	Net
MC-926	15	3	3	.030	\$1.29
MC-900	25	4	4	.024	1.29
MC-902	35	5	6	.024	1.41
MC-903	50	6	8	.024	1.56
MC-904	75	7	11	.024	1.68
MC-905	100	7	15	.024	1.79
MC-906	140	7	20	.024	1.94
MC-907	150	7	21	.024	2.03
MC-908	190	9	27	.024	2.12
MC-909	250	11	36	.024	2.32
MC-910	300	13	43	.024	2.59
MC-565	15	4	5	.060	1.47
MC-897	35	6	11	.060	1.68
MC-898	50	7	16	.060	1.79
MC-899	75	8	23	.060	2.26
MC-941	100	11	31	.060	2.26
MC-965	35	8	15	.095	2.03
MC-966	50	12	23	.095	2.32
MC-967	75	14	33	.095	2.68

SINGLE BEARING MIDGET COND. SEMI-CIRCULAR PLATES

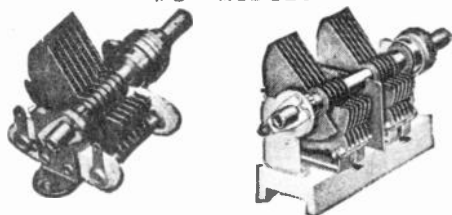
Number	Max. Cap.	Min. Cap.	No. Pl.	Air Gap	Net
MC-1870	15	3	3	.024	\$.73
MC-1872	33	4	5	.024	.79
MC-1873	50	5	7	.024	.85
MC-1875	100	7	14	.024	1.03
MC-1876	140	8	19	.024	1.14
MC-1877	5	2	2	.060	.85
MC-1879	15	4	5	.060	.88
MC-1880	35	5	11	.060	1.12
MC-1881	50	7	15	.060	1.15

MID-LINE PLATES

Number	Max. Cap.	Min. Cap.	No. Pl.	Air Gap	Net
MC-324	10	2	2	.024	\$.79
MC-328	15	3	3	.030	.85
MC-323	25	4	4	.024	.88
MC-322	35	5	6	.024	.94
MC-148	50	5	8	.024	1.00
MC-901	75	6	11	.024	1.09
MC-321	100	6	15	.024	1.15
MC-396	140	7	20	.024	1.27
MC-320	150	7	21	.024	1.75
MC-327	5	2	2	.060	.88
MC-311	15	4	5	.060	.97
MC-319	35	6	11	.060	1.18
MC-312	50	7	16	.060	1.29



"MC" MIDGETS



Ideal for high and VHF. Isolantite insulation. Vibration proof, split type rear bearing, noiseless wiping contact.

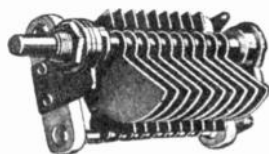
Number	Capacity	Net
MC20S	20	\$ 1.80
MC35S	35	1.86
MC50S	50	1.92
MC50M	50	1.92
MC75S	75	2.04
MC75M	75	2.04
MC100S	100	2.16
MC100M	100	2.16
MC140S	140	2.34
MC200M	200	2.58
MC250M	260	2.70
MC325M	320	2.94

"MCD" SPLIT STATOR

Same as above but 2 sections.

Number	Cap. per Sect.	Net
MCD50M	50	\$ 3.60
MCD100S	100	3.90
MCD100M	100	3.90
MCD140M	140	4.20

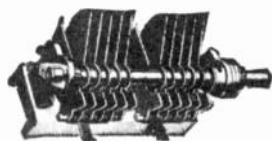
"MCX" DOUBLE SPACED SINGLES



Same as above but double spaced. Use up to 1000 volts.

Number	Capacity	Net
MC20SX	20	\$ 2.04
MC20MX	20	2.04
MC35MX	32	2.22
MC35SX	32	2.22
MC50MX	50	2.52
MC50SX	50	2.52
MC100SX	100	2.94

"MCDX" DOUBLE SPACED DUALS

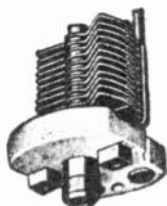


Same as above but dual section. Use up to 1000 volts.

Number	Cap. per Sect.	Net
MCD35MX	31	\$ 4.08
MCD35SX	31	4.08

"APC" MICROS FOR HF, VHF, IF, ETC.

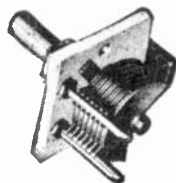
Isolantite base.



Number	Capacity	Net
APC25	25	1.02
APC50	50	1.14
APC75	75	1.26
APC100	100	1.38
APC140	140	1.62

HAMMARLUND

"HF" MICRO CAPACITORS



For tuning or trimming on VHF. Isolantite. Single hole or panel mount.

Number	Capacity	Net
HF-15	17.5	\$ 1.02
HF-35	35	1.17
HF-50	50	1.23
HF-100	100	1.53
HF-140	140	1.74
*HF-15X	15	1.23
*HF-30X	30	1.38

* Double-Spaced.

"HFD" MICRO DUALS

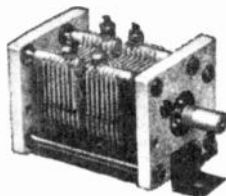


Compact size for high frequency tuning and VHF. Heavy isolantite base.

Number	Cap. per Sect.	Net
HFD-50	50	\$ 2.82
HFD-100	100	3.18
HFD-140	140	3.60
*HFD-15X	15	2.76
*HFD-30X	28.5	3.00

* Double Spaced.

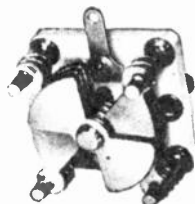
"VU" UHF CONDENSERS



Voltage rating 700. Use in tuned circuits up to 500 MC. Silent electrical operation through use of pyrex glass ball bearings.

Number	Capacity	Net
VU-20	22.5	\$ 6.45
VU-30	31.5	6.90
VU-45	45	7.62

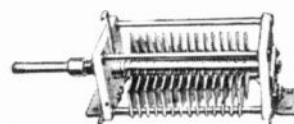
BUTTERFLY CAPACITOR



Designed for VHF and UHF applications. Approximately 1 3/8" square.

Number	Cap. per Section	Max.	Min.	Net
BFC-12	14.5	3.5		\$ 1.50
BFC-25	27.5	5.0		1.68
BFC-38	40.5	6.3		1.98

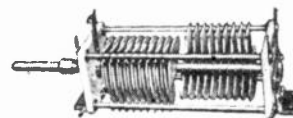
"HFB" TRANSMITTING CONDENSER



Single stator type. Stator mounted at top to reduce capacity to chassis. Isolated rotor.

Number	Capacity	Air Gap	Net
HFB50C	50	.050	\$ 4.20

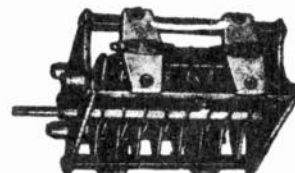
"HFD" DUAL SECTION



Same as above but dual section.

Number	Capacity	Air Gap	Net
HFD50C	50	.050	\$ 5.40
HFD100C	100	.050	6.36
HFD35E	35	.070	4.77
HFD65E	65	.070	5.46

"TC" TRANSMITTING CONDENSERS



Moderate price, heavy duty type. Isolantite insulation. Power up to 1 KW.

Number	Cap.	Voltage	Net
TC440-L	465	2000	\$ 6.99
TC220-K	225	3750	6.15
TC240-J	250	4250	7.80
TC50-H	53	600	4.59
TC110-H	115	600	6.90
TC100-G	110		8.58

"TCD" TRANSMITTING CONDENSERS



Same as above but split stator.

Number	Cap. per Sect.	Net
TCD240-J	250	\$ 14.70
TCD110-H	115	12.30

TEST EQUIPMENT



NATIONAL

TRANSMITTING CONDENSERS

Type "TMS"



Single Stator

Number	Capacity		PV	Gap	Net
	Min.	Max.			
TMS-100	100	9.5	1000	.026	1.76
TMS-150	150	11	1000	.026	1.92
TMS-250	250	13.5	1000	.026	2.11
TMS-300	300	15	1000	.026	2.56
TMSA-35	35	8	2000	.065	2.11
TMSA-50	50	11	2000	.065	2.30

Double Stator

TMS-50-D	50D	6D	1000	.026	2.72
TMS-100-D	100D	7D	1000	.026	3.20
TMSA-50-D	50D	10.5D	2000	.065	2.81

Type "TMA"

Single Stator, 12000 V. Peak



Number	Capacity	Spc.	Net
	Max. Min.		
TMA-50C	50 21	.359	\$ 5.11

Double Stator Type

Number	Cap. Per Sec		Spc.	Vlt.	Net
	Max.	Min.			
TMA-50DA	50	12.5	.155	6000	\$7.03
TMA-100DA	100	17	.155	6000	11.18
TMA-60DB	60	19.5	.249	9000	11.82
TMA-40DC	40	18	.343	12000	8.63

NEUTRALIZING CONDENSERS



Disc type, suitable for 800, 35-T, HK-54 etc.

No. NC800A NET \$2.70

For 75-T, 808, 812 etc. No. NC75 3.60

For HK-354, HK-36, 300-T 852 etc., No. NC150 5.25

For WE-251, 450-TH-TL, 750-TL etc. No. NC500 8.78

For 6L6 and all similar tubes, No. NC600U, with standoff, .38
No. NC600, less .32

MINIATURE CONDENSERS

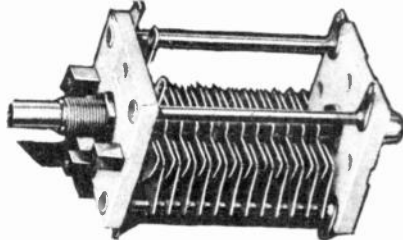


For ultra high work, transmitters, receivers, exciters. Air Gap, .017

No.	Cap.	Plates	Net
UM-15	15	6	\$.96
UM-35	35	12	1.08
UM-50	50	16	1.20
UM-100	100	28	1.53

MILLEN

Millen Exciter Condensers



Steatite insulation, same condensers as used in Millen Exciter.

Number	Sections	Cap. Per Section	Net
22100	1	100	\$ 1.38
23950	2	50	2.50

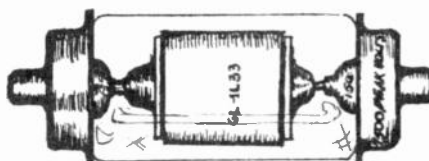
NEUTRALIZING COND.

Uses Quartz "Q" as dielectric. Compact and efficient.



Number	Range	Net
15001	0.7-4.3	\$.90
15002	0.5-13.5	1.05
15003	1.5-8.5	.90
15005	3.4-14.6	2.00
15006	2.8-9.1	3.00

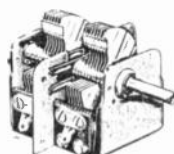
GE VACUUM CONDENSERS



Number	Voltage	Capacity	Net
GL-1L21	7500	12	\$10.00
GL-1L22	16000	25	11.00
GL-1L23	16000	50	11.00
GL-1L24	16000	100	13.25
GL-1L25	16000	12	11.00
GL-1L33	7500	100	12.00
GL-1L36	7500	25	10.00
GL-1L38	7500	50	10.00

RECEIVING CONDENSERS

I.C.A. TUNING CONDENSERS



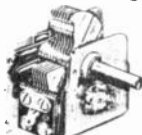
350 MMFD Per Section

No. 534	2 Gang	Net	\$ 2.59
No. 531	3 Gang		3.79

ECONOMY TUNING CONDENSERS

Number	Description	Net
6218	2 Gang 365 TRF	\$ 2.25
6717	2 Gang Super	2.05

SINGLE .000365 CONDENSER



No. B-117 single section .000365 tuning condenser. NET \$.98

B&W

"CX" CONDENSERS



Type "A" - .500 Air Gap

Number	Capacity		Capacity		Net
	Per Sect.	Max.	Per Sect.	Max.	
CX11A	11	8	8	6	\$12.52
CX20A	20	11	13	8	15.32
CX30A	30	14	18	10	17.59
CX40A	40	18	23	12	19.81
CX49A	49	21	28	14	22.08
CX59A	59	24	33	16	24.29
CX68A	68	27	38	18	26.50
CX77A	77	30	43	20	28.78
CX87A	87	34	48	22	30.99
CX96A	96	37	53	24	33.20
CX105A	105	40	58	26	35.47
CX115A	115	43	62	29	37.69
CX124A	124	46	68	30	39.96

Type "B" - .375 Air Gap

CX11B	11	8	9	6	\$12.17
CX22B	22	11	15	8	14.91
CX34B	34	14	21	10	17.18
CX45B	45	17	28	12	19.34
CX58B	58	20	33	14	21.49
CX70B	70	23	38	15	23.71
CX82B	82	26	45	17	25.80
CX94B	94	29	50	19	28.08
CX106B	106	32	56	20	30.17
CX118B	118	36	62	22	32.33
CX130B	130	39	68	24	34.60
CX141B	141	42	74	26	36.76
CX153B	153	45	80	27	38.91

Type "C" - .250 Air Gap

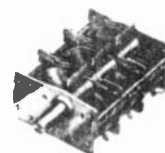
CX13C	13	8	10	6	11.88
CX30C	30	11	18	8	14.56
CX45C	46	13	26	9	16.72
CX62C	62	16	34	11	18.81
CX78C	78	19	42	12	20.97
CX95C	95	22	50	14	23.13
CX111C	111	25	59	15	25.16
CX127C	127	28	67	17	27.32
CX143C	143	31	75	18	29.42
CX159C	159	33	83	20	31.46
CX175C	175	36	91	21	33.73
CX192C	192	39	100	23	35.82
CX208C	208	42	110	24	37.86

NEUTRALIZING PLATES

Number	Tubes	Net
N-1	HY-114, HK-24 etc.	\$4.66
N-2	35-T, 75-T, 808 etc.	4.66
N-3	801, TZ-20-40, 811-812 etc.	4.66
N-4	833, T-200, 805 etc.	4.66

FM Variable Condenser

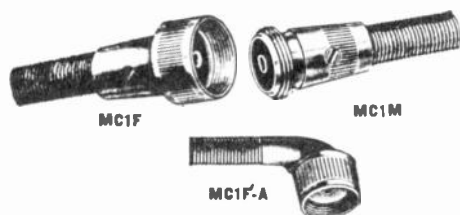
Miller.



A 3 gang tuning condenser especially designed for use with Miller FM coils. Rigid construction, wide space plates. Range 7-30 mmfd. 3/8" shaft.

Number	Net
1458 3 gang FM tuning condenser	\$4.41

MICROPHONE CONNECTORS



Single Contact

Unbreakable machined couplings. Spring cord protector.

Type	Description	Net
75-MC1F	Female	\$.33
75-MC1M	Male	.26

ANGLE CONNECTORS

For cable connection at right angle to chassis. Otherwise same as MC1F.

Number	Net
75-MC1F-A	\$.40

CHASSIS UNIT

Mounts in 1/2" hole.

Number	Description	Net
75-PC1M	Non-Shorting	\$.20

Same as above but closes circuit when connector is removed.

75-CL-PC1M	Shorting	\$.33
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PHONE PLUG ADAPTOR

Fits MC1F and MC1F-A connectors.

Number	Description	Net
75-MC1P	Phone Plug	\$.30

ONE & TWO CONTACT



For small coaxial cables, microphone, speaker etc. Polished chrome finish.

Number	Description	Net
80-F	One contact female T	\$.42
80-M	One prong male R	.42
80-MC2F	Two contact female T	.52
80-MC2M	Two prong male R	.52
80-F1	One contact female R	.42
80-M1	One prong male T	.42
80-MC2F-1	Two contact female R	.52
80-MC2M-1	Two prong male T	.52

T designates outside thread.
R designates locking ring.

CHASSIS UNITS

For connection on chassis, panel or microphone. 5/8-27 thread.

Number	Description	Net
80-MSF	1 pole male	\$.52
80-SP-MC2M	2 pole male	.59

Shielded chassis connectors.

Number	Description	Net
80-C	1 contact female	.26
80-C1	1 prong male	.26
80-PC2F	2 contact female	.29
80-PC2M	2 prong male	.29

AMPHENOL

3 & 4 CONTACT



For multiple cable uses. Chrome plated shielded. T, threads. R, ring.



Number	Description	Net
91-MC3M	3 prong male R	\$.65
91-MC3M1	3 " " T	.65
91-MC4M	4 " " R	.71
91-MC4M1	4 " " T	.71
91-MC3F	3 " female T	.65
91-MC3F1	3 " " R	.65
91-MC4F	4 " " T	.71
91-MC4F1	4 " " R	.71

CHASSIS CONNECTORS

Fit 91 series. Mount in panel up to 1/2" thick.



Number	Description	Net
91-PC3F	3 prong female	\$.33
91-PC3M	3 prong male	.33
91-PC4F	4 prong female	.36
91-PC4M	4 prong male	.36

SPECIAL CHASSIS UNIT

Similar to regular chassis connector but for thick panel. Female fits panels to 3/4" thick. Male fits panels up to 3/8" thick.



Number	Description	Net
91-SP-PC3M	3 prong male	\$.65
91-SP-PC4M	4 " " R	.71
91-SP-PC3F	3 " female	.65
91-SP-PC4F	4 " " T	.71

CAP AND CHAIN

Dust seals for above Amphenol fittings.



Number	For Connectors	Net
75-CCC-1	PC1M, 80C etc.	\$.33
91-CCC-3	91 series	.33

MICROPHONE SWITCH



For use where switch at mike is desired or in line. Fits No. 75 series.

Number	Description	Net
75-MC15	Switch	\$.65

SIDE CABLE OUTLET

5/8-27 threads. Enables mike cable to be brought out at top of stand.



Number	Description	Net
57-SC03	Side Outlet	\$.50

STAND CONNECTOR

Screws on to top of any standard mike stand.



Number	Description	Net
91-SC3F	3 Contact	\$.65
91-SC4F	4 Contact	.71

HEAVY DUTY RADIO CONNECTORS

With Coupling Ring

Male	Female	Contacts	Net
79-04M1	79-04F	4	\$.90
79-05M1	79-05F	5	.90
79-06M1	79-06F	6	.90
79-08M1	79-08F	8	.90



With Coupling Thread

Male	Female	Contacts	Net
79-04M	79-04F1	4	\$.90
79-05M	79-05F1	5	.90
79-06M	79-06F1	6	.90
79-08M	79-08F1	8	.90
79-012M	79-012F1	12	1.42



CHASSIS CONNECTORS

Female	Male	Contacts	Net
79PO-4F	79PO-4M	4	\$.90
79PO-5F	79PO-5M	5	.90
79PO-6F	79PO-6M	6	.90
79PO-8F	79PO-8M	8	.90
79PO-12F	79PO-12M	12	1.42



HEAVY DUTY POWER CONN.



Ideal for power, low impedance mikes, speakers etc. Will carry up to 15 amps four contacts.

Number	Description	Net
92-M	Male, ring	\$1.77
92-F1	Female, ring	1.77
92-F	Female, thread	1.77
92-M1	Male, thread	1.77
92-C	Female Chassis	1.77
92-C1	Male Chassis	1.77
79-CCC8	Cap and Chain	.37

"RG" CABLE CONNECTORS



Low loss series for use with "RG" type cables. Rugged construction, heavily silver plated.

Single Contact

Number	Description	Net
83-1SP	2 piece straight plug	\$1.05
83-1SPN	3 piece plug for .405ca	1.29
83-1R	Chassis connector	.75
83-1AP	Angle plug adaptor	1.58
83-1T	T connector	1.58
83-1J	Junction	.86
83-168	Adaptor, RG 59/U	.43

We know we can't have every part ever manufactured but we do try to have the part you may be able to fix the old set with.

AMPHENOL

SHIELDED CABLE PLUGS



Available in male and female types. 4 to 20 contacts. Includes metal shell.

Male	Female	Contacts	Net
PM-4	PF-4	4	\$.19
PM-5	PF-5	5	.19
PM-6	PF-6	6	.19
PM-7S	PF-7S	7	.19
PM-7L	PF-7L	7	.19
PM-8	PF-8	8	.21
PM-9	PF-9	9	.23
PM-11	PF-11	11	.28
PM-20	None	20	.54

77-MIP-20 20 contact socket for PM-20 .37

SHIELDED CABLE CONNECTORS

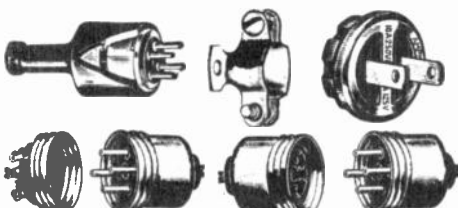


110-250 Volt Complete Units

Used for power lines, microphone and speaker connections. Grommet in rear gives protection against abrasion. Snap-on shell included.

Number	Description	Net
61-F4	2 pole univ. receptacle	\$.29
61-M4	2 pole standard plug	.29
61-MP4	2 pole polarized plug	.29
60-F4	3 pole receptacle	.36
60-M4	3 pole polarized plug	.36

110-250 Volts Connectors, Parts



CHASSIS SET 15-C-CHA CABLE SET 15-C-CAB

Number	Description	Net
61-F	2 pole univ. receptacle	.18
61-M4	2 pole standard plug	.29
61-MP	2 pole polarized plug	.18
60-F	3 pole polarized recept.	.25
60-M	3 pole polarized plug	.25
61-K	Metal shell only	.11
61-KC	Metal shell with clamp	.14
79-OC-4	Cable clamp only	.07
61-61	Flush shell	.11
61-A-B	Above or below surface sh.	.07
RPH	Rubber plug handle	.11
C-CAB	Cable locking covers	.18
C-CHA	Chassis locking covers	.18

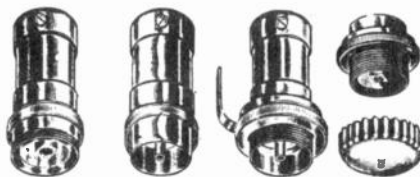
AC PLUGS



El-Menco fused plug. Fuses both sides of line. Fuses easily replaced. Less fuses.

Net \$.25

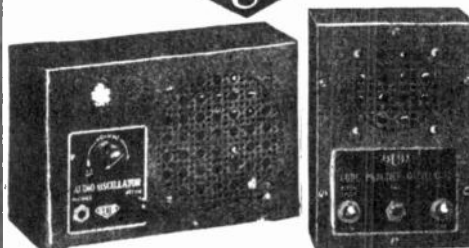
LOW-LOSS COAXIAL CABLE CONNECTORS



Low loss coaxial connectors for cables up to 13/32 OD. May be reamed out to 7/16. Shell of solid brass, chrome plated.

Number	Description	Net
93-M	Male with ring	\$1.06
93-M1	" thread	1.06
93-F1	Female with ring	1.06
93-F	" thread	1.06
93-C	Chassis	.90
93-C1	Male	.90
93-CL	Shielded Female	1.06
93-CL1	Male	1.06
93-M5	Cable Terminal	1.06
90-15	Polystyrene Cap	.15

CODE PRACTICE OSCILLATOR S



124

120

MAGNETIC SPEAKER MODEL. Will operate up to 20 earphones. Speaker automatically cuts out when phones are plugged in. Variable volume and pitch control on panel. Operates on 110 Volts AC or DC.

No. CPO-124 Net \$ 12.25

DYNAMIC SPEAKER MODEL. Hi-Lo tone switch, power switch on panel. Key jack on front and rear. Operates on 110 Volts AC or DC.

No. CPO-120 Net \$ 12.25

ICA DELUXE "SIGNA-TONE"



No. 4300

Audio oscillator with 3 output frequencies. Volume control. Use as code practice set, keying monitor, modulation signal & signal tracer. Number of phones and keys. May be used 110 Volts AC or DC.

No. 4300 Net \$ 11.76

WIRELESS PHONO-OSCILLATOR
BUD

Enables any standard record player to play through any radio with no connection. Operates from 110 Volts AC or DC. Range, 1100-2150 KC.

No. W06 Net \$ 7.69

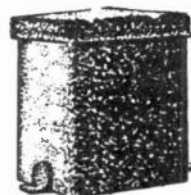
CHOKES
MILLEN

MILLEN HASH FILTER

Eliminate interference caused by mercury vapor rectifier tubes.

Number	Tubes	Net
77083	82-83	\$ 1.00
77866	866 (Per Pr.)	1.25
77872	872 (Per Pr.)	1.40

RICHARDSON CLIPPER-FILTRON



Filters out voice frequencies of over 3500-5000 cycles. Concentrates audio power in most effective range. Write for complete descriptive folders.

Number	Cutoff	Net
LP-3500	3500 Cy.	\$ 5.95
LP-5000	5000 Cy.	5.95
C-375	Choke only	4.75

WE'RE HAPPY... THAT WE CAN LEAVE THIS MESSAGE WITH YOU.

WE'RE SORRY... THAT WE CAN'T DELIVER IT "IN PERSON"

Excuse our conflicting emotions but it's like this: while it's nice to greet you thus, it would be much nicer to meet you "face to face."

Be that as it may... here's an important, money-saving reminder: "Your Trade-In's Worth More at the Walter Ashe Store!" No amateur should complete a deal for either a new or used receiver without first obtaining our "Surprise" allowance! Seeing Walter Ashe before the trade is made has become a "must" for thrifty Hams.

Meanwhile, keep a sharp eye out for our bargain-packed advertisements appearing monthly in the magazines Q S 1 and Radio News.

HAMS "in the know" GO TO

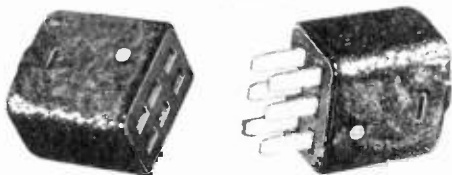
WALTER ASHE
FOR THE "MOSTEST" OF
THE NEWEST and BEST

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

JONES

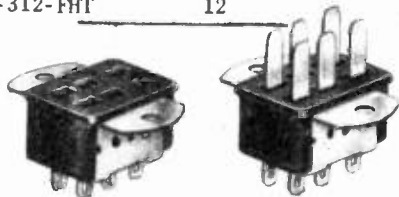
"300" Series



For use in circuits up to 5 amps. Polarized.

Number	Plugs Contacts	Net
P-302-FHT	2	\$.21
P-303-FHT	3	.24
P-304-FHT	4	.26
P-306-FHT	6	.30
P-308-FHT	8	.33
P-310-FHT	10	.38
P-312-FHT	12	.43

Number	Socket Contacts	Net
S-302-FHT	2	.22
S-303-FHT	3	.24
S-304-FHT	4	.26
S-306-FHT	6	.31
S-308-FHT	8	.37
S-310-FHT	10	.43
S-312-FHT	12	.49



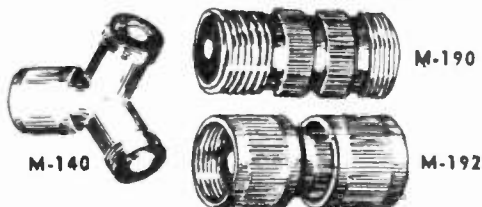
Chassis Plug

Number	Contacts	Net
P-302-AB	2	\$.13
P-303-AB	3	.15
P-304-AB	4	.18
P-306-AB	6	.21
P-308-AB	8	.25
P-310-AB	10	.28
P-312-AB	12	.32

Chassis Socket

Number	Contacts	Net
S-302-AB	2	.15
S-303-AB	3	.16
S-304-AB	4	.19
S-306-AB	6	.23
S-308-AB	8	.28
S-310-AB	10	.34
S-312-AB	12	.39

KINGS ELECTRONICS



"Y" connector, 2 male, 1 female. Fits all standard mike fittings.

Number M-140 NET \$.75

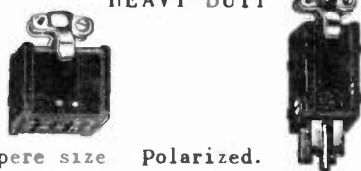
Double male connector, couples two female connections.

Number M-190 NET \$.39

Double female connector, couples two male connections.

Number M-192 NET \$.45

"400" SERIES, HEAVY DUTY

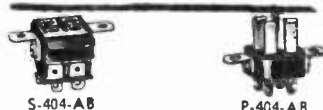


10 ampere size Polarized.
Plug

Number	Net
P-402-CCT	\$.48
P-404-CCT	.59
P-406-CCT	.69
P-408-CCT	.79
P-410-CCT	.90
P-412-CCT	1.00

Socket

Number	Net
S-402-CCT	.52
S-404-CCT	.66
S-406-CCT	.79
S-408-CCT	.94
S-410-CCT	1.07
S-412-CCT	1.20



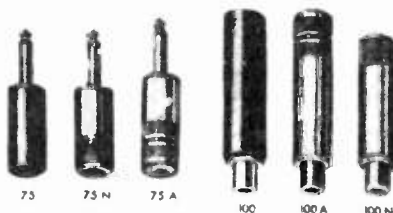
Chassis Plug

Number	Net
P-402-AB	.31
P-404-AB	.38
P-406-AB	.45
P-408-AB	.52
P-410-AB	.59
P-412-AB	.66

Chassis Socket

Number	Net
S-402-AB	.35
S-404-AB	.45
S-406-AB	.55
S-408-AB	.66
S-410-AB	.76
S-412-AB	.86

Mallory



Connectors for extension speaker, lines etc.

Number	Description	Net
75	Bakelite 2-way phone plug	\$.39
75N	Shielded 2-way phone plug	.59
75A	Same as 75N but with tie-cord anchor & cable clamp	.97
76	Bakelite 3-way mike plug	.59
76A	Shielded 3-way mike plug with cable clamp	1.15
100	Bakelite 2-way ext. jack	.77
100N	Shielded 2-way ext. jack	.97
100A	Shielded 2-way ext. jack with cable clamp.	1.36



AUTO CONNECTORS

Number	Description	Net
2347	Antenna	\$.06
2348	Fuse Holder	.09

MILLEN SAFETY CONNECTORS'



Hi-Voltage Safety Type

Number	Description	Net
37001 Black	Bakelite	\$.40
37001 Red	Bakelite	.40
37501	Low loss mica bakelite	.55

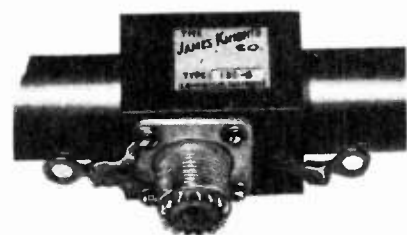
B & W COAXIAL CONN.



Barker and Williamson Model "CC-50" waterproof connectors for coaxial cables. Also serves as center insulator for half wave doublet. Aluminum with steatite insulation.

NET \$ 5.50

JAMES KNIGHTS "IMPEDACOUPLER"



A practical and efficient means of center connecting coaxial transmission line to an antenna. May be used with tubing or wire elements. Mycroy insulation equipped with Amphenol IR receptacle.

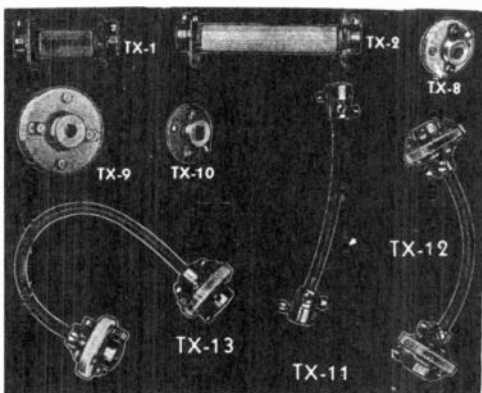
Number JK-1BC-3 Net \$ 3.50



HAM GEAR

COUPLINGS

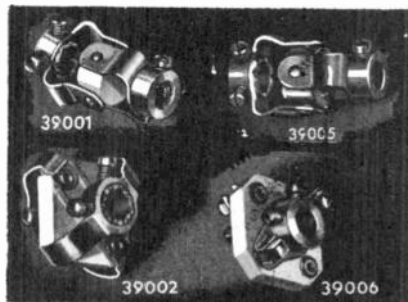
NATIONAL



All For 1/4" Shafts.

Number	Description	Net
TX1	Steatite, Leakage Path-1"	.66
TX2	Steatite, Leakage Path-2"	.75
TX8	Non-Flexible Steatite	.51
TX9	Insulated-1 5/8" diam.	.75
TX10	No backlash, Bakelite	.36
TX11	Flexible Shaft-4 1/4"	.42
TX12	Steatite, 4 5/8" shaft.	.84
TX13	Steatite, 7 1/8" shaft.	.99

MILLEN

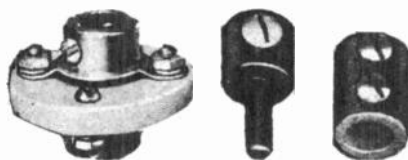


For 1/4" Shafts.

Number	Type	Net
39001	"Truly Flexible" Isolan.	.36
39002	Conventional	.36
39005	Universal Joint	.36
39006	Slide action, Steatite	.36



INSULATED



High voltage type, steatite insulation. Overall size 1 15/16, for 1/4" shaft.

Number FC614 NET \$.53

Bakelite or Steatite, couples two 1/4" shafts, 1 1/16" overall.

No. FC845 Bakelite Net \$.30
No. FC795 Steatite .39

Number	Description	Net
SE1206	1/4" Coupling	.15
SE1207	3/8" Coupling	.15
SE1208	1/4" to 3/8" Coupling	.15



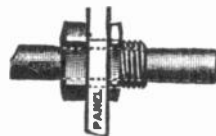
COUPLINGS - REDUCERS



Brass

Number	Description	Net
SE1049	1/4" Coupling	.15
SE1050	3/8" Coupling	.15
SE1051	1/4" to 3/8" Coupling	.15
SE1052	1/4" hole to 1/4" Shaft.	.15
SE1053	3/8" hole to 1/4" Shaft.	.15
SE1054	1/4" hole to 3/8" Shaft.	.15

PANEL BEARINGS



Facilitate panel mounting of controls.

Number	Description	Net
PB532	1/4" Bearing only	.12
PB531	Bearing and 3" shaft	.30
PB530	Bearing and 6" shaft	.36

SYLVANIA GERMANIUM CRYSTALS

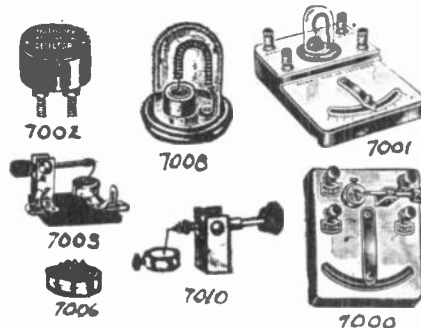


New crystal diodes give superior performance at H.F. Used for detectors, restorers in television sets & F.M. discriminators.

IN-34	Single Unit	Net \$ 1.60
IN-35	Dual Unit Mounted	4.00

Philmore

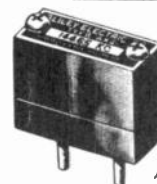
SETS, CRYSTALS AND HOLDERS



Supersensitive type, work in all circuits requiring mineral crystal.

Number	Type	Net
7002	Fixed Detector	.47
7003	Open type holder, less crystal.	.21
7010	Open type holder, less crystal.	.12
7008	Closed type holder, with crystal.	.27
7006	Sensitive crystal only	.06
7000	Complete crystal set	.77
7001	Complete crystal set	1.12

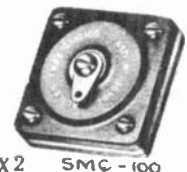
Bliley
CRYSTALS



KV3



CF3



TYPE AX2 SMC-100

Famous throughout the years. Plated crystal design. Specify freq. desired.

80 meter band	Net \$ 2.80
40 meter band	2.80
20 meter band	3.95

TYPE KV3

100 KC frequency standard. Low drift.

Net \$ 6.95

TYPE CF3

455 KC single signal filter crystal unit. $\pm$ 5 KC. Designed for I.F. filter in receivers.

Net \$ 5.00

TYPE SMC-100

Dual frequency crystal provides 100 or 1000 KC source.

Net \$ 8.75



CRYSTALS



Low drift, high activity and stability. 1/2" pin spacing. Accuracy, .01% or better. Specify frequency wanted.

Type		Net
Z-2	80 meter band	\$ 2.70
Z-2	40 meter band	2.70
Z-3	20 meter band	3.68
Z-5	10 meter band	4.90
Z-1	3105 KC	2.94
Z-1	6210 KC	2.94

Crystals in stock for harmonic operation in 6 and 2 meter bands.

8 MC band	Net \$ 2.70
12 MC band	3.68

MONITOR



Variable frequency unit. Reliable operation in mobile use. Variation approximately 6 KC on 3.5 MC crystals and 10 KC on 7 MC units. Specify band and frequency desired

Net \$ 3.67



DIAL CABLE BELTS PARTS

G-C 42 STRAND PHOSPHOR BRONZE CABLE

Number	Length	Net
71-11	Env. 8½ ft.	.24
71-25	25 "	.74
71-50	50 "	1.44
71-100	100 "	2.59
71-500	500 "	10.30
71-1000	1000 "	20.58

G-C BRAIDED BRONZE CABLE



72-11	Env. 11½ ft.	.24
72-25	25 "	.55
72-50	50 "	1.07
72-100	100 "	2.03
72-500	500 "	8.68
72-1000	1000 "	16.10



G-C HEAVY LINEN CABLE

73-11	Env. 8 ft.	\$.24
73-25	25 "	.83
73-50	50 "	1.62
73-100	100 "	2.71
73-500	500 "	12.88
73-1000	1000 "	22.54

G-C EXTRA HEAVY LINEN CABLE



73X-11	Env. 8 ft.	.24
73X-25	25 "	.83
73X-50	50 "	1.62
73X-100	100 "	2.71
73X-500	500 "	12.88
73X-1000	1000 "	22.54



G-C LIGHT LINEN CABLE Black Silk Core

74-11	Env. 8½ ft.	.24
74-25	25 "	.74
74-50	50 "	1.44
74-100	100 "	2.58
74-500	500 "	9.66
74-1000	1000 "	16.10

G-C LIGHT LINEN CABLE Linen Core



74L-11	Env. 8½ ft.	.24
74L-25	25 "	.74
74L-50	50 "	1.44
74L-100	100 "	2.58
74L-500	500 "	9.66
74L-1000	1000 "	16.10



G-C SPECIAL THIN-LINEN CABLE

75-11	Env. 13½ ft.	.24
75-25	25 "	.48
75-50	50 "	.90
75-100	100 "	1.68
75-500	500 "	6.44
75-1000	1000 "	11.58

G-C SPECIAL LIGHT BRONZE CABLE



76-11	Env. 11½ ft.	.24
76-25	25 "	.55
76-50	50 "	1.07
76-100	100 "	2.03
76-500	500 "	8.68
76-1000	1000 "	16.10

Fabric Dial Belts



G-C Belts are the same type as used by manufacturers on the best sets.

Specify MODEL NUMBER of set.

Net per belt \$.15

Send for the new G-C Dial Belt and Cable Guide Book.

DIAL BELT KITS



FREE STEEL BOXES
Supplied with Kits
No Extra Charge for Box

G-25	25 Belts Asst.	\$ 3.94
G-50	50 " "	7.88
G-100	100 " "	14.70
G-200	200 " "	29.40
G-300	300 " "	44.10

G-C NON-SLIP COMPOUND

FOR RADIO DIALS
Powder Compound for treating friction type dial drives such as cords, cables, and belts. Easy to use! Just apply freely to slipping parts.



No. 1210 Net \$.18

G-C LIQUID NON-SLIP

"For Radio Drive Cables and Belts"
Penetrating and fast drying liquid dressing. Shrinks fibres, prolongs life of cables and belts and prevents slipping.



No. 1211 Size 1211 ½ oz. Net \$.15

NEW! G-C DIAL CORD DRESSING STICK



A new easy way to treat slipping cords on dial mechanisms. Simply rub the stick on cord and job is done! Prevents and stops slipping. Carry a stick with you.

No. 1212—Dressing Stick

Net \$.12

Dial Cable Clips



Used on dial drive cord assemblies for all types of dial cable. Make your own special cords with these clips.

No. 6220—Env. 50 Clips

Net \$.24

G-C BRASS DIAL PULLEYS



Handy assorted idler dial pulleys, several sizes included for replacements.

No. 6057—Env. 8 Assorted Dial Pulleys \$.24

G-C DIAL DRIVE SPRING ASSORTMENT

Kit of Dial Drive Tension Springs.



31x sizes supplied to handle all sets.

1054 Env. 10 Asst. \$.24

1054-S " 10 " Sm. .24

G-C Tension Springs



For Dial Drives, Condensers, Photo Turntable Motors, etc.

6420 Env. 10 Asst. Sm. \$.24

6421 10 " Lg. .24

DIAL POINTERS



6800-E Env. of 3 pointers. Net \$.24

DIAL DRIVES

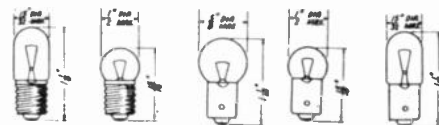


Number	Description	Net
1024-S	Ass't of 5 Small	\$.24
1024-L	Ass't of 5 Large	.24

Westinghouse

MAZDA LAMPS

DEPENDABLE MINIATURE



No.	Volts	Amp.	Base	Bead	Net Ea.	Net Per 10	Net Bx. 100
40	6-8	.15	SC	Brown	.07	.60	5.50
47	6-8	.15	Bay.	Brown	.07	.60	5.50
41	2.5	.50	SC	White	.07	.60	5.50
42	3.2	.50	SC	Green	.09	.80	7.96
43	2.5	.50	Bay.	White	.07	.60	5.50
44	6-8	.25	Bay.	Blue	.07	.60	5.50
45	3.2	.50	Bay.	Green	.09	.80	7.96
46	6-8	.25	SC	Blue	.07	.60	5.50
48	2.0	.06	SC	Pink	.10	.99	9.95
49	2.0	.06	Bay	Pink	.10	.99	9.95
50	6-8	.20	SC	Pink	.08	.66	6.63
292	2.9	.17	SC	Pink	.09	.80	7.96
51	6-8	.20	Bay.	Pink	.06	.54	4.53
55	6-8	.40	Bay.	Pink	.06	.54	4.53

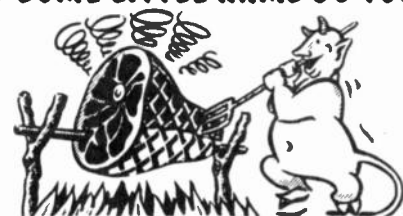


Number	Net
S-6 Candelabra base, 110 V. 6 CP	\$.17
C-7 Candelabra base 110 V. 7 CP	.14

SOME LITTLE HAMS GO TO..



& SOME LITTLE HAMS GO TO..

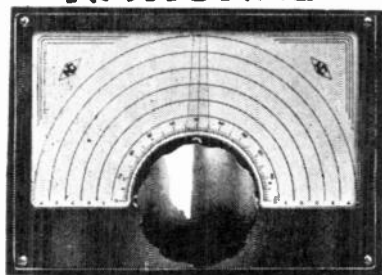


but HAMS "in the know" GO TO

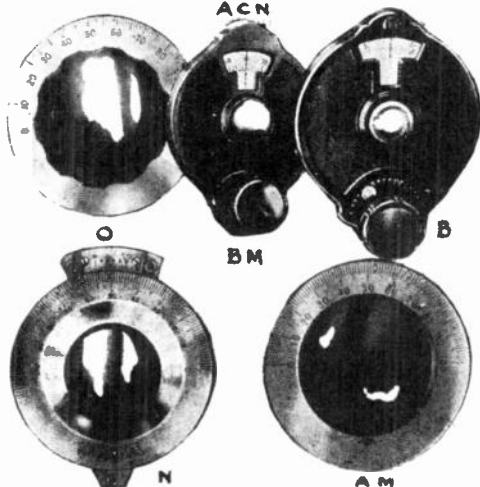
WALTER ASHE

FOR THE "MOSTEST" OF
THE NEWEST and BEST

NATIONAL



ACN



Blank scales for individual calibration. 5 ranges. Velvet vernier action, 5-1 ratio.

Type ACN Net \$ 3.00

"Velvet vernier" black bakelite body, 4" diameter. Variable 6-1 ratio. Fits 1/4" shaft.

Type B Net \$ 1.80

Midget "Velvet Vernier" same as above but 3" diameter. Fixed ratio. 1/4" shaft.

Type BM Net \$ 1.65

Famous "N" dial, satin chrome finish with bakelite knob. Ratio 5-1, decimal vernier. Diameter 3 7/8" - 1/4" shaft.

Type N Net \$ 4.50

Original "Velvet Vernier" satin chrome, ratio 5-1. 1/4" shaft. Diameter 3"

Type AM Net \$ 2.16

3 1/2" flange dial. Scale 0-100, 180°. 1/4" shaft.

Type O Net \$.99

DIAL LOCKS

BUD

Serves as dial lock and position indicator. Snap type. Easily mounted.

No. DL-1847 Net .18

NATIONAL

Thumbscrew type for National metal dials.

No. ODL Net \$.33

NATIONAL VERNIER DRIVE

For National and other plain metal dials.

No. ODD Net \$.42

DIALS PARTS MILLEN



Extremely sturdy, instrument type indicator. Shaft has 1-1 ratio. Veeder type counter, direct reading in 99 revolutions. Vernier scale permits reading to 1 part in 100 of a single revolution. Built in dial lock, 1/4" coupling.

No. 10030 Net \$ 25.00

Illuminated panel dial. Enclosed mechanism. Ratio, 12-1. Size, 8 1/4" x 6 1/2".

No. 10035 Net \$ 7.50

RIGHT ANGLE DRIVE



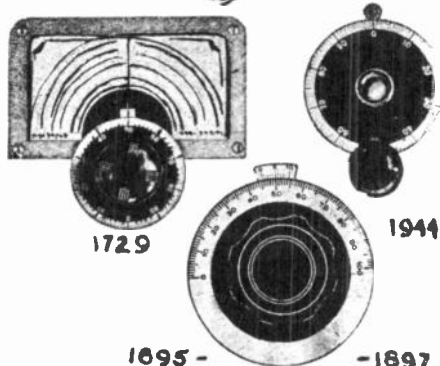
Very compact, case size 1 1/2" x 1 1/2" x 3/4".

No. 10012 Net \$ 3.75

MILLEN SHAFT LOCK

Instantly converts any plain 1/4" shaft to locked type.

No. 10061 Net \$.36



Precision vernier dial for amateur & laboratory use. With three paper dial scales for self calibration. 180°. Mounted, complete with hardware. Mounting area, 5 1/4" x 5 1/4". 1/4" shaft.

No. D-1729 Net \$ 3.12

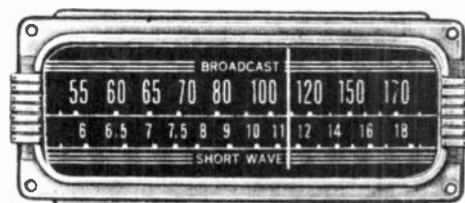
Vernier friction dial plate. 2 1/2" diameter. 0-100, 360° rotation. 1/4" shaft.

No. D-1944 Net \$ 1.41

Vernier indicator type, skirt knob, dial plate chromium. 180° arc. Reads 1 part in 1000.

Number	Diam.	Scale	Net
D-1895	2 1/2"	0-100	\$ 1.29
D-1897	4"	0-100	1.73

CROFLEX



For small size compact designs. Direct ratio, no reduction for 180° condenser. Antique bronze finish. Opening 1 5/8" x 3 3/4"

No. 534 Net \$ 1.44

Similar to No. 534 but with reduction ratio. Shaft turns 7 times for 180° condenser rotation. Antique bronze finish, 2 bands, opening 1 9/16" x 5 1/8".

No. 535 Net \$ 1.71

2 bands, 55-1800 KC, 6-15 MC. Shaft turns 9 times for 180° condenser rotation. Translucent plastic scale.

No. 339, Style 2 Net \$ 3.12

2 band dial with translucent plastic scale. 1 7/8" x 7 1/4" opening. Shaft turns 12 times for 180° condenser rotation.

No. 341, Style 1 Net \$ 3.53

2 band dial for large consoles. Opening, 2 7/8" x 9 7/8". Shaft turns 9 times to rotate condenser 180°. Translucent plastic scale.

No. 344, Style 1 Net \$ 3.53

3 band dial. Opening, 3 3/4" x 7 3/8". Translucent dial scale illuminated from rear. Antique bronze finish. Shaft turns 12 times for 180° condenser rotation.

No. 343, Style 1 Net \$ 4.26



Locate knob where you wish; bottom, top or sides.

No. 231. Size, 2 1/4" x 4 3/4", Antique bronze finish. Ratio 13:1 in 360°. Two band.

Net \$ 2.50

No. 232. Same as above but 2 9/16" x 6 1/16". Ratio 16:1.

Net \$ 2.65

No. 233. Same as above but 3 5/32" x 6 5/8". Ratio 18:1.

Net \$ 2.79

SLIDE RULE DIAL ASSEMBLY

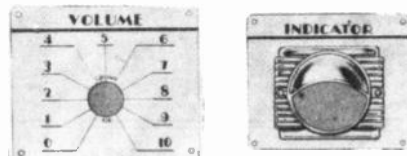


5" type which includes dial, window, pointer, drive shaft and cable.

No. A-185 Net \$ 1.62

CRONAME

Aluminum Single Horizontal Plates
2 3/16" H. - 2 5/8" W.



Number	Marking	Net
410	Without title 0-10	\$.21
411	Tone 0-10	.21
412	Gain 0-10	.21
413	Master Gain 0-10	.21
414	Record 0-10	.21
415	Microphone 0-10	.21
416	Microphone 1,0-10	.21
417	Microphone 2,0-10	.21
422	Gain 5-0-5	.21
423	Increase with Arrow	.21
424	Radio-Micro. 5-0-5	.21
425	Record-Micro. 5-0-5	.21
426	Volume 0-10	.21
427	Fader 5-0-5	.21
428	Bass 5-0-5	.21
429	Treble 5-0-5	.21
430	Expansion 0-10	.21
440	Indicator	.48

Aluminum Single Vertical Plates
2 5/8" H. - 2 3/16" W.

Number	Marking	Net
435	"Indicator"	.48
436	Gain 0-10	.21
437	Gain 5-0-5	.21
438	Switch 1-2-3	.21
439	Tone 0-10	.21

Aluminum Double Horizontal Plates
2 3/16" H - 5" W

Number	Marking	Net
418	Tone 0-10; Gain 0-10	\$.39
419	Record 0-10; Micro 0-10	.39
420	Micro 1,0-10; Micro 2,0-10	.39

Aluminum Quadruple Plates

2 3/13" H - 9 1/2" W

421	Micro 0-10; Records 0-10	
	Master Gain 0-10; Tone 0-10	
	Net	.48

Rectangular Control Plates
2 1/4" H. - 1 11/16" W.



566	Mike	.15
577	Mike 1	.15
578	Mike 2	.15
565	Record	.15
579	Exciter	.15
277	Tone	.15
570	Master Gain	.15
276	Gain	.15
580	Monitor	.15
571	Plain, 0-10	.15

Dial Plates

CRONAME

Round Control Plates 1 3/4" Diam.

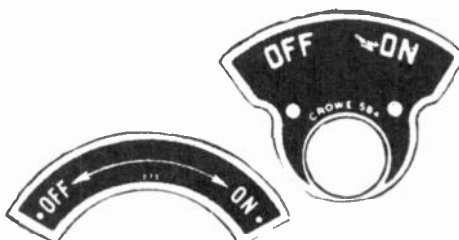


25	Volume	.12
26	Off-Tone Control	.12
27	Sensitivity	.12
28	Pitch Control	.12
29	Beat Oscillator	.12
30	Det.-Cond. 0-100	.12
31	Osc.-Cond. 0-100	.12
32	Bands 3-2-1	.12

Circular Plates, 1 1/8" Diam.

272	Off-On	.09
573	Micro-phono	.09
581	Lo-Hi	.09
582	Phono-Radio	.09
218-B	Hi-Lo	.09
218-S	Phones	.09
218-D	Key	.09
218-N	Phono-Mike	.09
218-K	Local Distant	.09

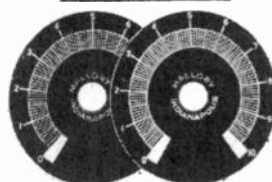
Arc Plates Rotary Switch Plates



Number	Marking	Net
279	Broadcast-Short Wave	\$.08
584	Off-On	.08
274	1-2	.08
564	1-2-3	.08

Number	Marking	Net
275	Off-On	\$.08
275-G	Short Wave-Broadcast	.08

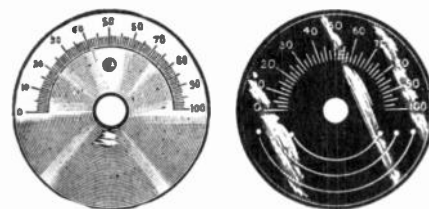
MALLORY



For 1200L-1300L series switches.
Available with marking of "1-2" to
"1-12" or marking of "Off 1-3" to
"Off 1-10". Specify switch type No.
Net each \$.12

For 3100J-3200J switches. Available
with marking of "1-3" to "1-18" or
marking of "Off 1-2" to "Off 1-16".
Specify switch type number.
Net each \$.12

I. C. A.



Chrome Silver

Number	Degrees	Size	Calibration	Net
2294	180°	2"	0-100	\$.47
2295	325°	2"	0-100	.47
2296	180°	3 1/4"	0-100	.74
2297	325°	3 1/4"	0-100	.74
2298	180°	4"	0-100	.82

Black Satin Finish

2236	180°	2"	0-100	.27
2233	180°	2"	100-0	.27
2234	325°	2"	0-100	.27
2235	325°	2"	100-0	.27
2232	180°	3 1/4"	0-100	.36
2231	180°	3 1/4"	100-0	.36
2230	325°	3 1/8"	0-100	.36

GORDON



GORDON HAND WHEELS

Number	Size	Metal Pointer	Net
308	3 1/4"	Yes	\$.94
309	3 1/4"	No	.88
310	2 1/4"	Yes	.82
311	2 1/4"	No	.77
312	1 5/8"	Yes	.65
313	1 5/8"	No	.59
314	1 1/8"	Yes	.53
315	1 1/8"	No	.47

HAND WHEELS WITH SCALE

Number	Wheel Size	Scale Size	Net
300	3 1/4"	5 1/4"	\$ 1.24
301	2 1/4"	3 5/8"	1.06
320	1 5/8"	3 5/8"	1.09
321	1 1/8"	2 1/8" 180°	.77
322	1 1/8"	2 1/8" 270°	.82

NAME PLATES



2 Sizes: Deluxe 2 1/2 x 2 1/2 Net.12
Standard 1 1/2 x 3/8 .09

125 Popular titles for every use in
ham radio or PA applications. Order
your choice.

Rotary Switch Plates



Number	Marking	Net
278	Off-On	\$.09
273	On-Off	.12
219	Phones	.09
220	Microphone	.09
221	Microphone Current	.09
222	Phonograph	.09
223	Plate Current	.09
224	Grid Current	.09

HAMMARLUND

FREQUENCY STANDARD



FS-135-C

FREQUENCY
STANDARD

Keeps
you
"ON
THE
BEAM"

Makes your receiver an accurate frequency meter. 100 KC crystal generates marker signal every 100 KC throughout entire range of receiver. Crystal frequency adjustable for zero beating with WWV. Complete with tube and instructions for hooking to receiver. Size approx., 2 x 2 x 3 3/8

No. FCC-135-C Net \$ 14.25

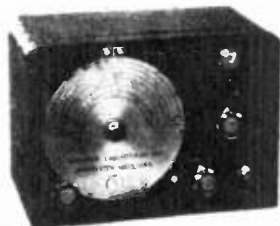
BUD FREQUENCY CALIBRATOR



A new easy to use SELF POWERED standard. Self contained power supply eliminates taking power from set. Uses a 100 KC crystal rich in harmonics, usable up to 30 MC. On and off switch, standby switch. Install in 20 seconds. Adjustment for zero beating. Complete with tube and crystal.

No. FCC-90 Net \$ 13.97

BROWNING FREQUENCY METER

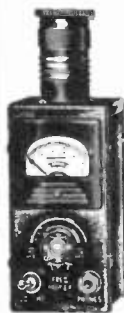


Designed to check frequency of ham transmitters from 3.5-148 MC, FM-AM. Direct frequency reading dial on 7 ham bands. Used in place of crystal to furnish RF voltage to exciter or transmitter. Audio detection of 0 beat. 5 1/2" dial, steel cabinet. 110 volts AC-DC operation. Complete with tubes.

No. MJ-9 Net \$89.50

TRIPLETT

FREQUENCY METER



3256

Band switching type covers 5 ham bands. Uses new Germanium crystal and DCMA. Direct calibration. Audio jack for monitoring phone signals. Can be used for checking fundamental frequencies, parasitics, neutralizing RF ampl. standing wave ratio on lines, undesirable or small RF signals etc.

Model 3256 Net \$ 14.45

BUD GIMIX

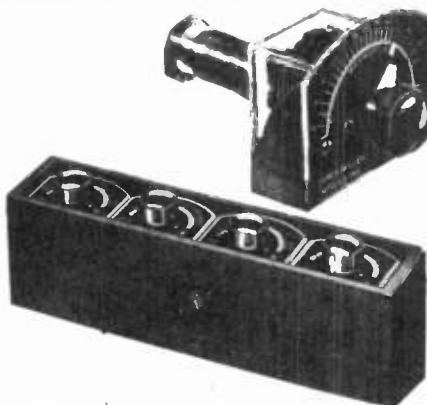


A dependable low cost general utility instrument which can be used as wave meter - covers all ham bands; Monitor - jack for phone rigs; Field Strength Meter for tuning antenna. Neutralizing indicator will show complete neutralization. Carrier shift indicator. When used with milliammeter will afford indication of correct tuning.

No. GX-79 Net \$ 8.13

MILLEN

ABSORPTION FREQUENCY METERS



Useful for checking transmitter. Can be used very close to coils, chassis etc. Will check parasitics, harmonics, oscillator doubler, tank tuning. May be purchased singly or in sets. All types directly calibrated in frequency.

Number	Description	Net
90604	Range 160-210 MC	\$ 6.00
90605	3.0-10 MC	4.50
90606	9.0-23 MC	4.50
90607	23-60 MC	4.50
90608	50-140 MC	4.50
90609	130-170 MC	6.00
90610	105-150 MC	6.00
90619	350-1000 KC	15.00
90600	Complete set, 90605 thru 90608 Wood case	18.00
90601	Deluxe set, 1.5 to 40 MC. Metal case	29.00

INSTRUMENT FUSES

Size	Net E.
1/200	\$.18
1/100	.15
1/32	.15
1/16	.09

SILVER



SILVER ABSORPTION WAVE METER

Plug in coils allow unusually wide frequency range from 1600 KC up to 400/500 MC range. Seven directly calibrated ranges, eighth scale, 0-100. Resonance and approximate frequency shown by dip of meter or lamp.

Model 903, Meter less coils	\$ 3.30
Type 100 coil, 1600-3700 KC	.65
Type 101 coil, 3500-8000 KC	.65
Type 102 coil, 8000-15000 KC	.65
Type 103 coil, 17-40 MC	.65
Type 104 coil, 40-100 MC	.65
Type 105 coil, 100-300 MC	.65
Type 106 coil, 400-500 MC	.65

BUSS GLASS TUBE FUSES

AGC formerly called 3AG		AGX formerly called 8AG	
SFE 4	SFE 6	SFE 9	
Number	Amps	Net Ea.	Net Per Box - 5
SFE	4, 6, 9 or 14	\$.03	\$.13
SFE-20	20	.03	.10
SFE-30	30	.04	.18
AGC(3AG)	1/8, 1/4, 3/8	.09	.38
AGC(3AG)	1/2 or 3/4	.04	.18
AGC(3AG)	1, 1 1/2, 2 or 3	.03	.14
AGC(3AG)	5, 6 or 7 1/2	.02	.10
AGC(3AG)	10 or 15	.03	.14
AGC(3AG)	25 or 30	.03	.14
Size 1/4 x 1			
AGX(8AG)	1/4, 3/8, 1/2 or 3/4	.07	.32
AGX(8AG)	1, 1 1/2, 2 or 3	.06	.27
AGX(8AG)	5 or 20	.03	.14

FUSE HOLDERS, CLIPS

E4320 4485 4405		433/ 901		HCM HKP HJM	
Number	For Fuse	Net			
HCM	1 1/4" fuses, 18 amps	\$.35			
HKP	1 1/4" " 15 "	.22			
HJM	1" " 15 "	.22			
4551	13/32" " "	.05			
901	1/4" " "	.02			
4520	bakelite base, Single 1"	.09			
4485	" " Double	.18			
4405	" " Single 1 1/4"	.09			
4408	" " Double 1 1/4"	.18			
2348	Auto fuse holder	.09			
1059	Meter back mounting	.20			

G-C FUSE CLIPS

High quality clips for midget fuses, instruments, test equipment, etc.

No. 6310 — Env. 20 Clips Net \$.24



G-C MACHINE SCREWS



Number	Env.	50 Asst.	Net
296			\$.24
6001	Env. 55	4-36 Asst.	.24
6002	"	45 6-32	.24
6003	"	40 8-32	.24
6004	"	35 10-32	.24

G-C SHEET METAL SELF TAPPING SCREWS



No. 297—Env. 40 Asst'd. Screws. Net \$.24

G-C WOOD SCREWS



Nickel plated round head screws in popular sizes.

No. 6110—Env. 40 Asst'd. Screws Net \$.24

G-C Ornamental Head Screws

Popular Rosette head, statuary bronze head screw, such as used to mount speakers, etc. 5/16" head.



No. 1094 —Env. 25 Asst. Net \$.24

G-C Rack Screws



Popular type oval headed nickel machine screws for mounting panels, racks, electronic devices, etc.

No. 6039—Env. 15 ea. rack screws and washers Net \$.24

G-C Spade Bolt Assortment

Handy assortment for attaching coils, condensers, radio parts, etc. Stud size 6-32, hole for No. 6 screw.

No. 6080—Env. 30 Asst. Bolts Net \$.24



G-C Escutcheon Plate Screws



Bronze plated wood screws such as are used for attaching escutcheon plates to cabinets.

1090-E Env. 60 Asst. Net \$.24

G-C MACHINE SCREW AND NUT ASSORTMENT



4-36; 6-32; 8-32; 10-32 Screws and Nuts

No. 6038 -Env. 25 Screws—25 Nuts. Net \$.24

G-C Cotter Pins



Replacement Cotter Pins for all purposes in Radio, Electrical, and Mechanical work.

No. 6440—60 Asst'd. Cotter Pins Net \$.24

BRASS SPACERS



1/4 x 1 Net .04

G-C STEEL STOCK CABINETS



4001 Net \$ 1.47

Ideal steel drawer type cabinet for Radio Parts, etc. Made so cabinets can be stacked on top of each other. Size, 13 1/4" long; 6" wide; 4" high.

G-C FIBRE WASHERS



No. 1718—Env. 60 Assorted Washers Net \$.24

Hardware



G-C HEXAGON NUTS

293	Env. 60	Asst.	\$.24
6041	Env. 65	4-36 Asst.	.24
6041-A	"	65 4-40	.24
6042	"	55 6-32	.24
6043	"	50 8-32	.24
6044	"	35 10/32	.24

G-C Mounting Nut Assortment



Asorted nuts for switches, volume controls, shafts, etc.

No. 6050 —Env. 15 Assorted Nuts Net \$.24

G-C WING NUTS



Handy steel wing nuts needed for many applications and experimental work.

No. 6658E —Env. 10, 6-32 Nuts Net \$.24

G-C KNURLED THUMB NUTS



BRASS TYPE, FOR POPULAR THREADS

No. 6655E —Env. 15, 6-32 Nuts Net \$.24

G-C Acorn Nuts



Acorn Nuts same as used on Racks and Panels as a finishing nut No. 6, 8, and 10 sizes.

No. 6030—Env. 12 Acorn Nuts Net \$.24

G-C Speed Nuts



Handy speed nut packages for No. 4, 6, 8, and 10 screws. Ideal for Radio Work.

No. 6051—Env. 40, No. 4 Speed Nuts. Net \$.24

G-C C-Washers



Steel C-Washers for volume controls, condensers, shafts, etc.

No. 6180—Env. 50 Washers Net \$.24

G-C LOCK-WASHERS

Steel Lock-Washers for No. 4, 6, 8, and 10 screws.



No. 1717—Env. 65 Washers, asst'd. Net \$.24

G-C Cup Washers

Nickel plated cup washers for panels, racks, and cabinets.



No. 6159—Env. 40 Washers Net \$.24

"HELL BOX"



A grand assortment of screws, nuts, clips, lugs, washers clamps, caps, and all parts needed in everyday repair work. No. 6500 Net \$2.65

G-C Angle and Bracket Assortment



Assorted angles and brackets for radio and electrical repair and construction work.

No. 6260—Env. 15 Angles & Brackets Net \$.24

G-C Snap Button Hole Plugs



The plug so popular on many sets to seal adjustments, cover holes, etc. Will fit in any material up to 1/16" thick.

1710 Env. 10 Asst. \$.24



G-C Snap-in Trimounts

Trimounts are used in place of screws to fasten dials, built in aeriels, speakers and other parts. Have replacements on hand.

No. 1719—30 Asst. Trimounts Net \$.24

G-C Screw Type Chassis Felt Feet



No. 1086-A—10 Asst. Felt Feet Net \$.24

G-C Rubber Chassis Mounts



Live rubber mounts for floating chassis and speakers, to prevent microphonic noises.

No. 1038—10 Asst. Small. Net \$.24

Compression Spring Assortment



Used on dials; push button tuners, phono-motors, etc.

6430 Env. 20 Asst. Sm. \$.24
6431 " 15 " Lg. .24

G-C Ventilating Plugs

Ventilating plug for amplifiers, racks, transmitters, etc. Just snaps in a 1" hole.



No. 1709—Env. 4 Ventilating Plugs Net \$.24

G-C Rivet and Eyelet Assortment

Special assortment of popular size rivets and eyelets. For riveting sockets and parts to chassis, making electrical connections on appliances, etc. Nickel plated.

No. 1027—55 assorted Net \$.24

G-C Cables Holder Clamps



Assorted clamps for fastening cables on P. A., Intercommunicating systems, etc.

No. 6250—Env. 25 Clamps Net \$.24

G-C Eyelet and Clamp Assortment

The same eyelets and clamps used on READY MADE CABLES. Make your own cables and belts—AND SAVE!



No. 1028—60 asst'd. pieces Net \$.24

TRIMM

"FEATHERWEIGHTS"

24000 ohm impedance precision built phones. Very light weight.

No. 100

Net \$ 5.88

"ACME"

Superior headset in the lightweight, low price field. 2000 ohms DC. 4½ ft. cord.

No. 25

Net \$1.62

"LORNETTE"



Single earphone on adjustable handle. 1000 ohms resistance. 4500 ohm impedance.

No. 120

Net \$ 4.41



No. 460

OUTLET BOX

Individual volume control for hearing aid installations. 10,000 ohm control.

No. 460

Net \$ 2.35

HEADPHONE CUSHIONS

Minimize ear phone fatigue.

No. 195 Net per pr. \$.65

HEADSETS

Brush



BRUSH CRYSTAL PHONES

Model "A" pair. General purpose phones 100-10000 C.P.S. High impedance, high sensitivity. 5 ft. cord, adjustable head band.

Net \$ 7.06

Model "A" single phone. Same as above but one phone.

Net \$ 3.79



HUSHATONE

Brush "Hushatone" Model BA303. Under pillow speaker. High impedance. 6 ft. cord.

Net \$ 7.32

HEADPHONE PLUGS



No. 512



75



75-N

No. 75, 2-way bakelite shell Net \$.39
No. 75N 2-way metal shell .59
No. 512 "flat" plug. .38



C. F. CANNON CO.

"BRANDES SUPERIOR"

Aluminum case, black bakelite cap. Adjustable headband. 4½ ft. cord. 2000 ohms DC.

No. BS-2

Net \$ 2.06

"CANNONBALL DIXIE"

"The Old Faithful" Outside Terminal type. Aluminum case, black bakelite cap. Chrome steel magnets. Adjustable headband. 4½ ft. cord. 2000 ohms DC.

No. CD2

Net \$ 1.76

HEADPHONE CORDS

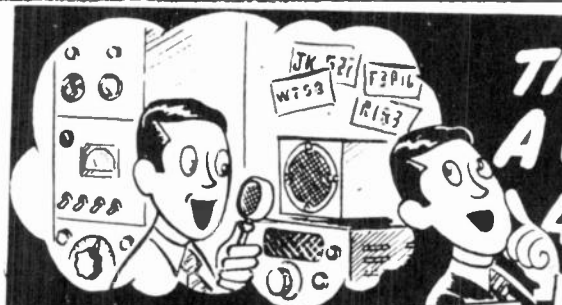


5 ft. long. Single, tips both ends or tips and lugs.

Net \$.42

Double, tips both ends or tips and lugs.

Net \$.69



HERE'S YOUR DREAM RIG COME TRUE!

NOW... thanks to the extra-liberal trade-in allowances offered by Walter Ashe on your used equipment, you can obtain the rig of your dreams at a real bargain price! Here's how: Select the items of your choice from our complete stocks. Then wire, write or phone for a money-saving deal.

THINK OF IT... A COMPLETE NEW AMATEUR STATION

HAM GEAR • TEST EQUIPMENT

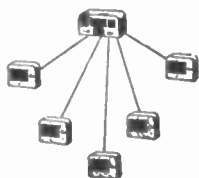
COMPONENTS • SUPPLIES

RADIO and ELECTRONICS

WALTER ASHE RADIO CO. 1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

Talk-A-Phone

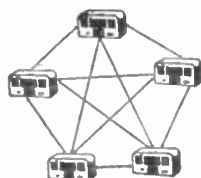
KR-4010 MASTER SELECTIVE SYSTEM



The KR-4010 system consists of one Master station working with up to a total of 10 Sub-Stations. This system affords private 2-way conversation between the Master and any Sub as well as simultaneous address from Master to all Sub-Stations. Sub-Station can answer and originate calls to the Master but cannot talk to one another. Individuals at Sub-Stations may answer any call without leaving their work and without touching the unit from as far away as 40 ft. "Silent Feature" shuts out all sounds originating at Sub-Station yet permits Sub to originate calls to Master. 110 VAC or DC operation.

Number	Net
KR-4010 Master Station	Net \$ 29.95
RU-433S Sub-Station	Net ea. 8.25
4433 Cable for above	
Net per 100 ft.	5.20

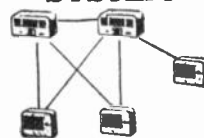
KS-6010 SUPER SELECTIVE SYSTEM



KS-6010 Special Deluxe system is made up exclusively of Master Stations. Any station can call any other station in the system and, in addition, a number of 2-way conversations can be carried on at one time. Use any number of Masters from 2 to 10. As many as five complete 2-way conversations may be maintained at one time. "Silent Feature" assures complete silence at every Master between conversations. Stations may call one another regardless of whether station being called has power on or not. System will operate with units as far as 2500 ft. apart. 110 VAC or DC operation.

Number	Net
KS-6010 Master Station	\$ 31.46
9911 Cable for KS-6010	
Net per 100 ft.	19 99

KC-8050 COMBINATION SYSTEM



KC-8050 Combination System. This is indeed a versatile system, it consists of Masters and Subs intermixed up to a total of 5 stations. Master stations may listen in at will to any of the other units, either Master or Sub-Stations. Subs cannot listen in on the Masters except when they are called by the Master. Master stations may talk to each other and to Subs. Subs can answer Master but cannot originate calls to them nor talk to other Subs. You can begin with 2 stations (at least one must be a Master) and add units up to a total of 5. Will operate up to 2500 ft. Volume is individually controlled at each Master. 110 VAC or DC operation.

Number	Net
KC-8050 Master Station	\$ 32.34
UC-821S Sub-Station	7.25
3605 Cable for inter-connecting KC-8050	
Net per 100 ft.	\$ 17.35
1212 Cable for connecting Subs to Master.	
Net per 100 ft.	\$ 3.54

Ask us for complete catalog of "TALK-A-PHONE" which shows systems for use on alternating current only.



MASCO



Model JM-5 System. One Master and up to 5 Sub-Stations. Master can converse with all remote stations or can select conversation with any one Sub-Station. Sub-Station can originate call to Master. Attractive walnut Hammertone unbreakable housing; 110 volt AC or DC operation.

Model JM-5 Master Station	Net \$19.05
Model JM-5 Sub-Station	6.75
Three wire cable for above, Per ft.	.03

Model JMR Two Station System. Includes one Master and one remote station, 50 ft. of cable. This system answers the need for a Doctor's office to receptionist and similar applications. Volume control and on-off switch mounted on Master. Sub-Stations can originate calls to Master. Attractive walnut Hammertone unbreakable housing. 110 volt AC or DC operation.

Model JMR Complete system	Net \$ 23.97
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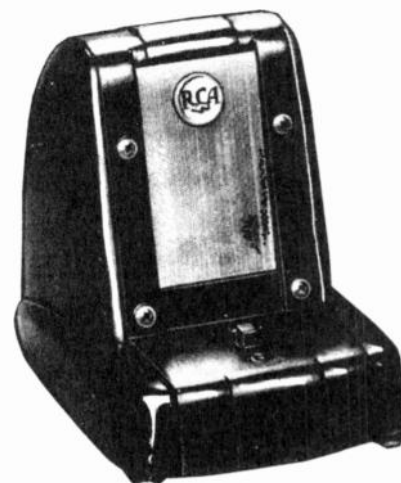
Model IM-5 System. Consists of Master stations up to and including 6. Each Master can talk 2-way with any or all Masters in the system. Each station has its own "Press-to-Talk" switch & station selector with volume control and on-off switch. No cross talk between stations. Walnut Hammertone unbreakable housing. 110 volt AC or DC operation.

Model IM-5 Master Station	Net \$19.05
7 Conductor cable for use with up to six stations.	Net per ft. \$.15

ALL MASCO INTERCOMS LISTED ABOVE BEAR THE UNDERWRITERS APPROVED LABEL.



INTERCOM SYSTEM



This new 2 station intercom may be used anywhere between two points; in the office, the home, stores, Doctors & Dentist office, on the farm, etc. Separate amplifier reduces station size to minimum. Good reproduction.

No. 13167 Complete 2 Station system includes 2 speaker stations, amplifier & 100 ft. of wire.	
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Net \$ 31.04

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

BIRNBACH

PORCELAIN INSULATORS



Number	Hgt. Above Panel	Hgt. Below Panel	Net
458	5/8	1/4	\$.13
478	1	5/16	.18
4125	1 1/4	3/8	.21
4175	2 3/4	3/4	.48
Jack Type			
478-J	1	5/16	.23
4125-J	1 1/4	3/8	.24
4175-J	2 3/4	3/4	.68

PORCELAIN FEED THROUGH INSULATORS



All insulators listed below made of highly vitrified, low absorption porcelain. Complete with hardware.

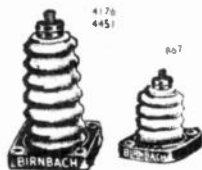
Plain Standoffs

Number	Height	Net
405	5/8	\$.07
965	1	.09
966	1	.09
866	1 1/2	.12
4275	2 3/4	.31
4450	4 1/2	.59

Jack Standoffs

Number	Height	Net
966-J	1	\$.12
866-J	1 1/2	.15
4275-J	2 3/4	.53
4450-J	4 1/2	.79

METAL BASE INSULATORS



STANDOFF

Designed to replace conventional porcelain insulators where there is danger of base cracking when fastened down. Cadmium plated base.

Number	Height	Net
867	1 3/8	\$.18
4176	2 3/4	.33
4451	4 1/2	.49

JACK TYPE

Number	Height	Net
867-J	1 3/8	\$.24
4176-J	2 3/4	.42
4451-J	4 1/2	.68

Jack Cone Standoffs



Number	Height	Net
431-J	1	\$.21
432-J	1 1/2	.24
433-J	2 3/4	.45

Insulators

LEAD-IN INSULATORS



Consists of two 2 3/4" cones and 10" or 15" rod. No. 4237 and 4238 have insulating bushings for rod through wall.

Number	Rod Length	Net
4235	10"	\$1.03
4236	15	1.18
4237	10	1.32
4238	15	1.68

BUTTON INSULATOR



May be used as binding post or small standoff. Extends 1/4" above and below panel.

No. 457 Net \$.18

E. F. JOHNSON CO.

Cone Standoffs

135-500
70
135-504



Number	Height	Net
135-500	5/8	\$.12
135-501	1	.18
135-502	1 1/2	.33
135-503	2	.45
135-504	3	.73

FEEDER SPREADERS

AMPHENOL POLYSTYRENE



Light in weight, extremely low-loss, self tapping screws hold the line rigid.

Number	Size	Net
66-205	2	\$.09
66-206	4	.12
66-207	6	.15

BIRNBACH



High tensile strength smooth glaze porcelain.

Number	Length	Net
462	2"	\$.13
464	4	.18
469	6	.24

BUD



Lucite, with clamps on end to hold 12 to 18 gauge wire.

Number	Length	Net
I-1900	2"	\$.21
I-1901	4	.27
I-1902	5	.30
I-1903	6	.33



LUCITE STANDOFF INSULATORS



A size for all requirements. Good insulation. Modern appearance. 1/2" diameter insulation supplied with 6/32 screws, 3/4" diameter supplied with 10/32 screws.

Number	Height	Diam.	Net
I-1904	1 1/4	1/2	\$.21
I-1890	2	1/2	.30
I-1905	2 3/4	1/2	.33
I-1899	1 1/4	3/4	.36
I-1906	2 1/4	3/4	.42
I-1907	4 1/4	3/4	.59
I-1908	6 1/4	3/4	.82

LUCITE FEED THROUGH INSUL



Same as above but for feeding leads through chassis, shield etc.

Number	Diam.	Hgt. Above Panel	Hgt. Below Panel	Net
I-1909	1/2	1/4	1/4	\$.22
I-1910	1/2	1/2	1/4	.25
I-1911	1/2	1	1/4	.30
I-1912	3/4	1 1/2	1/2	.50
I-1913	3/4	2	1/2	.59

300 OHM LINE STANDOFF



Acrylic standoff for 300 ohm line, good insulation, mounts with one wood screw.

No. 66-909 Net ea. \$.09

WALL LEAD-IN



Use for bringing lead or feeders through wall. 12" insulated brass rod.

No. I-742 Net \$.59

PLASTIC WINDOW PANE



Clear polystyrene window pane for lead-ins. Easy to work. Good insulation.

Number	Size	Net
19-062	1/16 x 12 x 16	\$ 1.41
19-093	3/32 x 12 x 16	2.18
19-125	1/8 x 12 x 16	2.73
19-187	3/16 x 12 x 16	4.03
19-250	1/4 x 12 x 16	5.44

SHAFT



Number	Net
SE-1979 1/4 x 12 bakelite shaft	\$.59
SE-1056 1/4 x 6 brass shaft	.15
SE-796 1/4 x 12 brass shaft	.30

AMPHENOL

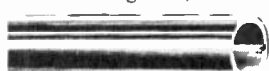
INSULATING MATERIAL

912^A Rod



Number	Size	Net
19-R-250	1/4 x 12	\$.08
19-R-375	3/8 x 12	.17
19-R-500	1/2 x 12	.31
19-R-750	3/4 x 12	.68
19-R-1000	1 x 12	1.27

912-A Tubing - 1/16" Wall



	O.D.	
19T1-062	3/16	\$.05
19T4-062	1/4	.07
19T5-062	1/2	.14
19T7-062	3/4	.23
19T8-062	1	.31

912-B Strips, 12" Long

65TS1-250	1/16 x 1/4	\$.13
65TS1-500	1/16 x 1/2	.19
65TS1-750	1/16 x 3/4	.25
65TS1-1000	1/16 x 1	.31
65TS2-250	1/8 x 1/4	\$.14
65TS2-500	1/8 x 1/2	.22
65TS2-750	1/8 x 3/4	.30
65TS2-1000	1/8 x 1	.39
65TS3-250	3/16 x 1/4	\$.18
65TS3-500	3/16 x 1/2	.27
65TS3-750	3/16 x 3/4	.38
65TS3-1000	3/16 x 1	.47
65TS4-250	1/4 x 1/4	\$.21
65TS4-500	1/4 x 1/2	.31
65TS4-750	1/4 x 3/4	.45
65TS4-1000	1/4 x 1	.55
65TS6-250	3/8 x 1/4	\$.29
65TS6-500	3/8 x 1/2	.44
65TS6-750	3/8 x 3/4	.53
65TS6-1000	3/8 x 1	.77
65TS8-250	1/2 x 1/4	\$.39
65TS8-500	1/2 x 1/2	.59
65TS8-750	1/2 x 3/4	.83
65TS8-1000	1/2 x 1	1.06

AMPHENOL SCREW EYE STANDOFFS



Two types available: one for any flat twin-lead, the other for coaxial cables or other leads with diameter not greater than 1/2". Wood screw is 3" long.

No. 66-201 Coaxial Type	Net \$.09
No. 66-202 Twin Lead	.09

ANTENNA SPRING ADJUSTER



Prevents swinging and swaying of antennas. Takes up slack.

No. 765	Net \$.48
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INSULATORS NATIONAL

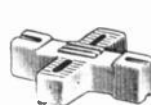


Low loss steatite standoff insulators, nickel plated caps and bases.

Number	Size	Net
GS1	1/2 x 1 3/8	\$.24
GS2	1/2 x 2 7/8	.30
GS3	3/4 x 2 7/8	.60
GS4	3/4 x 4 7/8	.75
GS4A	3/4 x 6 7/8	1.05
AA-5	Steatite airplane ins.	.30

JOHNSON

"Q" SUSPENSION ASSEMBLY



Includes new type insulator and all necessary hardware for connecting "Q" section to antenna and line.

Number	Size	Net
136-39	Suspension Assembly	\$1.50
136-106	Insulator only	.36
136-33	"Q" Spacing Bar	.27

ANTENNA INSULATORS PORCELAIN



Number	Length	Type	Net
668	4 1/2"	Strain	\$.18
470 W.P.	7	" Wet.Proc.	.75
471	12	" "	.75
468	4 1/2"	" Center	.24

EGG ANTENNA INSULATORS



Number	Type	Net
4659	2" White Strain	.06
7559	2 1/4 Brown HD	.12

SMALL STRAIN INSULATORS



3451	3" Glass	.05
5145	3 Brown Porcelain	.05

BIRNBACH



Cones are 2 1/2" high. 4237 and 4238 have sufficient insulating bushings to insulate rod that goes through wall.

Number	Description	Net
4235	10" Rod	\$ 1.03
4236	15" Rod	1.18
4237	10" Rod with bushings	1.32
4238	15" Rod	1.68

AMPHENOL SILICONE COMPOUND



For insulating transmission lines to eliminate surface moisture by breaking into isolated drops. Also good for moisture proofing of RF and other electrical connectors, ignition systems, etc. Non-Corrosive.

No. 307-1	1 oz. tube	Net \$ 1.18
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G-C RUBBER GROMMETS

LIVE RUBBER GROMMETS FOR PROTECTING CABLES, WIRES, MOUNTING CONDENSERS, PHONO MOTORS, SOCKETS, ETC.



Number	Env.	15 Asst.	Net
1039			\$.24
	Grommet, any size.		Net ea. .02

G-C FYBEROID



"FISH PAPER"

No. 560	— .010"—240 sq. in.	Net \$.30
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G-C INSULATING CAMBRIC



"BREAKDOWN VOLTAGE 10,000 VOLTS"

Dry yellow varnished cambric for field coils, transformers, chokes, resistors, etc.

No. 549	Roll, over 210 sq. in.	Net \$.45
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G-C ASSORTED SATURATED SLEEVING KIT



An assortment of 7 1/2" lengths of saturated sleeving. 26 lengths to the kit. Sizes include from No. 17 wire to 3/8" I.D.

No. 550	Kit 26 lengths	Net \$.39
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SPAGHETTI TUBING

36" long. Will fit wire up to #12. Colors: Black, Blue, Yellow, Green.

No. 5872	Net, per lgth.	\$.09
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MALLORY

Number	Net
701	\$.33
702	.45
702A	.45
702B	.45
703	.52
703A	.52
703B	.52
703C	.52
704	.60
704A	.60
704B	.60
705	.69
706	.75



ICA PORTABLE JACKS



Number	Type	Net
1903	Single circuit bakelite shell	.65
1913	Single circuit metal shell	.74

JACKS
PHONE TIP JACKS



For phone tips. Mounts in 1/4" hole.
Colors: Red, Black, Green, Yellow.

Number	Type	Net
889	Insulated	\$.11
357	Non-Insulated	.09

EXTENSION JACK



Number	Type	Net
100	2 contact Fiber Shell	\$.78
100N	2 contact Metal Shell	.99
100A	2 contact Metal with cable clamp	1.38

MIDGET PHONE JACKS

Number	Type	Net
1114	Open Circuit	\$.22
1115	Closed Circuit	.25
J-37	For Army PL68 Plug	.39

AMPHENOL SINGLE JACKS & PLUGS



Of molded bakelite, mounts in 3/8" hole. May also be used as feed-through
Colors: Black, Red, Green, Blue. Specif

Number	Use	Net
78-1P	For .080" Phone Tip	\$.05
78-1S	For 3/32" Plug	.05
78-1M	For 1/8" Plug	.05
78-1L	For 5/32" Plug	.05

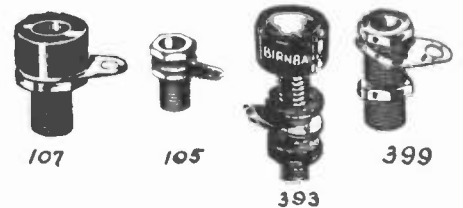
PLUGS FOR ABOVE

Number	Size	Net
71-1S	3/32"	\$.04
71-1M	1/8"	.04
71-1L	5/32"	.04

RCA TYPE PHONO JACK & PLUG

Number	Type	Net
2383	Plug	\$.09
2385	Jack	.15

BANANA JACKS



Number	Type	Net
107	Insulated (4 colors)	\$.09
105	Non-Insulated	.05
393	Giant Jack (Red or Blk)	.30
399	Non-Ins. Giant Jack	.18

Ready for you... **SURPRISE** **TRADE-IN ALLOWANCES** BY *Walter Ashe*



Your Receiver or Test Equipment may be worth far more than you think! Allowances offered by Walter Ashe on your used equipment, in exchange for new topnotch receivers and test equipment, are the sensation of the industry! Better get your trade-in deal working right now. Tell us by phone, wire or postcard what you have to trade. Watch us fly into action to make you a money saving deal.

A Tonic for Tired Purses!

Before *After*

a Walter Ashe Trade-In-Deal!

It's the smart way to deal! Trade in the old now with Walter Ashe, and get top allowance! Tell us what you have to trade... we'll make you a real offer!

KEYS-- PRACTICE SETS -- TELEGRAPH INSTRUMENTS

SIGNAL



The old reliable, standard wireless key. Will carry heavy currents. All brass. Navy knob included.

Number		Net
R-62	3/16" contacts	\$ 3.31
R-63	1/4" "	3.38
R-64	3/8" "	3.57



This key recommended for rapid transmission. Brass. Contacts .072.

Number M-100	Net	\$ 2.91
Same as above, less switch.		
Number R-48	Net	\$ 2.69



Scientifically correct learner key. Mahogany finish. Wood base with rubber feet. Key lever and binding post gun metal finish, switch lever, brass. Contacts, .072.

Number 112-K	Net	\$ 2.21
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Well designed and built economy key. Black crackle base, Movement, brass.

Number R-50	Net	\$1.50
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SPEED-X



AMATEUR KEY. General purpose key on molded black bakelite base, smooth action, 1/8" contacts.

No. 301	Net	\$ 1.76
No. 301-S Same as above, with switch		2.06



PRACTICE KEY. Well built inexpensive key on brown bakelite base.

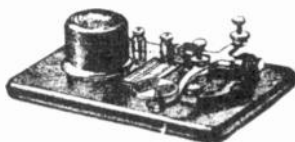
No. 300	Net	\$ 1.03
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SPEED-X
Adjustable, resistance 2 Ohms.
No. 400 Net \$1.06

PRACTICE SETS

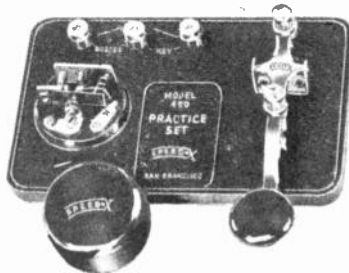
SIGNAL



Wireless practice set. Set consists of key and adjustable HF 2 ohm buzzer. Uses small battery. Attractively mounted. Instructions included.

No. R-68	Net	\$ 3.82
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SPEEDX



Practice set consists of adjustable buzzer and standard hand key mounted on bakelite base. Code and hook-up diagram included.

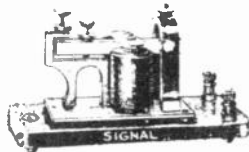
No. 450	Net	\$ 2.65
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ICA "TRIPLEX" PRACTICE SET



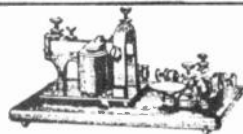
Ideal for learners of telegraphy, Boy Scouts, etc. 3 units in 1, has blinker light, buzzer and sounder. Switch to select method on panel. Operates on two flashlight cells. No 70, Less batt. Net \$1.91

SOUNDERS



Properly designed to give instant action and response to keying.

Number		Net
112-S	4 Ohms	\$3.76
113-S	20 Ohms	3.94



Learner set. Similar to above but includes key. May be used for 2-way operation. Construction manual included.

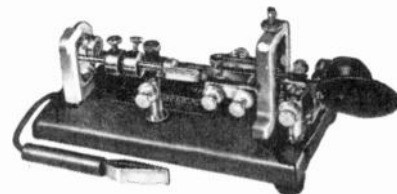
Number		Net
M-110	4 ohms	\$ 5.63
M-111	20 ohms	5.81



SIGNAL

Adjustable high frequency buzzer. 2 Ohms resistance. No. R-60 Net \$ 1.32

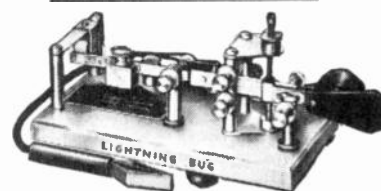
THE VIBROPLEX CO.



"ORIGINAL" Single lever style. 2 pairs of 3/16" contact points. Wt. 3 1/2 lbs. Very efficient machine, complete with cord and wedge. Finish, Polychrome parts with black base. With circuit closing switch. Net \$ 15.95

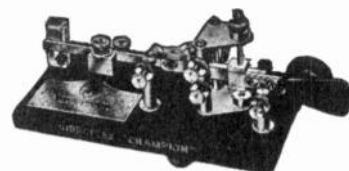
"ORIGINAL DELUXE" Same as above but with chrome base and patented jewel movement.

Net \$ 19.50



"LIGHTNING BUG". One of the latest models by Vibroplex. Very easy to use, smooth quality at all speeds. May be slowed to 10 W.P.M. 3/16" contacts. Weight 3 1/2 lbs. Complete with cord and wedge. Black base, polished chromium parts. With circuit closing switch.

Net \$ 13.95



"CHAMPION" For radio use only. Inexpensive bug with exceptional sending qualities. High quality bug at low price. 3/16" contacts. Wt. 3 1/2 lbs. Without switch, cord and wedge. Black base, chrome top parts.

Net \$ 9.95



"VIBROPLEX CARRYING CASE" For all Vibroplex bugs. Cloth lined, outside finished in simulated black morocco. Reinforced corners. Will keep bug free from dust, dirt and moisture. Has lock and key.

Net \$ 5.50

TRY OUR FAST FONE SERVICE

CALL CHESTNUT 1125 FOR A

SNAPPY ANSWER TO YOUR NEEDS.

KEYS

TELEGRAPH APPARATUS CO



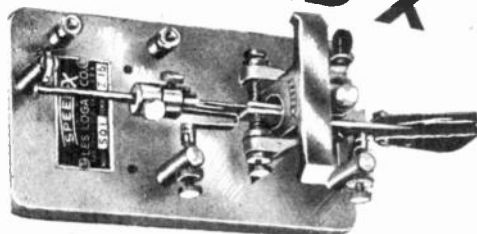
DELUXE SPEED KEY. Chrome finish base and superstructure. Superior performance, 9 adjustments.

No. C-P 810 Net \$ 9.75

PROFESSIONAL SPEED KEY. Grey wrinkle finish and polished chrome. Silver contacts, fully adjustable.

No. C-P 510 Net \$ 6.75

SPEED-X



Nos. 500, 501

STANDARD MODEL SPEED-X mounted on extra heavy steel base. Wrinkle finish. Rubber feet. 5 adjustments. Moving parts of chromium. Pure silver contacts. Complete with circuit closing switch and weight. Wgt. 4 1/2 lbs.

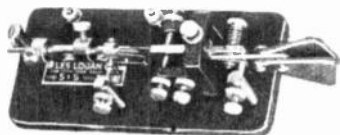
No. 500 Net \$10.29

No. 500L Left handed Model. Available on order. 11.47

DELUXE MODEL. All chrome finish. 5 adjustments. Pure silver contacts. Circuit closing switch included. Wgt. 4 1/2 lbs.

No. 501 Net \$ 14.70

No. 501L Left handed Model. Available on order. 16.17



515

510

AMATEUR MODEL. Black wrinkle finished base. Chromium plated action. Wgt. 3 3/4 lbs.

No. 515 Net \$ 7.35

No. 515L Left handed Model. Available on order. 8.82

JUNIOR MODEL, frame and base of black wrinkle. All other parts chromium plated. Adjustable from 8 WPM - High Speed. Adjustable weight and paddles. Circuit closing switch on base. Wgt. 2 1/2 lbs.

No. 510 Net \$ 7.94

REPLACEMENT PARTS

Number		Net
330	Adjustable Weight	\$.15
340	Set of 1/8" Contacts	.59
341	" 1/4 "	1.18
360	Navy Knob	.18
380	Cord & Plug	.88

BAR KNOBS



1 1/4" Long

Number	Color	Net
N-118	Black	\$.11
N-119	Walnut	.11
N-120	Ivory	.13
N-121	Red	.13

2 1/4" Long

N-128	Black	.13
N-129	Walnut	.14

Intercomm Knob



N-138 2" Long .18

BLACK, ROUND POINTER KNOBS



Set screw type. 11/16" diameter.

No. 1115 Net ea. \$.06

G. C. KNOBS

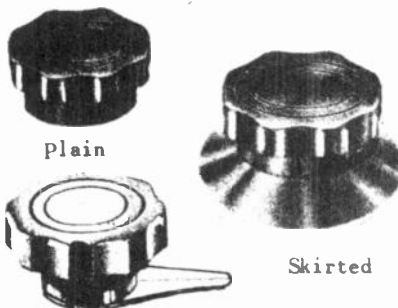


2 to package. All for 1/4" shaft.

Majestic #1100	Walnut	Net \$.16
Royal #1105	"	.16
Yankee #1109	"	.16

CRONAME FINGERGRIP KNOBS

BLACK BAKELITE



Plain

Skirted

Pointer

Plain

Number	Size	Net
6537	1 1/8	\$.22
6538	1 3/8	.24
6539	1 5/8	.30
6540	2 3/8	.39

With Pointer

6566	1 1/8	.32
6571	1 3/8	.34
6570	1 5/8	.41
6559	2 3/8	.51

Skirt

6546	1 3/4	.39
6549	2 1/16	.48
6550	3	.66

KNOBS

GEE-LAR KNOBS

Walnut, Set Screw - 1/4" Shaft



Number	Diam.	Hgt.	Net
GL-300-SS*	1	7/16	\$.09
GL-1200-SS*	1 3/16	9/16	.10
GL-1700-SS	1 1/16	7/16	.09
GL-3200-SS	1 1/16	9/16	.12
GL-3400-SS	13/16	9/16	.09

Push-On



GL-200*	3/4	3/4	.07
GL-500	3/4	1/2	.07
GL-700	15/16	7/16	.07
GL-1007*	3/4	5/8	.07
GL-1013	11/16	1/4	.07
GL-1014	11/16	1/4	.07
GL-2408	3/4	7/16	.07
GL-2504	7/8	5/8	.07
GL-42	1	1	.09

* Also available in Ivory. Please specify.

IVORY AUTO RADIO KNOBS



Number	Shaft	Diam.	Height	Net
GL-29 ^A	1/4	7/8	7/8	\$.21
GL-31 ^A	1/4	13/16	11/16	.18
GL-31 ^A	3/16	13/16	11/16	.18

All with brass insert.

NATIONAL KNOBS



"HRP" for 1/4" shaft. Black bakelite. 1 1/4" long. Net \$.18

"HRP-P" Same as above but with pointer. Net \$.24

"HRK" for 1/4" shaft, 2 3/8" diameter. Black bakelite. Net \$.57

KNOB FELTS



Env. 45 Ass't
No. 1065, \$.24



SET SCREWS

Env. 20 Ass't
No. 1062, \$.24

CRYSTAL SHURE

SHURE "MONOPLEX" CRYSTAL CARDIOID



Unidirectional characteristics allow satisfactory operation under adverse conditions. Practically dead at rear. Swivel head permits aiming at source of sound. Negligible feed-back. Frequency response 60-10000 CPS. High impedance output. 20 ft. cable. Pearl grey finish.

No. 737A Net \$ 20.87

SHURE "STRATOLINER" CRYSTAL



Beautiful appearance. May be used as directional or non-directional. Swivel 90° angle. Pearl Grey finish. Frequency response, 60-8000 CPS. High impedance.

Number Net
708A-7 7 ft. cable \$14.70
708A-20 20 " 15.58



SHURE "ECONOMY" Good performance at low cost. Semi-directional pickup. Pearl Grey finish, polished grille.

Number Net
707A-7 7 ft. cable \$7.94
707A-20 20 " 8.82



SHURE "VERSATEX" Crystal mike. Inexpensive, high output. Suitable for table-top, hand mike or will fit regular stand. Plastic case, 7 ft. cable. Frequency response, 60-8000 CPS.

No. 718A Net \$ 6.76

ASTATIC



"OLD RELIABLE"

First practical crystal mike ever developed - still going strong. High output. Frequency response, 30-7500, rising response, 500-4000. Bright chrome finish. Includes plug and socket connector. 7 ft. cable.

No. D-104 Net \$ 14.47

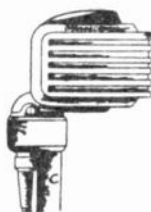


ASTATIC "T-3" CRYSTAL MIKE. For studio hookup, ham use, PA systems, etc. Frequency response, 30-10000 CPS. High impedance. Bright chrome finish. With adaptor and 25 ft. shielded cable.

No. T-3 Net \$ 16.02

MICROPHONES

CRYSTAL TURNER



TURNER "34" High fidelity semi-directional. For studio and PA work. Frequency response, 50-10000 CPS. High impedance output. Satin chrome case, 20 ft. cable.

No. 34X Net \$ 17.05
No. S34X, with switch add to price \$ 1.18



TURNER "33"

High fidelity all purpose mike. Frequency response, 50-9000 CPS. High impedance output. Satin chrome case, 20 ft. cable.

No. 33X Net \$ 14.41
No. S33X, with switch add to price \$ 1.18



TURNER "22"

General purpose crystal mike. For hams, paging & general sound work. Satin chrome finish. 90° tilting angle. Frequency response 50-9000 CPS. High impedance, 7 ft. cable.

No. 22X Net \$ 11.76
No. S22X, with switch add to price \$ 1.18



TURNER "CHALLENGER" CRYSTAL MIKE. Economy model. Inexpensive PA and ham mike. Satin chrome finish. Frequency response, 50-7000 CPS. High impedance, 7 ft. cable.

No. CX Net \$ 9.56



TURNER "CHALLENGER" CRYSTAL MIKE. Economy model. High impedance. Frequency response, 50-6000 CPS. Semi-directional. Brown enamel case. 7 ft. attached cable.

No. BX Net \$ 6.38



TURNER "VT-73" CRYSTAL MIKE. Engineered especially for crisp quality speech and PA work. Adjustable swivel head on black table stand. Frequency response, 50-7000 CPS. Moisture proofed crystal. Rising curve response at 500-4000 cycles. High impedance, 7 ft. cable.

No. VT-73 Net \$ 12.64



ASTATIC "JT" SERIES Excellent quality, low price crystal mike. For ham, PA and home recording. Complete with stand. 15 ft. cable. Grey and chrome finish.

Number Net
JT-30 Wide range \$ 9.97
JT-40 Voice range 9.97

ACCESSORIES



TURNER "THIRD-HAND"

Holds microphone close to your mouth to permit close talking. Slips over head. Adjustable gooseneck. Fits all 5/8"-27 mikes.

No. 3H Net \$ 2.94

SHURE MIKE CABLE TRANSFORMER



High quality transformer for use with good dynamic microphones. Solves problem of long cable lengths. Matches 35-250 ohm mikes to high impedance amplifier input. Size, 1 5/8" x 2 7/8". 7 ft. cable.

No. A86A Net \$ 8.97

UTC MIKE CABLE TRANSFORMER



Designed to be inserted in the cable circuit, and are ruggedly constructed to withstand mechanical abuse. May be located any place on the cable within 25 ft. of the amplifier. Diameter, 1 1/2". 2 1/2" long. Primary, tapped 30/50 & 200/250. Secondary to grid.

No. MC-1 Standard Fidelity Net \$ 7.65
No. MC-2 High Fidelity 10.00



SHURE "ON-OFF" SWITCH Plug-in connections eliminates soldering. Quickly installed. Satin chrome finish

No. A83A Net \$ 3.53



AMPHENOL MIKE SWITCH

For use at microphone or in cable. Used as push-to-talk or slide switch.

No. 75-MCIS Net \$.65



CARBON GRANULES. Finest grade polished carbon. No ash content. Will stand high current without burning. Ample supply for several double button mikes.

Net \$.47
No. 1282 General purpose type



EASTERN MIKE

Fitting to adapt all mikes with 1/2" pipe thread to standard 5/8"-27 stand.

No. 107 Net each \$.59

ALL THE BIG NAME BRANDS OF AMATEUR SHORT WAVE RECEIVERS and TRANSMITTERS

Choose your favorite new Receiver, Transmitter or related apparatus from Walter Ashe's ample and varied stocks. Prices are right.

SHURE

Dynamic



SHURE "BROADCAST" Super Cardioid Dynamic Mike. Moving coil type. Unidirectional characteristic practically eliminates feed-back. Frequency response, 40-10000 CPS. Swivel head, rubber mounting. Incorporates multi-impedance transformer for output of 30-50, 150-250 or high impedance. Satin chrome finish, 7 ft. cable.

No. 556 Net \$ 51.45



SHURE "UNIDYNE" Has same mechanical properties & case as Model 556, but for general purpose work. Dead at rear. Frequency response, 40-10000 CPS. Incorporates multi-impedance switch 35-50, 150-250 or high impedance output. 25 ft. cable.

No. 55 Net \$ 36.75



SHURE "SONODYNE" Dynamic mike. A pressure dynamic high output mike with wide range frequency response, (60-10000 CPS). Incorporates multi-impedance switch which permits selection of 35-50, 150-250 or high impedance. Pearl Grey case. 20 ft. cable and plug.

No. 51 Net \$ 22.05

TURNER



TURNER "CARDIOID" Frequency response, 30-10000 CPS. Ruggedly built. For studio, PA, etc. where feed-back must be held to a minimum. Incorporates balanced line output connector with 20 ft. removable cable set. Satin chrome case. Available in 50, 200, 500 ohms or high impedance.

No. Net
101A Spec. imp. \$38.22

DELUXE "BROADCAST" MODEL. Same as above but with 3 position switch to permit different pickup patterns.

No. 101-C, Specify Imp. Net \$ 47.04

TURNER "BROADCAST" DYNAMIC

For studio broadcast, PA, recording and other uses. Ruggedly built, smooth in any climate. Frequency response 30-10000 CPS. 20ft. shielded 2 conductor cable set. Balanced line output. Satin chrome alloy case. No. (Specify Imp.) Net
211 200, 500, High. \$27.93
211 50 ohms 26.06



MICROPHONES

Dynamic TURNER



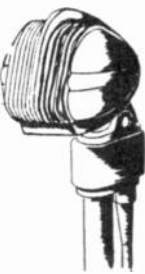
TURNER "MULTI-IMPEDANCE" DYNAMIC. Four impedances built into one mike. 50, 200, 500 ohms or high impedance by the turn of a switch. Ruggedly built, smooth performance. Frequency response, 40-9000 CPS. Gun-metal finish alloy case. 20 ft. balanced line, low capacity cable.

No. U9S Net \$ 23.52



TURNER "99" DYNAMIC. For recording, amateur & general use. Fine reproduction. Frequency response, 40-9000 CPS. Not affected by heat, cold or humidity. Gun-metal alloy case. 20 ft. cable. Specify impedance.

No. 99 200, 500 or high imp. \$ 19.99
No. 99 50 ohms 18.52



TURNER "33" DYNAMIC. General purpose type for indoor or outdoor service. Frequency response, 30-9000 CPS. Satin chrome alloy case. 20 ft. cable. Specify impedance.

No. 33D 200, 500 ohms Net
or hi-imp. \$15.88
No. 33D 50 ohms 14.70
No. S33D, with switch
add to above price 1.18



TURNER "22" DYNAMIC. Tops in value & performance. For amateur use, call systems & general sound work. Satin chrome finish. Frequency response, 50-9000 CPS. 7 ft. cable. Spec. impedance.

No. 22D 200, 500 ohms Net
or hi-imp. \$15.00
No. 22D 50 ohms 13.82
No. S22D, with switch
add to above price 1.18



TURNER "CHALLENGER" DYNAMIC. Fine performance and appearance. Adaptable to PA, ham and recording use. Used indoors or outdoors. Frequency response, 50-7000 CPS. Satin chrome case. 7 ft. shielded cable.

No. "CD" 50, 200, 500 or hi-impedance.
Specify imp. Net \$11.47



TURNER "BD" CHALLENGER DYNAMIC. Frequency response, 50-6000 CPS. Economical type mike. Brown enamel case, 7 ft. cable. Specify imp.

No. BD 50, 200, 500 Net
ohms or hi-imp. \$ 9.26

Dynamic

RCA "AEROPRESSURE" MICROPHONE



Heavy duty or outdoor pressure type. Reversible Paracoustic baffle. Non-directional at low frequency, directional at high frequency. Adjustable mounting permits tilt of head. Dark Metaluster finish. Frequency range 60-10000 CPS.

No. Net
MI-6207G High Imp. Less Cable, \$24.99
MI-12098B 15 ft. cable and conn. for above, 4.32
MI-12098C 30 ft. cable and conn. for above, 5.88
MI-6206G Low Imp. Less Cable, 24.99
MI-12097B 15 ft. cable and conn. for above, 4.50
MI-12097C 30 ft. cable and conn. for above, 5.88

RCA "AERODYNAMIC" MICROPHONE



A sensitive close talking unit unaffected by vibration or climate. Ideal where noise level is high. Used by hams, PA men and recording. Freq. Resp., 100-8000 cy. 30 ft. cable included, Grey Metalustre finish.

MI6228M, High Imp. Net \$18.14
MI6226M, Low Imp. Net \$18.14

ST. LOUIS MICROPHONE

OUTDOOR RUGGED MIKE



A dynamic mike especially designed for all-weather use - heat, cold, wet or dry. Impervious to knocks or falls. Variable output impedance switch adjustable to low, 200, 500 or high impedance. Tilting head. Frequency response, 40-9000 CPS. Complete with 15 ft. double conductor shielded cable for balanced or unbalanced line.

No. 1520 Net \$ 22.34

CARBON



UNIVERSAL CARBON MIKE. Single button, highly sensitive, lightweight and compact. Button impedance 200 ohms.

No. "W" Net \$ 2.35



UNIVERSAL Single button carbon, 200 ohms. For any use requiring carbon mike. Complete with 6 ft. cable and switch.

No. 200-A Net \$ 8.03

Ribbon



JUNIOR

VARACOUSTIC

"JUNIOR" RIBBON VELOCITY MIKE

For indoor, PA, audition, studios, intercomms, recording and stage uses. Low cost lightweight ribbon mike with smooth bi-directional response. Response 50-9000 CPS. Head may be tilted or rotated. Tapped output of 50,250, 15000 ohms. Chrome and grey finish.

No. MI4036-AB, Less cable, Net \$26.11

No. MI12097-B 15 ft. cable and connector, 4.50

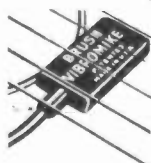
No. MI12097-C 30 ft. cable and connector, 5.88

"VARACOUSTIC" RIBBON MIKE

High quality sturdily constructed mike equipped with slide adjustment permitting choice of bi-directional, non-directional and Directional operation. Withstands temperature and pressure changes, reliable. Tilting head, rubber shock mounting. Frequency response, 70-10000 CPS. Grey wrinkle finish. 30 ft. cable included.

No. MI6204-C High Imp. Net \$47.01
No. MI6203-C Low Imp. Net 47.01

CONTACT Brush



BRUSH MODEL "VM-1" VIBROMIKE For musical instruments. Frequency response 30-60000 CPS. Easily attached. 25 ft. cable.

Net \$ 10.29

AMPERITE



**Kontak
Mike**

Excellent tone quality. Frequency response 40-9000 CPS. 10 ft. cable.

No. SKH High impedance Net \$ 7.08

No. KKH High impedance, hand volume control 10.58

TURNER



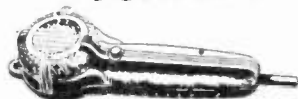
High impedance magnetic pick-up. Easily attached to instrument. 20 ft. cable.

No. MM less volume control, Net \$ 9.26

No. MM/VC with vol. control Net \$10.58

MICROPHONES

HAND TURNER



MODEL 15D or 15X

TURNER, two types available, crystal or dynamic. Crystal response 40-8000. Dynamic, 40-7000 CPS. Output, Crystal, High impedance only. Dynamic, 50,200, 500 ohms or high impedance. Both are finished in grey gunmetal enamel. 20 ft. cable on both.

No. 15X Crystal Net \$ 14.70
No. 15D Dynamic, 50 Ohms 16.17
No. 15D Dynamic, 200, 500 or Hi. 17.64
For push to talk switch, Add 1.47



TURNER 3 PURPOSE MIKE May be held in hand, placed on hook or mounted on any stand. Die-cast alloy case, satin chrome finish. Available in crystal or dynamic type. Frequency response, 60-7000 CPS. Positive contact slide switch. 7 ft. cable. No. Net
9X Crystal, hi-imp. \$ 13.82
9D Dynamic, 50 ohms 14.70
9D 200, 500 or hi-imp. 15.88



TURNER LIGHTWEIGHT LOW COST HAND MIKE. For home recording, economical PA uses, paging, etc. Frequency response, 50-7000 CPS. Die-cast alloy case. Brown enamel finish. 7 ft. cable. No. Net
20X Crystal, hi-imp. \$7.56

ST. LOUIS MICROPHONE



A rugged dynamic hand mike for all applications including mobile, aircraft, police, amateur, etc. Frequency response, 50-8000 CPS. 7 ft. cable. Press to talk switch. Adjustable impedance: 30,200,500 or 30000 ohms. Grey finish, aluminum case. Fungus treated.

No. 1532 Net \$18.82

"SURPRISE" TRADE-IN ALLOWANCES

... Your Receiver may be worth far more than you think! Yes, the "Surprise" trade-in allowances offered by Walter Ashe on your used equipment are truly the Sensation of the industry. Act now. Get your trade-in deal working today. Simply write, wire or phone us what you have to trade. We'll take it from there.

NOISE CANCELLING hallicrafters



HALLICRAFTERS Model MI-1. Noise Cancelling Mike. Frequency response 200-4000 CPS. Temperature range -40 + 185° F. Designed for applications where noise level is high: Fire, Police, Ham. Single button carbon mike.

Net \$ 15.00

TURNER



15D-NC

Noise cancelling dynamic mike. For use in all installations where noise level is high. Will transmit only when spoken into at close range. Frequency response, 50-5000 CPS. Available in high impedance, 500,200 or 50 ohms. Specify impedance when ordering. All have 20 ft. cable.

No. 15D-NC 200,500 ohms. Net
or high impedance \$ 19.11
No. 15D-NC 50 ohms 17.64
For Push-to-Talk Switch add 1.47

LAPEL TURNER



TURNER MODEL L-40. High quality moisture sealed crystal. Clip on back. 20 ft. cable. Size: 2 11/16" high, 2" wide.

Net \$ 14.70

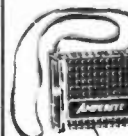
Brush



BRUSH MODEL "BL-1" SOUND-CELL Allows freedom of movement for public speakers. Small in size, 1 1/2" x 2 1/4". Rugged and dependable crystal unit. 25 ft. cable included. Net \$ 14.70

Amperite-7JH Velocity Mike

"Lapel"



Size of a match box. May be concealed under coat or in pocket.

Model 7JH High Imp. \$12.94
Model 7J 200 Ohms 12.94

ASTATIC



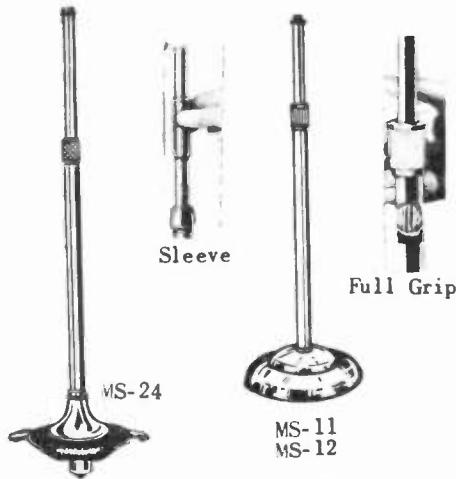
ASTATIC MODEL L-1. Small dual diaphragm crystal mike for speakers, demonstrators, etc. 25 ft. cable.

Net \$ 16.08

ATLAS

"MIKE" STANDS

All stands terminate in 5/8"-27 mike thread. Heavy brass tubing.



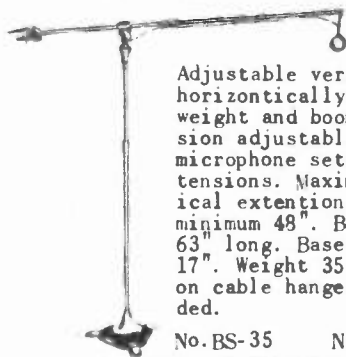
"Studio Deluxe". Weight 24 lbs. Base finish, chrome and grey wrinkle. Tube finish, full chrome. Height 42" to 72". Base diameter 17".

No. MS-24 Net \$ 11.47

Models MS-11 and MS-12 available in two types of grip. The "Full Grip" which requires a secure full hand grip to raise or lower stand or the "Sleeve Action" which requires only a slight downward pressure on the sleeve. Weight of these stands 12 lbs. Height 35" to 65". Base diameter 10". All tubes finished in full chrome.

Number	Net
MS-12C Grip, Grey wrinkle base	\$ 5.64
MS-12S Sleeve,	9.17
MS-11C Grip, Chrome base	6.70
MS-11S Sleeve	10.23

"BOOM" STAND



Adjustable vertically & horizontally. Counter weight and boom extension adjustable for all microphone sets and extensions. Maximum vertical extension 72", minimum 48". Boom arm 63" long. Base diameter 17". Weight 35 lbs. Snap on cable hangers included.

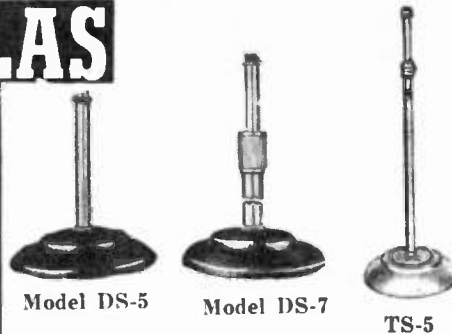
No. BS-35 Net \$32.34

"BABY BOOM" ARM



Simply attached, makes any floor stand a boom. Universal swivel counterweight.

No. BB1 Net \$ 4.12



Model DS-5

Model DS-7

TS-5

DESK STANDS

Same high quality as in larger stands. Model DS-7 is adjustable 8" to 13". Weight 3 lbs. Model DS-5 6" high fixed. Weight 2 lbs.

No. DS-5	Net \$ 1.62
No. DS-7	2.65

BANQUET STAND

Model TS Banquet Stands are adjustable from 18" to 32". Base diameter 8". Weight 5 lbs. Both have full chrome tube.

Number	Net
TS-5	Gray base \$ 4.18
TS-6	Chrome base 5.29

SHURE MODERN DESK STAND

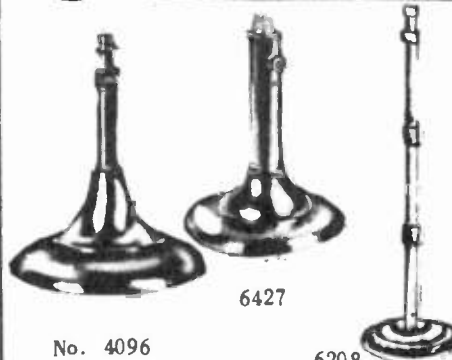


Beautiful modern design. Streamlined correct design for all mikes. Finish, Pearl Grey.

No. S-36-A Net \$ 2.65



MICROPHONE STANDS



No. 4096

6208

6427

MI-6208, 3 section stand. Adjustable from 4 ft. to 5 ft. 5/8"-27 thread. Weight 11 lbs.

Net \$ 8.53

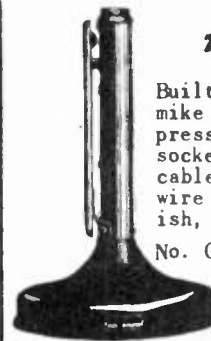
MI-4096 desk stand. Adjustable from 8" to 10 1/2". 5/8"-27 thread. Weight 4 lbs.

Net \$ 4.03

MI-6427 With built-in mike switch. Height 4 1/2". 5/8"-27 thread.

Net \$ 5.97

Astatic



Built-in switch turns mike "off-on" with slight pressure. Complete with socket connector, spring cable protector, 8 ft. 2 wire shielded cable. Finish, Chrome & Grey wrinkle.

No. GT Net \$ 6.44

MASCO WALNUT SPEAKER CABINETS



WALL SPEAKER CABINETS
Sturdy, non-resonant construction. Walnut finish.

Model 101, for 12" speaker	Net \$5.40
Model 102, for 10" speaker	4.50
Model 103, for 8" speaker	3.60
Model 104, for 5" or 6" speaker	2.88
Model 105, for 5" speaker	2.70

MASCO PORTABLE CARRYING CASES



Constructed of heavy plywood, finished in attractive blue fabrikoid, (less speakers and amplifier).

	Net
Model 303, for one 10" speaker & small amplifier.	\$ 10.50
Model 304, for two 10" speakers & medium amplifier.	20.10
Model 305-10, for two 10" spkrs & large amplifier	22.05
Model 305-12, for two 12" spkrs & large amplifier	22.05

SEE US FIRST FOR THAT NEW PIECE OF TEST EQUIPMENT, WE'VE GOT IT MANY BRANDS TO SELECT FROM.

PANEL METERS

3" DC MILLIAMMETERS

Range	Round Model 26	Square Model 27	Net
0-1	"	"	\$7.50
0-1.5	"	"	7.50
0-3	"	"	7.50
0-5	"	"	6.62
0-10	"	"	6.62
0-15	"	"	6.62
0-20	"	"	6.62
0-25	"	"	6.62
0-50	"	"	6.62
0-75	"	"	6.62
0-100	"	"	6.62
0-150	"	"	6.62
0-200	"	"	6.62
0-250	"	"	6.62
0-300	"	"	6.62
0-500	"	"	6.62
0-750	"	"	6.62
0-1000	"	"	6.62

3" DC VOLTMETERS

Range	Round Model 26	Square Model 27	Net
0-3	"	"	\$6.62
0-5	"	"	6.62
0-8	"	"	6.62
0-10	"	"	6.62
0-15	"	"	6.62
0-25	"	"	6.62
0-50	"	"	6.62
0-100	"	"	6.62
0-150	"	"	6.62
0-200	"	"	8.27
0-250	"	"	8.27
0-300	"	"	9.26
0-500	"	"	13.23

1000 ohms P.V.

3" DC AMMETERS

Range	Round Model 26	Square Model 27	Net
0-1	"	"	\$6.62
0-15	"	"	6.62
0-3	"	"	6.62
0-5	"	"	6.62
0-10	"	"	6.62
0-25	"	"	6.62
0-50	"	"	6.62
30-0-30	"	"	6.62

3" DC MICROAMMETERS

Range	Round Model 26	Square Model 27	Net
0-100	"	"	\$ 14.70
0-200	"	"	12.35
0-500	"	"	9.70

3" VOLUME LEVEL INDICATORS

DECIBELMETER

Copper oxide rectifier type for use on 500 ohm line. Power, 6MW. Zero DB-1.73 Volts.

General Purpose Type

Number	Net
47 3" Square, -10 to + 6DB, Res. 2500 ohms	\$ 11.76
47 3" Square, -10 to + 6DB, Res. 5000 ohms	\$ 14.70

High Speed Type

47 3" Square, -10 to + 6DB, Res. 5000 ohms	\$ 21.32
--	----------

Low Speed Type

47 3" Square, -10 to + 6DB, Res. 5000 ohms	\$ 21.32
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VU METER

Model 47 3" Square	Net \$ 20.58
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SIMPSON



3" AC VOLTMETERS

Range	Round Model 56	Square Model 57	Net
0-1.5	"	"	\$6.18
0-3	"	"	6.18
0-5	"	"	6.18
0-10	"	"	6.18
0-15	"	"	6.18
0-25	"	"	6.18
0-50	"	"	6.18
0-100	"	"	6.18
0-150	"	"	7.50
0-300	"	"	8.82
0-500	"	"	11.76
0-750	"	"	13.67
0-1000	"	"	17.35

3" AC AMMETERS

Range	Round Model 56	Square Model 57	Net
0-1	"	"	\$6.18
0-1.5	"	"	6.18
0-3	"	"	6.18
0-5	"	"	6.18
0-10	"	"	6.18
0-15	"	"	6.18
0-25	"	"	6.47
0-50	"	"	8.09

3" RF AMMETERS

(Internal Thermocouple Type)

Range	Square Model 37	Net
0-1	"	\$8.53
0-1.5	"	8.53
0-2	"	8.53
0-2.5	"	8.53
0-3	"	8.53
0-5	"	8.53
0-10	"	8.53

2" DC MILLIAMMETERS

Range	Round Model 126	Square Model 127	Net
0-1	"	"	\$6.32
0-5	"	"	5.73
0-10	"	"	5.73
0-15	"	"	5.73
0-25	"	"	5.73
0-50	"	"	5.73
0-75	"	"	5.73
0-100	"	"	5.73
0-150	"	"	5.73
0-200	"	"	5.73
0-250	"	"	5.73
0-300	"	"	5.73
0-500	"	"	5.73
0-1000	"	"	5.73

3" SIMPSON ILLUMINATED METERS

Here are truly illuminated meters. Their full scale can be seen clearly wherever they are used, in the dark, under low lights, in a glare that shows on the glass. The whole dial face is flooded with light, no shadow. Uses standard metal dial face. Cannot fade, discolor, warp or buck.

DC MILLIAMMETERS

Range	Type	Net
0-1	Model 27 Square	\$ 8.82
0-10	" " "	7.94
0-25	" " "	7.94
0-50	" " "	7.94
0-100	" " "	7.94
0-200	" " "	7.94
0-300	" " "	7.94
0-500	" " "	7.94

D.B. METERS

47 3" Square DB Meter, Res. 2500 ohms.	\$13.08
47 3" Square DB Meter, Res. 5000 ohms	\$16.02

DC VOLTMETERS

Range	Model 27 Square	Net
0-10	" " "	\$ 7.94
0-50	" " "	7.94
0-150	" " "	7.94
0-300	" " "	10.58
0-500	" " "	14.55
0-1000	" " "	16.02
0-2000	" " "	16.02
0-3000	" " "	16.02
0-4000	" " "	16.02
0-5000	" " "	20.92

AC VOLTMETERS

Range	Model 57 Square	Net
0-10	" " "	\$7.50
0-15	" " "	7.50
0-150	" " "	8.82
0-300	" " "	10.14

RF AMMETERS

Range	Model 37 Square	Net
0-1	" " "	\$9.85
0-2	" " "	9.85
0-3	" " "	9.85
0-5	" " "	9.85

VU METER

Two scales available, "A" scale stresses level in V.U. and is used in monitoring wire lines. "B" scale stresses % use of transmitter output for broadcast service. Meets Bell Labs standards. Same mounting as Weston 862. Specify scale.

Model 49 4 1/2" Square	Net \$ 27.93
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CONANT METER RECTIFIERS



TYPE B



TYPE H

For replacement and construction. Complete instructions included.

Type	Intermittent Volts	MA	Contin. Volts	MA	Net
"T"	20	60	10	30	\$1.59
"M"	20	60	10	30	2.06
"HS"	10	60	5	30	1.59
"H"	10	60	5	30	.88
"B"	20	10	10	5	2.06

HAMS "in the know" GO TO

WALTER ASHE
FOR THE "MOSTEST" OF
THE NEWEST and BEST



Models

327
227

3" TRIPLET PANEL METERS DC MILLIAMMETERS

Range	Model	Net
0-1	327 Square	\$7.35
0-1.5	" "	7.35
0-3	" "	7.35
0-5	" "	6.08
0-10	" "	6.08
0-15	" "	6.08
0-25	" "	6.08
0-50	" "	6.08
0-75	" "	6.08
0-100	" "	6.08
0-150	" "	6.08
0-200	" "	6.08
0-250	" "	6.08
0-300	" "	6.08
0-400	" "	6.08
0-500	" "	6.08
0-750	" "	6.08
0-1000	" "	6.08

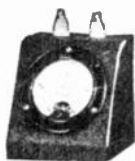
AC VOLTMETERS

Range	Model	Net
	337 Square	
0-10	" "	\$6.08
0-15	" "	6.08
0-150	" "	7.35

2" TRIPLET PANEL METERS DC MILLIAMMETERS

Range	Model	Net
	227 Square	
0-1	" "	\$6.08
0-1.5	" "	6.08
0-5	" "	5.10
0-10	" "	5.10
0-15	" "	5.10
0-25	" "	5.10
0-50	" "	5.10
0-75	" "	5.10
0-100	" "	5.10
0-150	" "	5.10
0-200	" "	5.10
0-250	" "	5.10
0-300	" "	5.10
0-500	" "	5.10
0-750	" "	5.10
0-1000	" "	5.10

BUD METER CASES



Modern styled meter cases. CM-1241 & 1242 have insulators on top for leads to meters.

Number	Hole Diam.	Meter Size	Net
CM-1241	2 3/16	2	\$1.09
CM-1242	2 13/16	3	1.09
CM-1965	2 3/16	2	.94
CM-1966	2 13/16	3	.94

WEBSTER NYLON PHONOGRAPH NEEDLE



A new & revolutionary idea in needle design, construction & performance. Knee-action, nylon cushioned jewel or osmium alloy tip. Aluminum shank.

	No. NE-33 Sapphire	No. NE-34. Osmium
Net Each	\$ 2.06	\$ 1.47
Lots of 10 to 70	1.75	1.25
Lots of 71 to 150	1.69	1.19

DUOTONE PLAY-BACK NEEDLES



"STAR" SAPPHIRE. Brilliant reproduction with low surface noise. Finest quality gem. Curved shank.

No. 19	Net ea.	\$ 2.94
No. 19B	Pkg. of 12	\$29.40



"RUBY" Second only to the STAR listed above. Fine Life-Like reproduction. Bent Shank.

No. 35	Net Each	\$ 2.06
No. 35B	Carton of 12	\$20.58



"REGENT" SAPPHIRE. Fine quality jewel. Will give 5-6000 plays. Recommended for lightweight pickup. Bent shank.

No. 13	Net	\$ 1.18
No. 13C	Display card of 12.	\$ 11.76



"DURPOINT" Metal point for home use. Over 4000 plays.

No. 15	Net	\$.59
No. 15C	Display card of 12	5.88



"MIRO-POINT" Economy permanent needle. Over 2000 plays.

No. 21	Net	\$.44
No. 21C	Display card of 12	4.41

DUOTONE TRANSCRIPTION NEEDLES



Individually shadowgraphed to insure perfection. Will reduce record wear on home recordings

Number	Net
710 Pkg. of 10 needles.	.06
710-C Display card of 50 pkgd. (10)	2.45
725 Pkg. of 25 needles.	.15
725-C Card of 50 pkgd. (25)	6.13



"DUOCHROME" Plated to insure long life and low record wear. Ideal for home recordings. Shadowgraphed. Each needle will play a minimum of 50 records.

No. 17	Pkg. of 5 needles	.15
No. 17-C	Display card, 25 pkgd.	3.06

M-N

NEEDLES audiopoints

... they speak for themselves



SAPPHIRE point with Dural shank for most exacting uses in broadcast & all professional recordings. Disc tested to rigid specifications. Individually packaged.

No.	Net
14L Long Shank	\$ 3.91
14S Short shank	3.91
Lots of 2 or more, each	3.56
Resharpener of No. 14	1.88

STELLITE with Dural shank. Excellent cutting qualities. With care will give several hours of fine recording.

No.	Net
34L Long Shank	\$.97
34S Short Shank	.97
Lots of 2 or more, each	.88
Resharpener of No. 34	.45



AUDIOPOINT PLAYBACK

A practical playback needle for general use. Matched to Audio Recording Stylus. 100% shadowgraphed.

No. 151	Box of 100	Net \$ 7.73
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DUOTONE CUTTING STYLII SAPPHIRE



A Professional cutting needle. Highly polished jewel with hand-lapped edge. 10-15 hours of cutting. Can be resharpened many times.

Number	Net
12-L Long Shank	3.23
12-S Short Shank	3.23
Resharpener	1.18

STELLITE



Hand-lapped edge assures good recording. Will cut approximately 500 6" records. Reasonable care will justify cost over steel needle.

No.	Net
9L Long Shank	\$ 1.18
9S Short Shank	1.18
9C Display card of 12	11.76



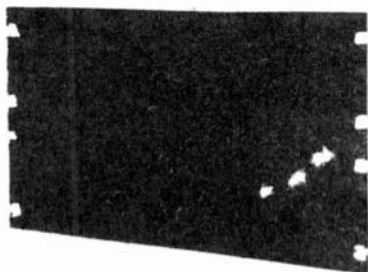
Good cutting edge for general home use. Five needles on a card.

No.	Net
10 Per card of 5	\$ 8.88
10C Display card of 10 pkgd.	7.35



Ideal for amateur record makers. Each needle makes approximately 15-25 10" records. Packed 4 to handy pkg.

No.	Net
8 Per pkg. of 4	\$.59
8C Display card 25 pkgd. (4)	12.25



STEEL RELAY RACK PANELS

Made of high grade steel, 1/8" thick, 19" wide. W.E. notching only. SPECIFY BLACK OR GREY.

Number	Height	Net
PS-1250	1 1/4	\$.68
PS-1251	3 1/4	.73
PS-1252	5 1/4	.88
PS-1253	7	.94
PS-1254	8 1/2	1.18
PS-1255	10 1/2	1.29
PS-1256	12 1/4	1.65
PS-1257	14	1.88
PS-1258	15 1/2	2.21
PS-1259	17 1/2	2.35
PS-1260	19 1/2	2.47
PS-1261	21	2.88

MASONITE RELAY RACK PANELS

Made of strong, light, Tempered Masonite. Easy to work. 3/16" thick, 19" wide. SPECIFY BLACK OR GREY.

Number	Height	Net
PM-1588	1 1/4	\$.50
PM-1589	3 1/4	.65
PM-1590	5 1/4	.85
PM-1591	7	.94
PM-1592	8 1/2	1.18
PM-1593	10 1/2	1.32
PM-1594	12 1/4	1.47
PM-1595	14	1.65
PM-1596	15 1/2	1.82
PM-1597	17 1/2	2.12
PM-1598	19 1/2	2.35
PM-1599	21	2.56

SMALL METAL PANELS

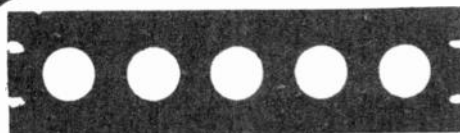
For general experimental and construction purposes. Black crackle only.

Number	Width	Length	Net
PS-1200	7	8	\$.41
PS-1201	7	10	.50
PS-1202	7	12	.56
PS-1203	7	14	.71
PS-238	7 1/2	15	.73
PS-239	8	10	.53
PS-240	8	12	.68
PS-1204	8	14	.76
PS-1205	8	16	.82
PS-1187	8	18	.91
PS-1188	8	19	1.06
PS-700	9	15	.88

SMALL MASONITE PANELS

Used in all applications where insulated panel is required. 3/16" thick Tempered Masonite. Black crackle only.

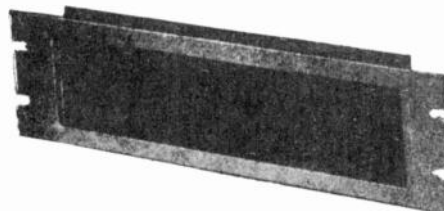
Number	Width	Length	Net
PM-607	7	10	.62
PM-608	7	12	.68
PM-609	7	14	.77
PM-606	8	10	.68
PM-610	8	12	.77
PM-611	8	14	.85
PM-612	8	16	.97
PM-613	9	15	1.03



Masonite and steel types. Each unit is 5 1/4" high, 19" wide. SPECIFY BLACK OR GREY.

Number	Holes	Dia.	Type	Net
		Holes	Material	
PM-509	3	2 3/16	Masonite	\$ 1.32
PM-510	4	2 3/16	Masonite	1.47
PM-511	3	2 13/16	"	1.32
PM-512	4	2 13/16	"	1.47
PS-440	3	2 3/16	Steel	1.56
PS-441	5	2 3/16	"	2.26
PS-442	3	2 13/16	"	1.56
PS-443	5	2 13/16	"	2.26

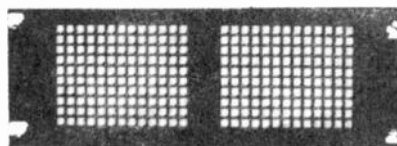
ENCLOSED METER PANELS



Maximum protection for meters. Steel panel has large cut-out, blank Masonite panel behind, spare for meters, 4 1/8" x 15 1/8". Fits 19" rack. Glass insert may be used, not supplied with panel. SPECIFY BLACK OR GREY.

Number	Net
PS-439	\$ 4.59

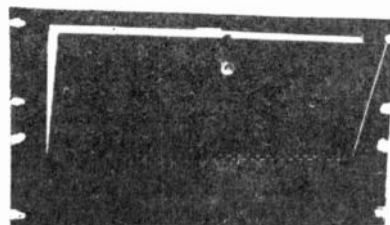
VENTILATING GRILLE PANELS



Made of 1/8" steel. 19" wide. W.E. notching only. SPECIFY BLACK OR GREY.

Number	Height	Net
PS-808	5 1/4	\$ 2.50
PS-809	7	2.68
PS-810	8 1/2	3.06
PS-811	10 1/2	3.44
PS-812	12 1/4	3.73

METAL DOOR RACK PANELS



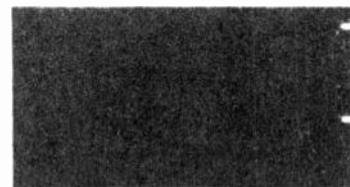
Tubes, coils, etc. accessible from front panel. Fits 19" rack. SPECIFY BLACK OR GREY.

Number	Overall Height	Door	Net
PS-615	10 1/2	15 3/8x6	\$ 3.35
PS-616	12 1/4	15 3/8x7 1/2	3.82

PAR-METAL

RACK AND SPEAKER PANELS

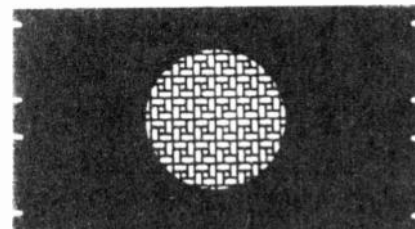
TYPE "A" STEEL RACK PANELS



These panels fit all Par-Metal cabinets and racks. Uniformly slotted 1/8" thick, 19" wide. Available in black or grey.

No. Blk.	No. Grey	Ht.	Net
3600	G-3600	1-3/4	\$.59
3601	G-3601	3-1/2	.68
3602	G-3602	5-1/4	.83
3603	G-3603	7	.91
3604	G-3604	8-3/4	1.06
3605	G-3605	10-1/2	1.29
3606	G-3606	12-1/4	1.56
3607	G-3607	14	1.76
3608	G-3608	15-3/4	2.06
3609	G-3609	17-1/2	2.24
3610	G-3610	19-1/4	2.41
3611	G-3611	21	2.71

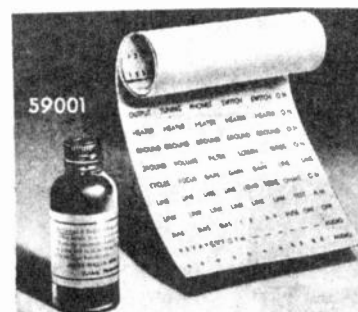
SPEAKER PANELS



These panels are available in four sizes, for 6", 8", 10", and 12" speakers. All are 19" wide. Steel grill. Specify Black or Grey.

No. Blk.	No. Grey	Spkr.	Ht.	Net
SP-875	SG-875	6"	8 1/2"	\$1.91
SP-1050	SG-1050	8"	10 1/2"	2.35
SP-1225	SG-1225	10"	12 1/2"	2.94
SP-1400	SG-1400	12"	14"	3.23

MILLEN PANEL DECALS



All words or markings used in ham or commercial equipment. 1/8" block letters. Furnished with special solution to apply.

No. 59001 Kit Net \$1.25

Portable Phonographs

Portelec



"PACIFIC SOUND" Portable AC operated 2 speed phono and PA system. Gives high fidelity reproduction of voice and music. May be used by broadcast station salesmen to sell a program. Will play regular commercial records and electrical transcriptions up to 17 1/2" in diameter at 78 or 33 1/3 rpm. Motor is professional rim drive type. Amplifier: 5 tube, 12 watt. Tone and volume control. Microphone input jack and control. 12" HD PM speaker. Built into removable top. 15 ft. cable. Extra speaker jack. High quality crystal pickup. Sturdy leatherette case.

Model 40-M Net \$ 105.60

MOTOR



Motor and 12" turntable only which is used in model 40-M listed above. Professional rim-drive type constant unvarying speed at either 33 1-3 or 78 RPM.

Model 100-X Net \$ 30.00



MASCO

DUAL SPEED 16" TRANSCRIPTION PLAYER. Plays records up to 16" at 78 or 33 1/3 RPM. Built-in wide range 5 watt amplifier. HI-FI crystal pickup, bass and treble controls. Mike & phono input. HD 10" speaker in lid, 12 ft. cable. Designed expressly for use by broadcast stations, advertising agencies and sales meetings. Complete with tubes.

Model TP-16A Net \$ 80.70



MASCO

PORTABLE ELECTRIC PHONOGRAPH Constant speed, 78 RPM, motor Alnico V 5" speaker, crystal pickup. Plays 10" or 12" records with cover open or closed. 3 tube amplifier. Two tone carrying case. 105-125 VAC. Complete with tubes.

Model MPT-4 Net \$ 29.22

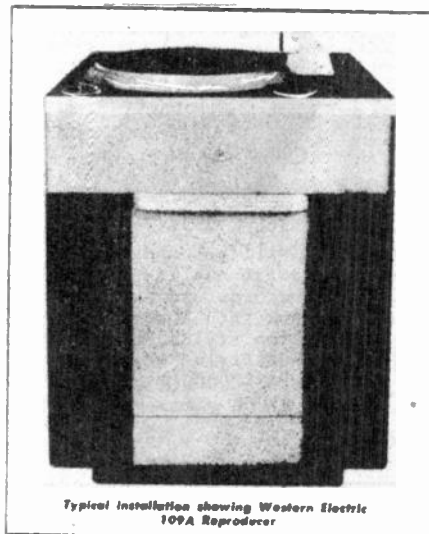


MASCO

PORTABLE RECORD CHANGER Same as above, with automatic record changer. Complete with tubes.

Model MRC-5 Net \$ 45.96

PRESTO 64-A TURNTABLE



Typical installation showing Western Electric 109A Reproducer

PRESTO 64-A TURNTABLE

Unusual mechanical simplicity. Turntable is directly gear driven, employing two motors - one for 33 1/3 rpm and the other for 78 rpm, with perfect regulation. No friction device of any kind in unit and requires no mechanical shift to change speeds. To change speeds merely throw three position switch to desired speed initiated on plate, fast change is possible with no damage as only one motor runs at a time. No pickup supplied with unit. 110 VAC operation standard, other voltages available. Mounted in beautiful heavy wood cabinet, inlaid linoleum top. Size: 24" x 24" x 33". Shipping weight: 266 lbs.

No. 64-A Net \$ 495.00

PRESTO 6-N

PRESTO 6-N RECORDER

New model professional broadcast quality recorder. Overhead mechanism redesigned so as to be removable from turntable and carried in compartment in case for safer handling. Heavier turntable base reduces mechanical vibration. Unit consists of turntable, motor drive system and overhead cutting mechanism, 1-C high fidelity cutting head, 15-B spiraling feed screw, 170a vertical damper, 20a time scale and playback pickup. Cutting head response: 50-8000 cps. Pickup, 70-7500 cps. Cutter impedance: 8 or 500 ohms, Specify. Standard feed screw 112 lines per inch inside out. Others available. Speed accuracy on 78 or 33 1/3 rpm, 1/2%. 110 VAC operation. Size, in case, 20 1/2" x 20" x 15". Weight, 82 lbs.

Number	Net
6-N Turntable chassis only	\$690.00
6-N In carrying case	735.00
6-N In 4-A Floor case	821.00



Pickups Cartridges

PICKERING

Cartridge Reproducer



The new Model 120-M will fit practically any arm which will accommodate a crystal cartridge. Highest quality reproduction from lateral records and transcriptions. Designed to work into a grid circuit. Built-in sapphire stylus, output voltage 70 MilliVolts at stylus velocity of 10 CMPS. Response 40-10000CPS. Weight 15 grams. Output 27000 ohms, (Hi-Imp)

No. 120-M Net \$ 15.00
EXCHANGE SERVICE Net 7.50



CLARKSTAN PROFESSIONAL PICKUP ARM is specifically designed for professional 16" and 17" turn-tables. Arm has two sets of ball-bearings in each of its two motions. Excellent balance. Designed to use CLARKSTAN "RV" pickup, GE Variable Reluctance pickup or any high grade cartridge. Complete with rubber topped arm rest template, and instructions. Finish, grey.

Model 210 Net \$ 19.50

CLARKSTAN "RV" PICKUP



An entirely new approach in Variable Reluctance pickups. New type magnetic high-fidelity distortionless unit. Featherweight needle force with easily removable stylus, no needle chuck. Not affected by temperature changes or humidity. 15-20 grams is sufficient to track all types of commercial records. High output, up to 125 MV at 1000 cps. Only one moving part. Minimum needle talk. High impedance is standard, 5, 250 and 500 ohms on order.

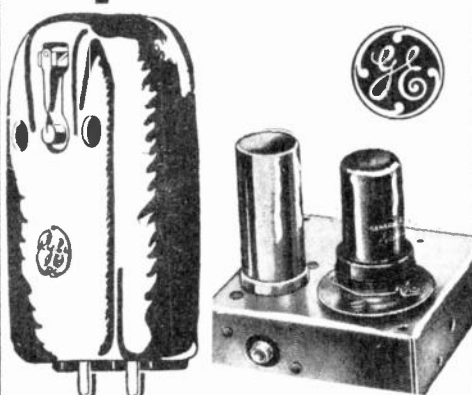
No. 201 RV Cartridge Net \$ 15.00

BRUSH CARTRIDGE



This cartridge used in Brush PL-20 pickup.

No. PL2Z Net \$ 9.82
Exchange Price, return old cartridge. 3.00



GE RELUCTANCE PICKUP. Designed for high-fidelity reproduction and fulfills latest requirements of reproduction of lateral records in commercial studios and home recordings. Reduced hum pickup. Low mechanical impedance, smooth high frequencies. Uses built-in permanent sapphire stylus. Low distortion, little record wear. Mounts in any standard conventional pickup dimensions. Since the output of this magnetic cartridge is extremely low a pre-amplifier, such as listed below, is necessary.

Number Net
DL1FM6C Cartridge, less amp. \$ 4.67
SPX001 Pre-amp. with tube 5.82



SHURE CARTRIDGES



Number	Needle Pressure	Output Voltage	Net
W-57A	3/4 oz.	1.6	\$ 3.26
W-58A	3/4	1.6	3.26
W-59A	1	2.5	3.26
W-56A	1 1/8	4.3	3.91

NEW MODEL "SIXTY"

Designed to overcome surface noise and distortion in high quality home phonographs, juke boxes, etc. Patented guard posts protect needle from excessive pressure.

Number	Output Voltage	Net
W60-A Sapphire Tip Ndl.	1.8	\$ 5.00
W60-B Osmium Tip Needle	1.8	4.41
A61-A Sapphire Tip Needle only		1.47
A62-A Osmium Tip Needle only		.88

G-C PHONOGRAPH NEEDLE AND STYLUS SET SCREWS

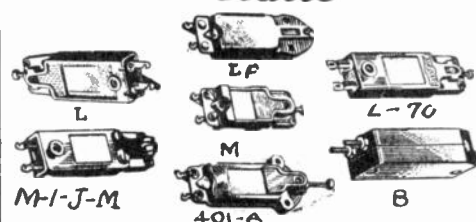
"THESE ARE ACCURATE MACHINED SCREWS, PRECISION MADE" (NOT ROLLED THREAD)



Here's the hard-to-get replacement set screws for pick-up arms and recording heads! Replacements for all popular types.

Pkg. of 10 Asst. No. 1052, Net \$.89

Astatic



REPLACEMENT CARTRIDGES

Type	Needle Pressure	Output Voltage	Cutoff Frequency	Net
Nylon 1-J*	1 1/4 oz.	1.0	8000	\$4.56
Nylon 1-M*	1 1/4	1.0	8000	4.26
QT3-J*1	1 1/4	.75	5000	5.23
QT3-M*1	1 1/4	.75	5000	4.94
L-24A	2 1/2	2.95	6500	3.26
L-26A	2 1/2	1.4	4500	2.62
L-40A	1 1/2	0.6	4500	2.62
L-46A	1 1/2	3.5	4000	3.91
LP-6P	1	0.85	4500	5.23
LP-21H	1	0.85	7000	5.23
M-22	2 1/2	2.9	6500	3.26
401A				
(For RCA 2 1/2)		1.4	4500	2.62
L70A	1 1/2	1.0	4000	3.26
L71A	1	1.0	8000	3.91
L72A	1 1/2	3.5	4000	3.91
L75A	1 1/2	0.75	6000	3.26
B-2	2 1/2	2.5	4000	3.26

J* Jewel Tip Needle

M* Permanent Metal Tip Needle

*1 This cartridge replaces old model. MPL1.

REPLACEMENT NEEDLES

Number		Net
1-J	Nylon Needle	\$ 1.76
1-M	Nylon Needle	1.47
QT-J	Replacement Needle	1.76
QT-M	Replacement Needle	1.47

RECORDING HEADS

ASTATIC



Number	Type	Driving Voltage	Upper Limit	Net
X-26	Cry.	75 V.	5000 cps	7.53
X-29A	"	120 V.	6500	7.53
C-42	"	75V.	5000	7.53
M-41-8 ohms	Mag.	3 V.	7000	7.53
M-41-500ohms		.22 V.	7000	7.53

UNIVERSAL



Magnetic head cartridge for home recording. Response range, 50-5000 CPS. Requires 1/2 watt to record. Unaffected by high temperature. 3.2 ohms impedance.

No. A132A Net \$ 6.76

BRUSH



Crystal cutter for high quality, low cost home recordings. Frequency response, 50-9000 CPS.

No. HC-20 Net \$ 14.70

ASTATIC

TRANSCRIPTION ARMS



"STUDIO MASTER 400" New modern streamlined transcription arm. Designed for broadcast and recording use. For use on lateral transcriptions. Low pressure operation. Employs NJ cartridge with replaceable needle. Frequency response, 50-8000 CPS. Needle pressure, 1/2 oz.

No. N-400 Net \$ 14.02



"PROFESSIONAL" plays 16" records. Frequency response, 50-4000 CPS. Needle pressure, 2 3/4 oz. Employs B-2 crystal cartridge.

No. B-16 Net \$ 14.70



"STANDARD" The least expensive Astatic pickup arm. For all lateral transcriptions. Uses B-2 crystal cartridge. Frequency response 50-4000 CPS. Needle pressure 2 1/2 oz.

No. S-12 Net \$ 8.17

PICKUP ARMS



"MODERN" Recommended for high quality reproduction of 10" & 12" records. Die-cast arm is gracefully curved providing excellent tracking. Counter-balanced. Available in 2 models - Nylon or Crystal cartridge. Needle pressure, 1 1/2 oz. Frequency response, 50-8000 CPS.

Number Net

N-508 Nylon cartridge \$ 10.11
508 Crystal cartridge 9.82



"LOW PRESSURE" Crystal pick-up with jewel tipped styli. 1 oz. needle pressure.

Number Net

FP-8 50-4500 CPS \$ 10.89
FP-18 50-7000 CPS 10.89



"GENERAL" For all around use. Frequency response, 50-4000 CPS. 2 3/4 oz. needle pressure. Brown enamel finish.

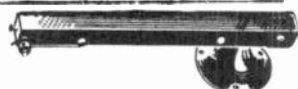
No. Net
AB-8 \$ 6.56

Pickups

ASTATIC

"TRUTAN" Deluxe model with offset rotating head for easy needle loading. Plays 10" & 12" records. Frequency response, 50-4000 CPS. Needle pressure 2 1/2 oz. Black & Chrome.

No. B-10 Net \$ 11.47



"ORIGINAL" Still a favorite after many years. Ball-bearing swivel base. Needle pressure, 2 1/2 oz. Frequency response, 50-4000 CPS.

No. S-8 Net \$ 6.56



"HIGH OUTPUT" for playing 10" & 12" records. Needle pressure, 1 1/2 oz. Frequency response, 50-4000 CPS. Brown enamel finish.

No. 510 Net \$ 4.41



"ECONOMY" Intended primarily for new applications and replacements for old pickups. Spring counter balanced arm. Frequency response 50-4500 CPS. Needle pressure 1 1/2 oz. Plays 10" & 12" records. Brown enamel finish.

No. 507 Net \$ 3.23

SHURE Glider



SHURE "GLIDER" Curved lightweight arm for 10" & 12" records. Crystal cartridge, 60-6000 CPS response. 1 1/8 oz. needle pressure.

No. 93A Net \$ 4.41

GRAY RESEARCH



"GRAY" RESEARCH PLAYBACK ARM Designed for cartridge such as the new GE Variable Reluctance or any high quality cartridge of your choice. Scientifically designed for perfect reproduction. Frictionless pivots and proper mass distribution. Guarantees smoothest possible frequency response. Adjustable scale for regulation of pickup weight. Magnesium construction. Self leveling feet, curved arm. For broadcast or any exacting purposes. Less cartridge.

No. 103-S Net \$35.00

Brush



BRUSH CRYSTAL PICKUP. High quality instrument for use with all lateral cut records including broadcast transcriptions. Low needle pressure, 30 grams, approximately 1 oz. Permanent sapphire stylus. Frequency response up to 10000 CPS. Plays records up to 7 1/2". Black and chrome finish. Complete with high impedance equalizer and arm rest.

No. PL-20 Net \$ 29.40

EXCHANGE SERVICE on cartridge used in PL-20 Brush pickup. Return old cartridge.

Exchange Net \$ 3.00

Audax
TIVED-RIBBON

Output high enough for most amplifier (about -20 DB) response. FLAT within about 2 1/2 DB from 50-8000 CPS. Replaceable sapphire stylus. Specify impedance.

Number Net

R-55 For recording up to 12" \$ 19.80
R-56 For recording up to 18" 28.80

Linear response 50-8000 CPS. Point pressure about 28 grams. Replaceable sapphire stylus. -25 DB output, standard impedance 200 ohms. May be made any impedance including high. Tangent tracking arm. Bronze finish.

Number Net

R-61 For recording up to 12" \$29.85
R-62 For recording up to 18" 38.85

Linear response 50-10000 CPS. Point pressure about 25 grams. Replaceable sapphire stylus. Output approximately 30 DB. Impedance, 200 or 500 ohms. Tangent tracking arm.

Number Net

No. 73A For recording up to 12" \$39.90
74A For recording up to 18" 49.80

"STUDIO 81" For lateral recordings up to 18". Used in radio stations, studios and wherever superb quality & performance is paramount. Linear response, 20-15000 CPS. 200 ohm impedance. Moving mass near zero. Special studio design, aluminum tangent tracking arm.

No. 81 less equalizer Net \$ 99.00

"STUDIO 99" For vertical recording up to 18". Linear response, 20-15000 CPS. Diamond stylus. Point pressure about 28 grams. Output about -40 DB. 200 ohm input. Special studio design arm.

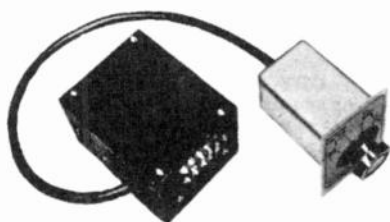
No. 99 Less equalizer Net \$117.00

PH-PL

PICKUP ACCESSORIES

EQUALIZERS

GRAY RESEARCH EQUALIZER



A 4 position equalizer for use with the new GE Variable Reluctance cartridge. Mounted in Gray Transcription arm. Low hum sensitivity. Balanced or unbalanced line of any reasonable length may be run between the output of the equalizer and a standard 250 ohm microphone channel or to the 250 ohm un-terminated input of a pre-amplifier unit. Used as standard equipment by two of the major networks. Complete descriptive folder on request.

No. 601 Equalizer Net \$ 42.50

ASTATIC



Adjustable tone compensation network for use between crystal pickup and amplifier. Single hole mounting. Dimensions, 2 x 3/4. May be used with all crystal pickups.

No. E4P Net \$ 1.94

"AUDAK EQUALIZER FILTER"

200 ohm input, 5 positions. Covers NAB and Orthocoustic, vertical, 78 rpm and filter position.

Net \$ 49.80

We can supply any Audak Magnetic High Fidelity Cutter. Write for descriptive sheets which give full information.

CLARKSTAN GAUGE



For measuring needle pressure of pickups. Two scales, in grams to 1 oz. Other scale in ounces reads to 4 ozs. One moving part.

Net \$ 1.80

UNIVERSAL WEIGHT SCALE

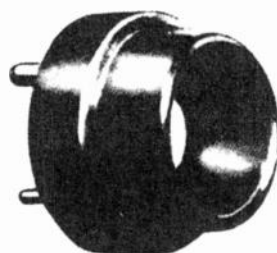


Indicates exact needle pressure applied to record groove for recording or pickup. Reads in 1/2 ozs. up to 8 oz. Fountain pen appearance.

No. A178 Net \$ 2.50

E B Y

PHOTO-ELECTRIC CELL



E-12

The Eby Electric Eye is of the photo-conductive type. Sensitive to both visible and invisible light. Will react to both intensity and frequency of incident light rays. Sturdy design and construction. Entirely self contained, in one piece bakelite casting. Shock-proof and moisture-proof. Can be used as a component part in suitable circuits to operate relays, deflect sensitive meters, operate sound reproducing equipment and perform other operations. Maximum supply voltage 250. Recommended supply voltage 125. Maximum current 200 microamperes.

No. E-12 Net \$ 3.00

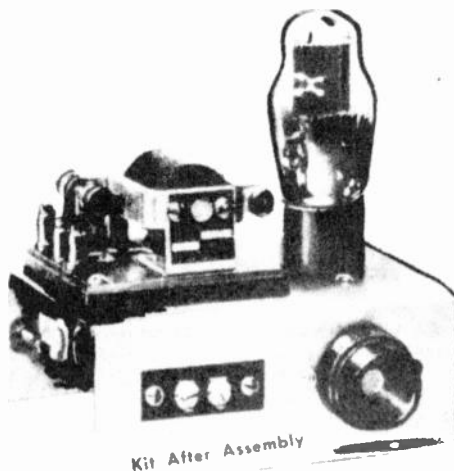


ELECTRIC EYE BOOKLET

Booklet entitled "The Electric Eye in Theory and Practice".

Net \$.45

ELECTRIC EYE EXPERIMENTAL KIT



Kit After Assembly

This popular kit supplied unassembled, contains all parts and accessories for eight complete control circuits.

No. EK-12A Net \$ 11.50

PLUGS

MALLORY PHONE PLUGS



75-76



75-N



75A-76A

Number	Net
75 2 contact bakelite shell	\$.39
75-N 2 " shielded	.59
75-A 2 " with cable clamp	.99
76 3 contact bakelite shell	.59
76-A 3 " shielded with cable clamp	1.16

SOLDERLESS PIN PLUGS



202



205



220

Number	Net
202 Overall 2 3/16 Red, Blk, Grn, Yellow	\$.13
205 Non insulated phone tip	.09
220 Standard phone tip	.02

BANANA PLUGS



210



206



392



398

Number	Type	Net
210 Insulated handle (4 colors)		.15
206 Non Insulated		.05
392 Giant Ins. (Red or Black)		.30
398 Giant Non Insulated		.18

AMPHENOL SINGLE PLUGS & JACKS



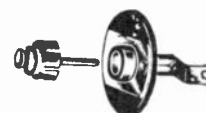
Of molded bakelite, mounts in 3/8" hole. May also be used as feed-through. Colors: Black, Red, Green, Blue. Specify.

Number	Size	Net
71-1S	3/32"	\$.04
71-1M	1/8"	.04
71-1L	5/32"	.04

JACKS FOR ABOVE

Number	Use	Net
78-1P	For .080" phone tip	\$.05
78-1S	For 3/32" plug	.05
78-1M	For 1/8" plug	.05
78-1L	For 5/32" plug	.05

RCA TYPE PHONO PLUG & JACK



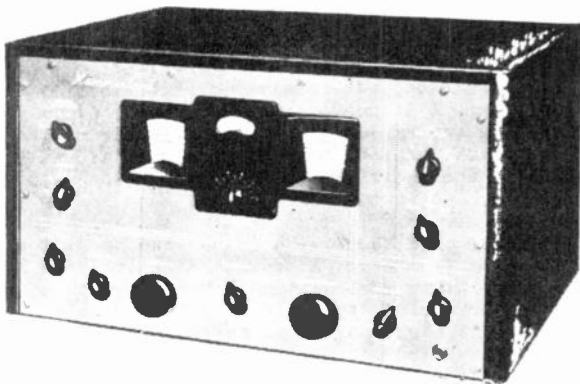
Number	Net
2383 Plug	\$.09
2385 Jack	.15

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

HAMMARLUND

HQ-129-X



One of the most popular amateur communication receivers available. Built with thorough Hammarlund precision. An 11 tube Superhet covering 540 KC to 31 MC in 6 bands. Calibrated band spread for the 3.3, 7, 14 & 28 MC amateur bands. 1 stage of tuned RF. Voltage regulator tube incorporated. Patented Hammarlund crystal filter. Superb noise limiter. Calibrated "S" meter. 3 watts undistorted output. For use on 115 Volt, 60 cycle. Complete with tubes, less speaker.

Model HQ-129X
PM Speaker & cabinet for above. .

Net \$ 177.30
11.85



SUPER-PRO

One of the top instruments in the communication receiver field. Used by discriminating amateurs throughout the world. An advanced Superhet circuit utilizing 18 tubes makes this receiver outstanding in its class. Frequency range 540 KC to 30 MC in 5 bands. Electrical band spread. 2 stages of RF amplification. 3 stages IF. Utilizes patented Hammarlund crystal filter. Calibrated "S" meter. Superior noise limiter. Push-Pull output. Standard model for use on 115 Volts 50/60 cycles. Complete with tubes & power supply, less speaker.

Model SPC-400-X
Speaker for above and matching cabinet.

Net \$ 385.05
13.20



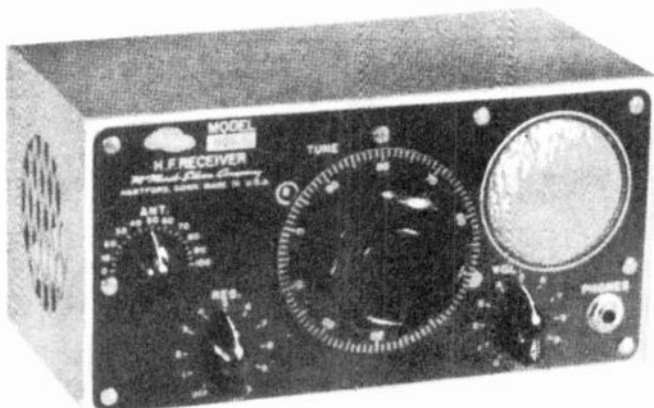
SILVER

Model 802. A high frequency single signal Superhetrodyne covering the 3.5, 7, 14, 21, 30 & 50 MC amateur bands. Built-in PM loud speaker, series noise limiter, antenna tuning, BFO, RF & IF gain controls. Power requirements, 6.3 volts at 1.65 amps & 135-255 volts at 60 MA. Less power supply, tubes & coils.

Model 802
Plug-in coils, any frequency range. Per pair

Net \$ 38.95

1.00



Model 801 "Atom-X". A 4 tube regenerative receiver, modernized & streamlined. Frequency range, 450 KC to 60 MC. Utilizes tuned stage of RF. Plug-in coils. Built-in PM speaker. 16:1 ratio dial. Smooth regeneration audio volume control. Power requirements 6.3 volts at .75 amps & 135-180 volts at 50 MA. Less tubes, coils & power supply.

Model 801
Plug-in coils, any frequency range. Per pair

Net \$ 29.95

1.00

Model 800 "Atom-X". A T.R.F. Super-regenerative receiver for the amateur 144/148 & 235/240 MC bands. Non-radiating. Built-in PM loud speaker. Sufficient band spread for reception of stable signals. Power supply requirements 6.3 volts at 1.05 amps & 135-180 volts at 40 MA. 5 tube circuit. Complete with coils, less power supply & tubes.

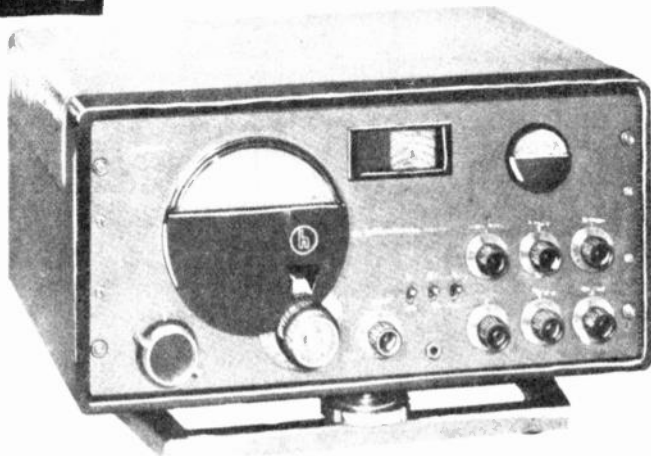
Model 800

Net \$ 39.75

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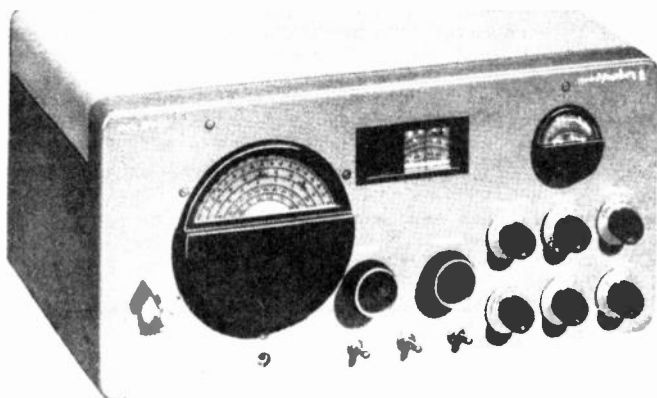
REC**SX-42**

"hallicrafters"



Covers all frequencies from 540 KC to 110 MC. A top flight standard & VHF communication receiver: Standard, short wave & FM broadcast receiver & high fidelity phono amplifier. 2 stages of tuned RF. New "Split-Stator" tuning system & dual IF system is one of the features. Musical reproduction of true high fidelity is assured by the audio system which has response of 60 to 15000 cycles, output of 8 watts. Band spread dial is calibrated 3.5, 7, 14, 28 & 50 MC amateur bands. Locking feature permits using only one tuning dial at a time. Freedom from drift & maximum stability are provided by temperature compensation & use of voltage regulator tube. Crystal filter circuit with variable IF channel width. Tuning ranges are covered in 6 bands with adequate overlap on ends of all bands. Complete with tubes, less speaker & tilt angle stand. Standard model for use on 105-125 VAC, 50/60 cycle.

Model SX-42	Net \$ 275.00
Model B-42 Elevating base shown above	7.50
Model R-42 Speaker	29.50
Model H-44 Speaker	17.50

SX-43

A new 11 tube Superhet covering 540 KC to 55 MC & 88-108 MC. AM reception on all bands. CW on the 4 lower bands & FM above 44 MC. Phono input jack on rear of chassis. 1 stage of high gain tuned RF. Dual IF system. Separate electrical band spread dial calibrated for the amateur 3.5, 7, 14, & 28 MC bands. Series type noise limiter. Separate RF & AF gain controls. Crystal filter circuit. Output terminals of 500 or 5000 ohms. Illuminated "S" meter. Standard model for use on 105-125 VAC, 50/60 cycle. Complete with tubes, less speaker.

Model SX-43	Net \$ 169.50
Model R-42 Speaker	29.50
Model R-44 Speaker	17.50

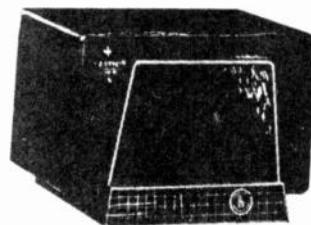
S-47

A superb 15 tube AM, FM receiver for specialized installation. This is a high precision instrument with numerous applications in homes, schools or public institutions. Modern styling lends itself perfectly to custom installation of your choosing. Frequency range 535 KC to 18 MC & 88 to 108 MC. Separate AM & FM tuning controls. 5 push buttons for AM tuning & 5 push buttons for FM tuning. AFC on FM band. Full tone compensation circuits. PP 6V6GT tubes provide 12 watts audio output with AM response 30-7500 cps; FM from 30 to 15000 cps. Phono connection on rear panel. Dual IF system. Complete with tubes, less speaker. For use on 105-125 VAC 50/60cy.

Model S-47	Net \$ 200.00
Model R-42 Speaker, for use with above	29.50
Model R-44	17.50

Pride of ownership of a fine receiver is emphasized when you consider low cost over a period of years usage. Remember our high trade in value of your old receiver when getting read to trade.

R-42 SPEAKER



SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

"hallicrafters"



S-38

The lowest priced communication receiver on the market. Especially designed for the beginner in addition to being a fine standby receiver for the amateur. Covers 540 KC to 32 MC in 4 bands. Separate electrical band spread, BFO, Standby-Receive Switch, automatic noise limiter, internal speaker. Uses 6 tubes. Maximum audio output 1.6 watts. For use on 105-125 VAC/DC. Complete with tubes.

Model S-38

Net \$ 47.50

S-40A



One of the greatest receiver values available in its price class. An ideal communication receiver for the amateur new-comer, the discriminating old-timer or short wave listener. Utilizes 1 stage of tuned RF. Automatic noise limiter, temperature compensating oscillator, BFO, separate RF & AF gain controls, tone control, electrical band spread & inertia fly-wheel tuning, covers 540 KC to 43 MC. Provision for "S" meter connection on back panel. 9 tubes using 6F6G audio output with maximum of 2.5 watts. Standard model for use on 105-125 VAC, 50/60 cycle.

Model S-40A

Net \$ 89.50

Model SM-40

"S" Meter for use with above. 16.00



Model SM-40
"S" Meter

S-36A

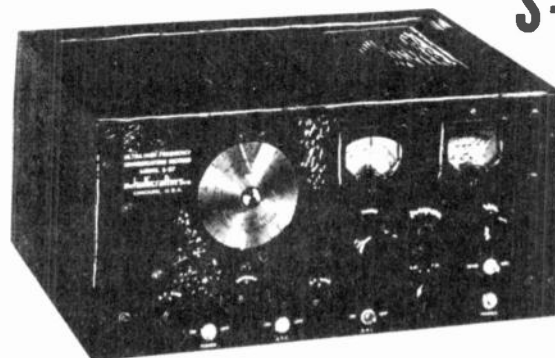


S-36A. For maximum AM/FM/CW performance on the VHF. Covers 27.8 to 143 MC. Audio resp. 40-15000 cycles. Complete with tubes, less speaker.

Model S-36A

Net \$ 307.50

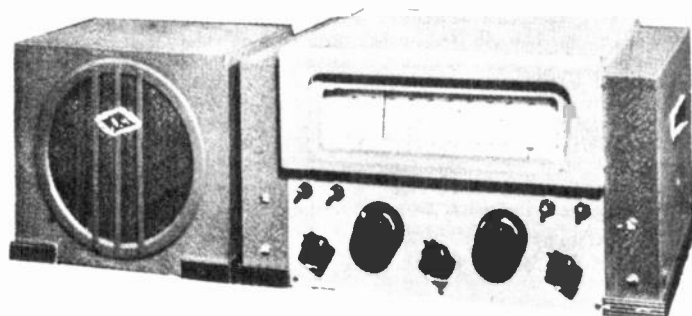
S-37



S-37. An advanced VHF receiver covering 130 to 210 MC. Two stages of RF. 16 MC IF system. Complete with tubes, less speaker.

Model S-37

Net \$ 591.75



NATIONAL NC-46

A 10 tube all band receiver for the amateur or advanced short wave listener. Employs all features necessary for efficient short wave & amateur operation. Electrical band spread. Frequency range, 540-30000 KC in 4 bands. Separate RF & AF volume controls. Noise limiter. Send-Receive switch & volume control. 4 watt audio output. Complete with tubes, less speaker.

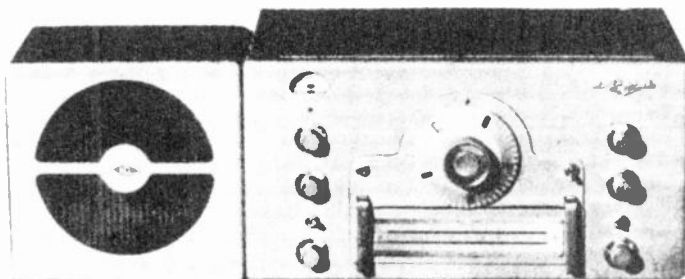
Model NC-46

Net \$ 97.50

Model NC-46TS Speaker & matching cabinet

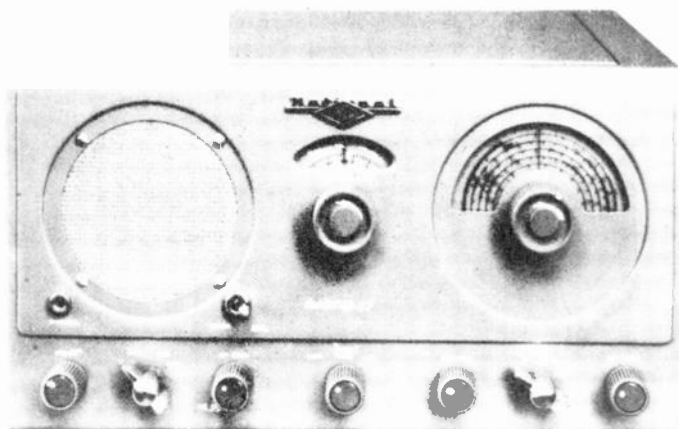
9.90

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REC**NATIONAL****HRO-7**

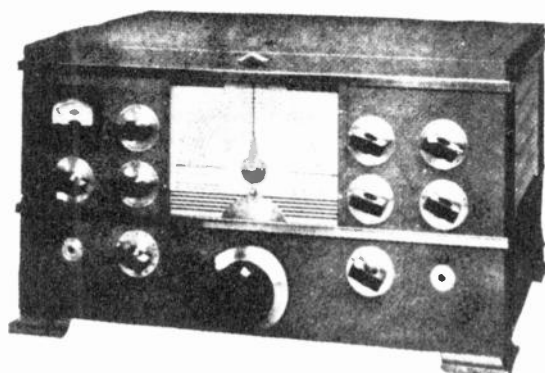
A new improved model of the old HRO incorporating all of the strong points & adding a number of modern refinements. Housed in streamlined grey cabinet. Utilizes 11 tubes plus voltage regulator incorporated in a Superhet circuit. 2 new miniature tubes have been added for further stabilization. Frequency range: 50-430 & 480-30000 KC. AM phone & CW reception. Accessory connector socket for auxiliary equipment. New improved double action noise limiter. 6 position crystal filter switch. Maximum band spread on all amateur bands. New easy method of changing coils. 2 stages of tuned RF. Maximum output 3 watts. For use on 115/230 VAC 60 cycle. Complete with tubes & coils to cover 1.7 to 30 MC, less speaker and power supply.

Model HRO-7	Net \$ 279.00
Model HRO-7R	Same as above but for rack mtg. 279.00
Model MCR	Speaker & matching cabinet for above 12.00
Model 697	Power supply for above 20.36

**NC-57**

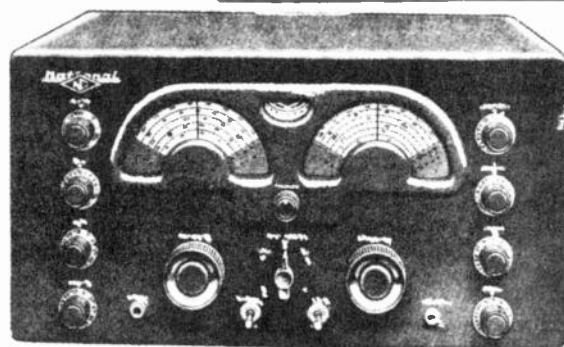
A brand new receiver in the National line which makes available to the amateur & short wave listener many features heretofore unobtainable in receivers of this price class. 8 tubes plus voltage regulator incorporated in a Superhet circuit. Frequency coverage from 540 KC to 55 MC. AM, CW or MCW reception throughout its entire frequency range. 1 stage of tuned RF. Separate electrical band spread. Accessory connector socket on rear panel. Provision for plugging in calibrated "S" meter. Internal 5" PM loud speaker. Separate RF & AF gain controls. Tone control. For operation on 115 VAC, 50/60 cycle. Complete with tubes.

Model NC-57	Net \$ 89.50
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**2-40**

Especially designed for the radio amateur, the NC2-40D receiver is also suitable for general communication service in the 490 to 30000 KC range. 12 tube highly efficient Superhet circuit. Calibrated electrical band spread for the 80, 40, 20, & 10 meter bands. Full vision calibrated dial with 6 general coverage & 4 band spread scales. Calibrated "S" meter. Phono input jack, tone control & crystal filter. Output, 8 watts with 50 to 10000 cy. frequency response. For operation on 115/230 VAC, 50/60 cycle. Complete with tubes, less speaker.

Model NC2-40D	Net \$ 225.00
Model NC2-40DR	Same as above for rack mtg. 225.00
Model NC-2TS	Speaker & matching cabinet 16.44

**NC-173**

A new 13 tube Superhet receiver with many features of interest for the amateur. Frequency coverage 540 KC to 31 MC plus the 48 to 56 MC portion of the spectrum which covers the amateur 6 meter band. Separately calibrated electrical band spread for the 6, 10-11, 20, 40 & 80 meter amateur bands. 1 stage of tuned RF. Double diode noise limiter. New improved crystal filter circuit. Voltage regulation in calibrated "S" meter. Tone control. Maximum power output 3.5 watts. Phono pickup jack on front panel. Standard model for use on 115/230 VAC 60 cycle. Complete with tubes, less speaker.

Model NC-173	Net \$ 179.50
Speaker for above & matching cabinet	10.00

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MicroMatch

Model MM1

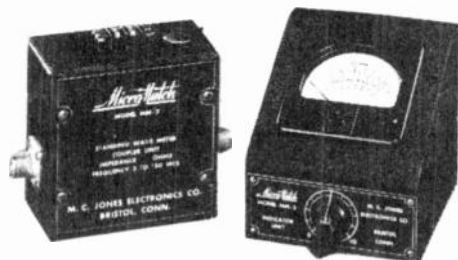


MM-1 MicroMatch. The amazing instrument which when connected in a transmission line of any impedance from 70 to 300 ohms at any point will read the standing wave ratio & with its terminals reversed will read the RF power being fed to the line. Range, any frequency from 3 to 30 MC & with any power from 10 to 1000 watts.

Model MM-1

Net \$ 29.50

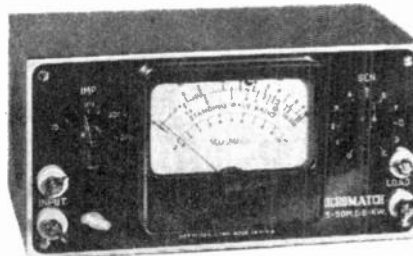
MODEL MM2



MM-2 MicroMatch. An instrument for measuring standing wave ratio & RF power on coaxial transmission lines. Frequency range, 3-162 MC. Transmission line impedance, 52 or 72 ohms. Power range, 10-500 watts.

Model MM-2 Coupler for 52 or 72 ohms Net \$ 19.95
Model MM-2 Indicator 17.50

Silver MICROMATCH



No. 908 MicroMatch. The McMurdo Silver version of the original Jones MicroMatch. Same electrical specifications & features large $\frac{4}{4}$ " "Vomax" type meter.

Model 908

Net \$ 29.90

GIFT CERTIFICATE



We have a year round Gift Certificate service which will answer the question many, many times, "What to give the Ham or Radio Serviceman for a present". No time limit or expiration date on certificates - May be bought in any amount you wish from \$1.00 to \$1,000.00 No Charge, of course, for the service.

SYLVANIA MODMETER

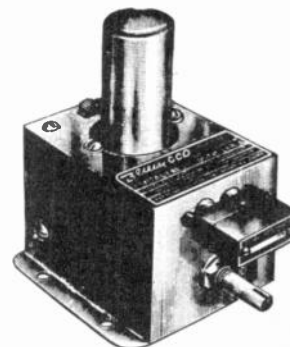


A convenient method of monitoring the % modulation of an AM transmitter. Frequency range, through 54 MC. Earphone jack for monitoring. Simple to install & operate.

Model X-7018

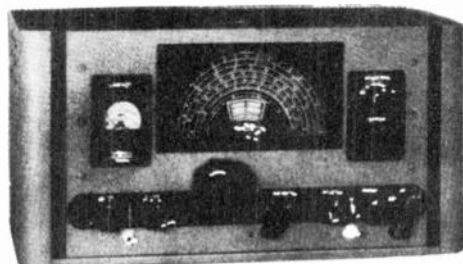
Net \$ 34.75

B L I L E Y



Model CCO-2A. Completely packaged oscillator unit to utilize direct crystal control output on the 6 & 10-11 meter bands. Single dial tuning. Adequate output to drive VHF medium power tubes, no self oscillation. Uses one 6AG7 tube. Complete, less crystal & tube.

Model CCO-2A Net \$ 9.95
AX-2 & AX-3, 13580 KC to 2433 for use with above 3.95

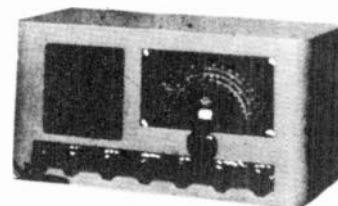


"CAL-O-MATIC" 2 speed tuning, 1 stage tuned RF. Mechanical band spread on ham bands. 5 position xtal filter, illuminated calibrated "S" meter. Range, 550 KC-33000 KC. Automatic noise limiter, AM, phone and CW reception. 110 ACV operation. Complete with tubes, less speaker.

Model RME-45
Speaker & matching cabinet

Net \$ 185.20
13.50

RME 84



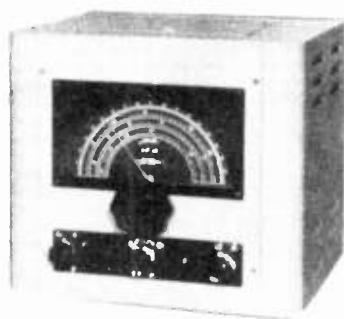
A receiver for the amateur or short wave listener who desires maximum operating efficiency in one compact unit. An ideal receiver for portable operation. Frequency range, 540 KC to 44 MC. Utilizes 8 tubes in a Superhet circuit. Covers the 80, 40, 20, 15 & 10 meter amateur bands. 1 stage of tuned RF. Automatic noise limiter. Socket on rear chassis for battery operation. New series type noise limiter. Separate RF & AF gain controls. Internal speaker incorporated. For operation on 115 volt, 50/60 cycle. Complete with tubes.

Model RME-84

Net \$ 98.70

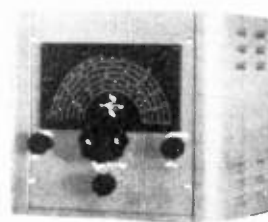
ALWAYS A LARGE STOCK OF USED RECEIVERS TO SELECT FROM
VISIT OUR SECOND FLOOR DISPLAY ROOM AND FIND THE RECEIVER
OF YOUR CHOICE.

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE



RME 10-20. A companion unit to the VHF-152A to cover the 20, 15 & 10-11 meter amateur bands. Output frequency 7 MC. Miniature tubes plus voltage regulator. Sturdily constructed. Antenna switching incorporated. For use on 115 volt, 50/60 cy. Complete with tubes.

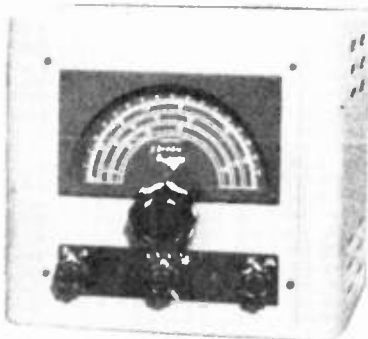
Model HF-10-20 Net \$ 77.00



RME DB-22A

A Pre-Selector for use with a communication receiver when added sensitivity and gain is desired. Frequency range, 550 KC to 33 MC. Utilizes 3 tuned stages of RF amplification. Individual power supply. Minimizes image response. Provides overall gain of from 20 to 25 db uniform throughout its range. Large easily read dial, best possible signal to noise ratio obtainable. For operation on 115 VAC. Complete with tubes and operating manual.

Model DB-22A Net \$ 66.00

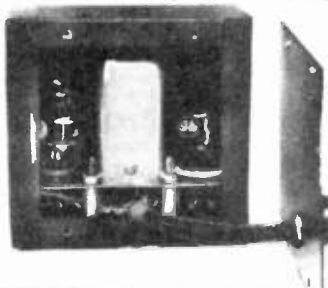


RME VHF-152A

With the VHF-152A the owner of a ham receiver may extend the range to encompass the VHF ranges. Frequency range covers 2, 6 & 10-11 meter amateur bands. Employs miniature tubes & voltage regulator. Output frequency, 7 MC. Antenna switching. For operation on 115 volts, 50/60 cy. Complete with tubes.

Model VHF-152A Net \$ 86.60

D & L NARROW BAND F. M. ADAPTER

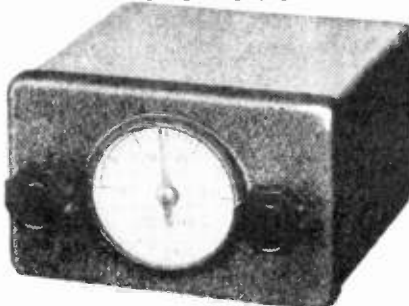


Will convert any communication receiver with an IF frequency between 425 & 475 KC for the reception of narrow band FM signals. Minimizes man-made noise. Easily attached to your present receiver giving you AM or NBFM reception by position of SPDT switch. Uses 6AG5 and 6H6 tubes. Complete with tubes & all necessary instructions.

Net \$ 15.45

GON-SET CONVERTERS

Now available for 20, 10-11, or 6 Meters

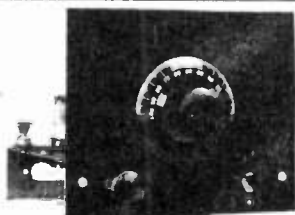


A compact & efficient converter for mobile or fixed station use. Available for the 6, 10-11, or 20 meter amateur bands. Output frequency, 1500 to 2000 KC. On-Off & antenna changeover switch incorporated. May be powered from car radio, very low battery drain. Complete installation & operating instructions included. Complete with tubes, wired & tested. Specify band when ordering.

Net \$ 39.95

Gon-Set Clipper, noise clipper for use with above for limiting noise peaks.

8.25



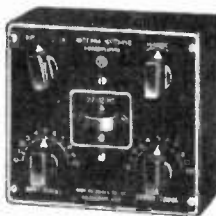
A 3 tube AC-DC regenerative receiver kit for beginners. Operates on 110 VAC or DC using 3 type 76 tubes, plug in coils for broadcast band included with kit. Complete with all parts & instructions, less tubes & headphones.

No. 10-1193

Net \$ 6.03

MILLEN

MILLEN R-9'er



An electronic impedance matching device & broad band pre-amplifier combined in a single unit. Specifically for the 6 & 10 meter ham bands. Average gain of 30 db with most receivers. Extremely compact. Utilizes plug-in coils. Power obtained from receiver. Uses one 6AK5 tube. Complete with coils for 10-11 meter, power cable, input & output connectors but less tubes.

The "R 9'er"

No. 92101

Net \$ 24.75

No. 46906 Coil for 6 meters.

3.15

No. 46920 Coil for 20 meters.

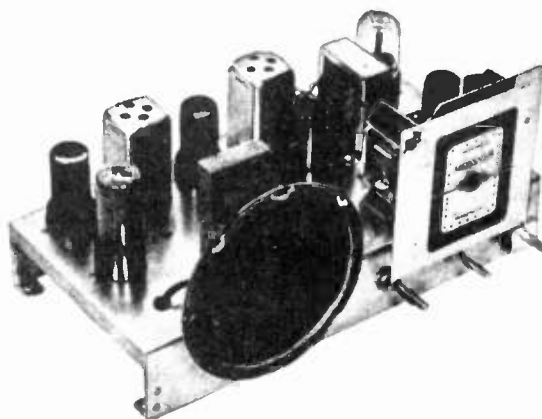
3.15

JAN Surplus 6AK5 tube for above

.90



6-TUBE 2-BAND SUPERHET KIT



A 6 tube, 2 band Superhet receiver kit covering 550 to 1600 KC & 6 to 18 MC. High quality components, careful circuit design, 1 stage RF amplification. Illuminated dial. Fully illustrated instructions for easy assembly, with pliers, screw driver & soldering iron. For operation on 110 VAC or DC. Complete with all parts, speaker & tubes..

Number 11-1199

Net \$ 24.70

MEISSNER

3-TUBE AC-DC KIT

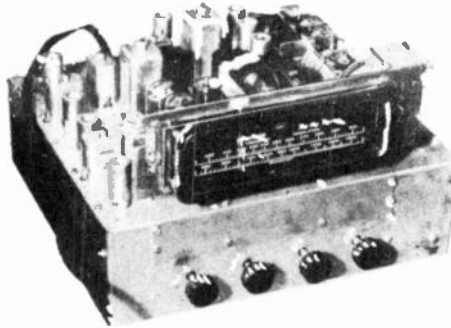
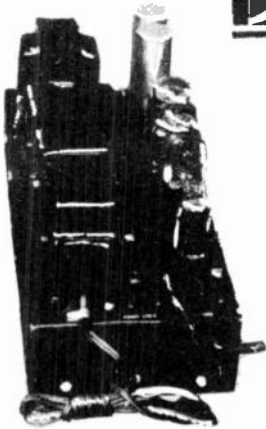
Plug-In Coils

Number	Frequency	Net
18-2940	70-200 meters	\$.50
18-2941	35-70 meters	.50
18-2942	17-35 meters	.50
18-2944	545-1500 meters	1.23

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

Meissner

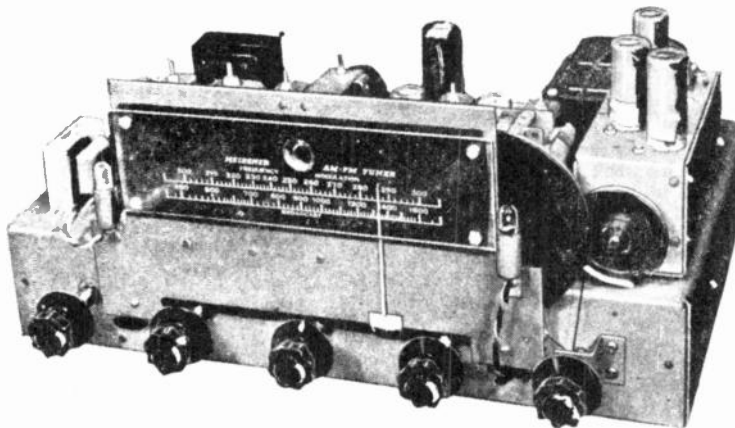
AM and AM-FM Tuners



A deluxe tuner complete with high fidelity amplifier rated 18 watts output with less than 2% harmonic distortion. Frequency response, plus or minus 2 db from 50 - 15000 cps. Frequency range, 535-1620 KC & 88-108 MC. Hum level, 65 db below full output. Sensitivity less than 20 microvolts. 2 position selectivity control on AM. Slide rule dial. Phonograph input, tone control, provision for either AM or FM antenna. Utilizes 22 tubes. For use on 105-125 volt, 50/60 cy. Complete with tubes, 2 antennas & hardware but less cabinet & speaker.

Model 9-1093

Net \$ 186.00



An AM-FM tuner for use wherever exceptionally high fidelity reception is desired. Frequency range from 527 - 1620 KC & 88-108 MC. Frequency response, Flat plus or minus 2 db from 30 to 15000 cycles. Automatic base compensation circuit. Sensitivity less than 10 microvolts. High impedance or 500 ohm output. Provision for AM antenna & FM antenna. Phonograph input terminals. 18 tubes. Slide rule type dial. Calibrated in KC for AM & channel numbers for FM. For operation on 105-125 volt, 50/60 cy. Complete with tubes, dial & escutcheon plate.

Model 9-1091

Net \$ 147.00

Essentially the same tuner as above except covers only the AM band 527 - 1620 KC. Complete with tubes, dial and escutcheon plate.

Model 9-1092

Net \$ 93.00

AM TUNER KIT

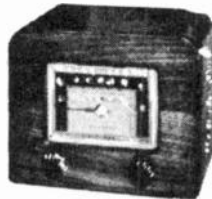
Same as AM tuner described above except in kit form.

Net \$ 64.20

11-8265 Cabinet, Black Wrinkle for any above 9.00
11-8266 Panel, Black Wrinkle for any above 2.40

SOLD ON TIME PAYMENTS

Pilotuner



The new PILOTUNER will adapt any standard receiver for high quality noise free FM reception. Easy to connect and operate, just plug into phono jack or input of amplifier. Frequency range 88-108 MC. Use with internal or external dipole antenna. 110 VAC operation. Complete with all tubes and installation instructions.

PILOTUNER

NET \$ 29.95

Miller High Fidelity Tuner Kit



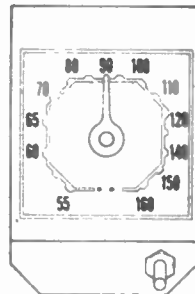
All necessary components for building a truly high fidelity tuner, 550-1500 KC. Kit includes all necessary coils 4 gang tuning condenser, tuner chassis, bottom, slide rule dial, relay rack panel, terminal plate, knob, control plates, circuit diagram and data.

No. EL-575
No. EL-570

Foundation kit
Coil kit only

Net \$ 38.95
20.00

AERMOTIVE



PERMEABILITY SUPER-HET TUNER.

Includes complete broadcast band tuning assembly, 540-1600 KC, with dial & drive. Matched oscillator coil included. May be used in place of variable condenser in Superhet circuit. Pre-tracked at factory. Complete with diagram and instructions.

No. A-230

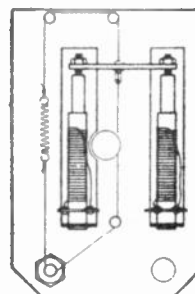
Net \$ 2.79

DELUXE TUNER

Complete tuner, can be used in place of variable condenser in super-het circuit. Includes 5" slide rule dial and hook-up diagram.

No. A-210

Net \$ 3.97



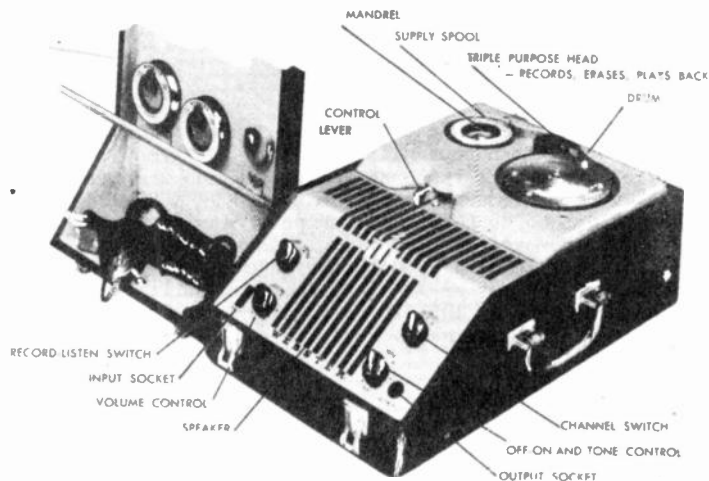
REGENERATIVE TUNER

Tunes from 540-1600 KC. Replaces single gang condenser. Complete with coil. Pre-tracked at factory.

No. A-260

Net \$ 1.41

WALTER ASHE RADIO CO. 1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

REC**WEBSTER "80"****RECORDERS**

MODEL 80 WIRE RECORDER. A complete self contained portable magnetic wire recorder and player. All controls on front panel for easy operation. Use this recorder in homes, meetings, schools, industrial plants, etc. Up to one hour recording on spool of wire. Complete with mike, two 15 minute & one 30 minute spools of wire.

Model 80 Wire Recorder. Net \$ 149.50

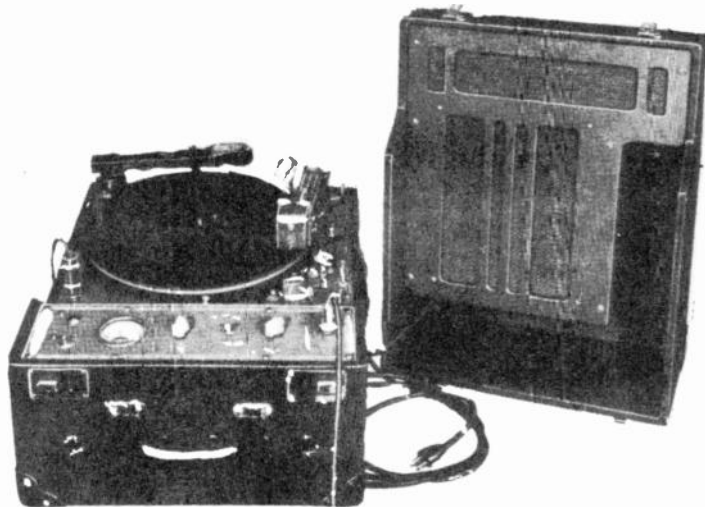
RECORDING WIRE ON SPOOLS

Number		Net
11X173	15 minutes.	\$ 1.96
11X174	30 minutes.	2.94
11X175	60 minutes	4.90

**WEBSTER "79"**

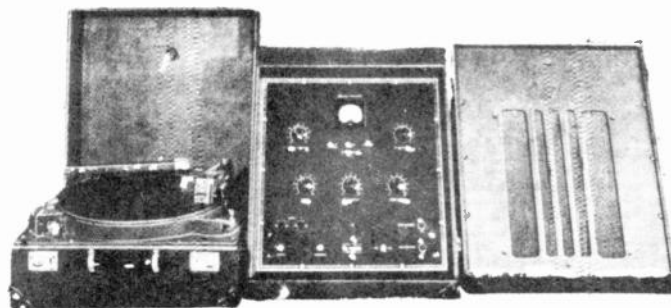
MODEL 79 WIRE RECORDER FOUNDATION UNIT Consists of complete wire transporting mechanism, triple purpose recording head, (cuts, erases & plays back), oscillator coil, 15 minute spool of wire and instruction sheet with suggested circuit diagram. Will make continuous recordings up to one hour. Recordings may be played thousands of times without appreciable loss of volume or tone quality. Programs may be erased at will and new recording on same wire. The experimenter, amateur or engineer need only build amplifier and follow instructions.

Model 79 Foundation Unit Net \$ 52.92

PRESTO MODEL "K" RECORDER

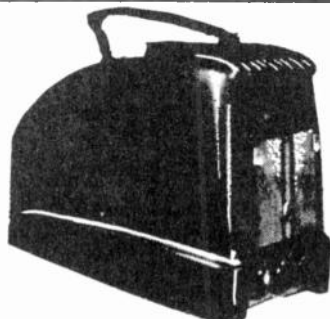
PRESTO MODEL "K" is a portable sound recorder, record player, PA system, complete in single carrying case. Ideally suited for sales training, industrials, schools, etc. Will record 15 minutes at 33 1/3 rpm on 13 1/4" disc. Also records at 78 rpm. Cuts outside-in or inside-out at 112 lines per inch. Plays back all type of records, 33 1/3-78 rpm. Uniform wide range amplifier response flat within 2 DB 50-8000 cps. Cutting head and pickup response, 80-5000 cps. Dynamic speaker in cover may be located at a distance from recorder for excellent PA system.

Type "K-8" Recorder, Complete less mike. Net \$ 348.00

PRESTO MODEL "Y" RECORDER

MODEL "Y" RECORDER Will record 15 minute program at 33 1/3 rpm on 16" disc, broadcast quality. Also cuts 78 rpm on 6, 8, 10, 12" discs. Will cut 11 1/2, 13 1/2, and 17 1/2 Masters. Use as play back unit for records and transcriptions. Amplifier response, 30-10000 cps. Cutter response, 50-8000. Pickup response, 70-7500. Power output 10 Watts.

Type "Y-2" high impedance, less mike Net \$ 741.00
Type "Y-4" 500-200-50 ohm input, less mike 771.00

WIRE RECORDER

1/2 hr. wire cartridge complete with timing dial, calibrated in running time.

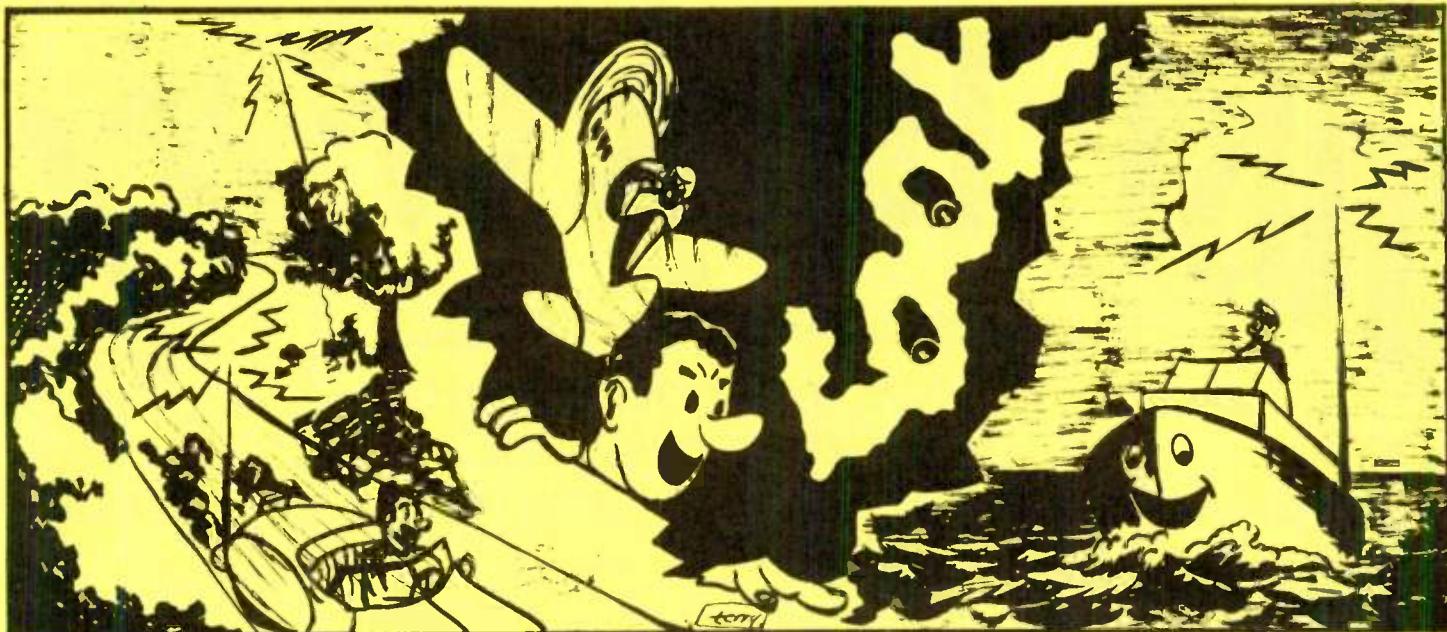
Number 12877 Net \$11.12

A simple yet highly efficient magnetic wire recorder which will make a perfect record of a radio program, conference, speech, etc. Two size cartridges available, 15 and 30 minutes. Recording can be permanent or temporary. Simple erasure process incorporated which permits wire to be used over and over. All controls on front panel. External speaker may be used. Frequency response, 50-5000 C.P.S., amplifier has 3 watt output. Price includes microphone and 30 minute cartridge. 117 VAC, 60 cycle operation.

Model MI-12775

Net \$ 127.40

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

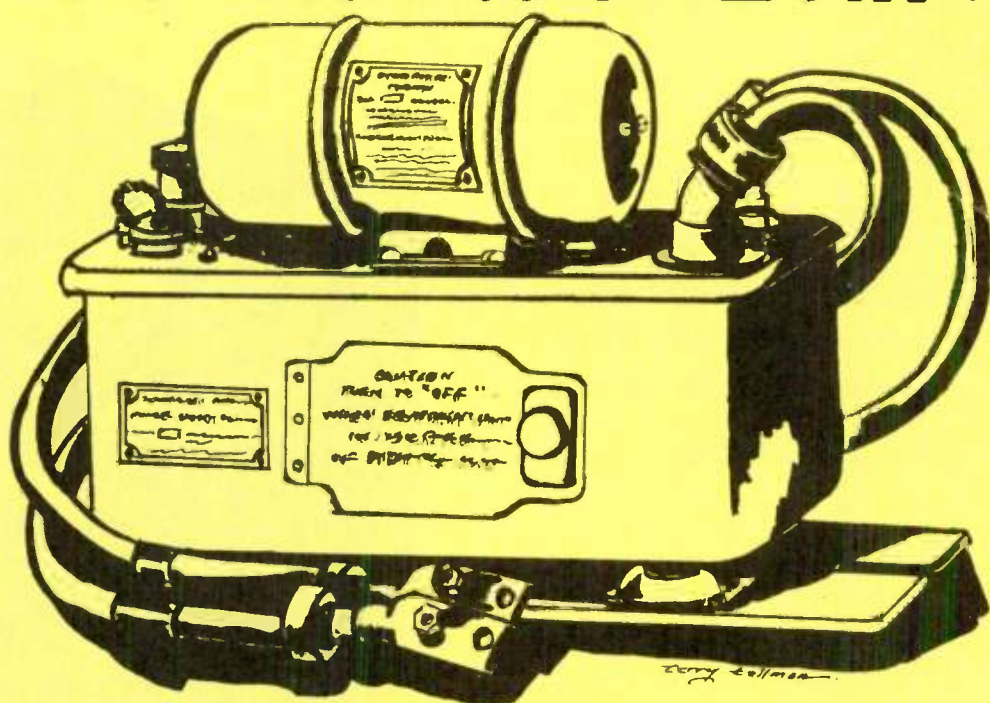


ON-LAND ON-SEA IN-THE-AIR

**ONLY
995**

F.O.B.
1125 Pine St.,
St. Louis, Mo.

An ideal power unit for any type of mobile or portable work. Brand new, in original overseas shipping crates. Complete with rubber covered battery cables, overload circuits & filtering system. Shpg. Wt. 81 lbs.



INPUT: 6 or 12 Volts DC.

OUTPUT: 500 VDC @ 160 MA

Cannon P8-CG-12S, Power plug for above. Regular \$ 1.80

Shpg. Wt. 1/2 lb.

Net
only \$.95

**SURPLUS
PE 103A DYNAMOTOR**

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

JUST THINK OF IT!

A COMPLETE VFO-40 METER TRANSMITTER.

POWER INPUT UP TO 100 WATTS.

FREQUENCY RANGE; 7 to 9.1 MC. FUNDAMENTAL, AND FOR USEFUL HARMONIC COVERAGE OF 10-11 AND 20 METERS.

MAY BE USED AS IS, OR CONVERTED FOR VFO-FM EXCITER APPLICATIONS. COMPLETE INSTRUCTIONS FURNISHED.

GANG TUNING OF OSCILLATOR AND AMP.

PARALLEL 1625's R.F. AMPLIFIER.
(12 volt 807's)

DIRECTLY CALIBRATED DIAL.

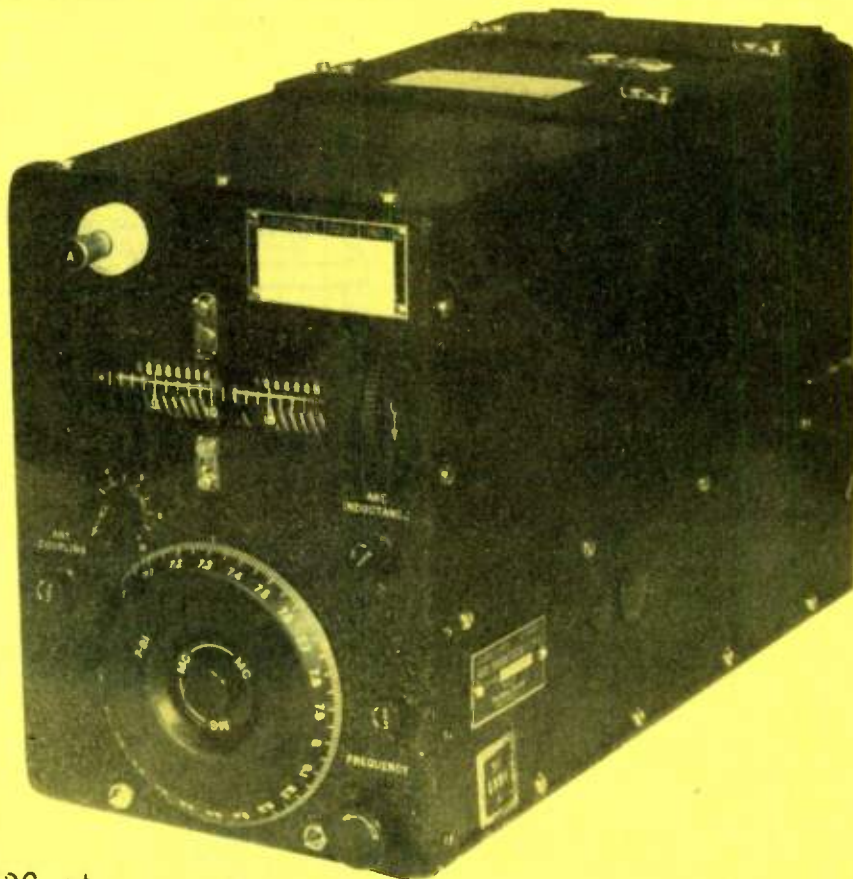
BUILT-IN CRYSTAL CALIBRATOR.

DIAL LOCKS ON ALL CONTROLS.

BUILT-IN ANTENNA COUPLER.

FILAMENT TRANSFORMER FOR BC-459A,
Primary 115 VAC, 60 Cy.,
Secondary 12 Or 24 Volts,

'Special Net Price, **\$ 1.47**



POWER REQUIREMENTS; 400-600 VDC at 150-200 MA, AND *12 V at 2amps or 24 V at 1amp AC or DC.

*(NOTE; 6.3 v tubes may be substituted if desired)

SUPPLIED AS DESCRIBED ABOVE, COMPLETE WITH TUBES AND CRYSTAL. BRAND NEW IN ORIGINAL CARTONS. COMPLETE WITH CONVERSION INSTRUCTIONS AND SCHEMATIC DIAGRAM. LESS POWER SUPPLY

MODEL BC-459A

SHPG.WT. 11 lbs.

FOB ST. LOUIS, MO

ONLY
5⁹⁵

All discounts have been deducted, including 2% discounts for cash. Prices are subject to change without notice; we give customers the benefit of all reductions taking place after the catalog is published.

1125 Pine Street

St. Louis 1, Mo.

MERCHANDISE ORDERED FROM	CATALOG.....Year	Shall we make partial ship- ment if we are temporarily short of any items.	☐ YES ☐ NO	DATE	MON. DAY YEAR	HAVE YOU BOUGHT FROM US BEFORE?	YES ☐ NO ☐
	FLYER.....Month						

Telephone Chestnut 1125

ORDERED BY			PRINT CLEARLY IN INK — TO AVOID ERROR		
STREET ADDRESS			RFD	P. O. BOX	
TOWN OR CITY			STATE		

INCLUDE SUFFICIENT
MONEY FOR POSTAGE.
WE REFUND UNUSED
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PLEASE SEND CASH BY
REGISTERED MAIL ONLY.
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ENCLOSED

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☐ FREIGHT
☐ AIR EX.
☐ BEST WAY
☐ TRUCK

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[illegible]

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Transportation charges on C.O.D. parcels are higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs are as follows (including insurance): When value of parcel is up to \$2.50 the extra charge is 15c; \$2.51 to \$5.00 the extra charge is 20c; \$5.01 to \$25.00 the extra charge is 30c; \$25.01 to \$50.00 the extra charge is 40c; \$50.01 to \$100.00 the extra charge is 50c; \$100.01 to \$150.00 the extra charge is 55c; \$150.01 to \$200.00 the extra charge is 60c. The Post Office also charges a money order fee on each C.O.D. parcel.

Save these fees by remitting in full.

DO NOT USE THIS SPACE

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C.O.D.

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REFUND

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TOTAL OF ITEMS

**MISSOURI SALES
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MISSOURI
CUSTOMERS ONLY**

POSTAGE
—See back side

INSURANCE
—See back side

GRAND TOTAL

SHIPPED

VIA

CLERK

How To Figure Transportation Charges

ST. LOUIS CUSTOMERS

Our centrally located City Sales Room is handy for quick counter service, or you may phone your requirements to our City Order Department for prompt delivery. Phone Chestnut 1125.

Delivery Charges

Under \$1.00	Charge 20c
From \$1.01 to \$2.00	" 15c
From \$2.01 to \$3.00	" 10c
From \$3.01 to \$4.00	" 5c
Over \$4.00	No Charge

PARCEL POST INSURANCE

For your protection all our parcel post shipments are insured. Allow for insurance at the following rates:

Up to \$5.00	3c
\$5.01 to \$25.00	10c
\$25.01 to \$50.00	15c
\$50.01 to \$100.00	25c
For each additional \$50.00	add 10c

EXPRESS RATES

We recommend that all radios, transmitting tubes, transmitters and generators be shipped by express.

Listed here is an express rate table, enabling easy calculation of express charges.

IF SHIPPED BY EXPRESS, FREIGHT OR TRUCK

You need not remit for the transportation charges, if there is an agent at your town. We prefer that you do not remit for the freight or express charges and the amount will be the same whether prepaid or collect.

PARCEL POST RATES FOR ALL ZONES

Parcels up to 8 ounces may be shipped anywhere in the United States for 6c. Parcel post shipments to any zone must not exceed 70 pounds. The limit of size on all parcel post packages is 100 inches in length and girth combined, at widest point. Example: a package 35 in. long, 10 in. wide and 5 in. high measures 65 in. in length and girth combined (length 35 in. plus twice 10 in. width, plus twice 5 in. height, equals 65 in.).

Weight In Pounds	ZONES							
	Local	First & Second to 150 Mi.	Third 150 to 300 Mi.	Fourth 300 to 600 Mi.	Fifth 600 to 1000 Mi.	Sixth 1000 to 1400 Mi.	Seventh 1400 to 1800 Mi.	Eighth Over 1800 Mi.
1	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.13	\$0.15	\$0.16
2	.09	.11	.12	.15	.18	.20	.24	.27
3	.09	.12	.14	.18	.23	.27	.33	.38
4	.10	.13	.16	.22	.28	.34	.42	.49
5	.10	.14	.18	.25	.34	.41	.52	.61
6	.11	.15	.20	.29	.39	.48	.61	.72
7	.11	.16	.22	.32	.44	.56	.70	.83
8	.12	.17	.24	.36	.50	.63	.79	.95
9	.12	.18	.26	.39	.56	.70	.89	1.06
10	.13	.19	.28	.43	.61	.77	.98	1.17
11	.13	.20	.30	.46	.66	.84	1.07	1.29
12	.14	.22	.32	.50	.72	.92	1.16	1.40
13	.14	.23	.34	.54	.77	.99	1.26	1.51
14	.15	.24	.36	.58	.82	1.06	1.35	1.63
15	.15	.25	.38	.61	.89	1.13	1.44	1.74
16	.16	.26	.40	.65	.94	1.21	1.53	1.85
17	.16	.27	.42	.68	.99	1.28	1.63	1.97
18	.17	.28	.44	.72	1.05	1.35	1.72	2.08
19	.17	.29	.46	.75	1.10	1.42	1.81	2.19
20	.18	.30	.48	.79	1.15	1.49	1.91	2.31
For Each Added lb. Add	1c	1c	2c	3½c	5½c	7c	9½c	11c

EXPRESS CHARGES

Express Charges are determined by the weight of the shipment and distance of Destination Office from Originating Office. The following chart will enable you to estimate charges. NOTE: Add 10c Emergency Charge to rates shown below for each shipment. Also subject to 3% Federal Tax on Total Charges. These two additional charges are applicable for the duration.

Maximum Distance in Miles	50 Mi.	150 Mi.	300 Mi.	500 Mi.	750 Mi.	1000 Mi.	1500 Mi.	2000 Mi.
Cost up to 5 Lbs.	\$0.25	\$0.25	\$0.30	\$0.35	\$0.45	\$0.45	\$0.60	\$0.65
" " 10 "	.30	.30	.40	.50	.65	.65	.92	1.15
" " 15 "	.30	.34	.47	.59	.76	.88	1.33	1.67
" " 20 "	.36	.42	.59	.75	.97	1.14	1.74	2.19
" " 25 "	.42	.50	.71	.92	1.19	1.40	2.15	2.72
" " 35 "	.55	.66	.95	1.24	1.63	1.91	2.97	3.76
" " 45 "	.68	.82	1.19	1.57	2.06	2.43	3.79	4.81
" " 55 "	.80	.98	1.44	1.89	2.50	2.95	4.61	5.85
" " 70 "	.99	1.22	1.80	2.38	3.15	3.72	5.84	7.42
" " 85 "	1.18	1.46	2.16	2.87	3.80	4.50	7.07	8.99
" " 100 "	1.27	1.60	2.42	3.25	4.35	5.17	8.20	10.45

TRUCK RATES

These are only approximate, as rates and classifications differ widely in various territories. Consult your local agent for exact rate.

Weight in Pounds	Up to 100 Mi.	120 Mi.	140 Mi.	160 Mi.	180 Mi.	200 Mi.	220 Mi.	240 Mi.	260 Mi.	280 Mi.
Up to 100 lbs.	\$0.70	\$0.74	\$0.78	\$0.84	\$0.90	\$0.95	\$0.98	\$1.01	\$1.05	\$1.08
Up to 125 lbs.	\$0.88	\$0.93	\$0.98	\$1.05	\$1.13	\$1.19	\$1.23	\$1.26	\$1.31	\$1.35
Up to 150 lbs.	\$1.05	\$1.11	\$1.17	\$1.26	\$1.35	\$1.42	\$1.47	\$1.51	\$1.58	\$1.62
Up to 175 lbs.	\$1.23	\$1.30	\$1.37	\$1.47	\$1.58	\$1.66	\$1.72	\$1.78	\$1.84	\$1.89
Up to 200 lbs.	\$1.40	\$1.48	\$1.56	\$1.68	\$1.80	\$1.90	\$1.96	\$2.02	\$2.10	\$2.16

RETURNING MERCHANDISE

If you find it necessary to return any merchandise for adjustments, please write in advance stating the following: reason for return—when and where purchased—number of sales slip (if purchased over the counter.) If your shipment is received damaged, obtain a report from the postmaster or express agent and mail it to us. Use a separate sheet of paper for all adjustment matter; do not add remarks to a new order for parts. Do not include money in the package you return. When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters before returning to us.

ARE NET.
All discounts have been deducted, including 2% discounts for cash. Prices are subject to change without notice; we give customers the benefit of all reductions taking place after the catalog is published.

1125 Pine Street

St. Louis 1, Mo.

MERCHANDISE ORDERED FROM	CATALOG.....	Year.....	Shall we make partial shipment if we are temporarily short of any items.	☐ YES ☐ NO	DATE	MON. DAY YEAR	HAVE YOU BOUGHT FROM US BEFORE? YES ☐ NO ☐
	FLYER.....	Month.....					

MAY WE SUBSTITUTE, YES NO

Telephone Chestnut 1125

ORDERED BY		PRINT CLEARLY IN INK — TO AVOID ERROR	
STREET ADDRESS		RFD	P. O. BOX
TOWN OR CITY		STATE	

INCLUDE SUFFICIENT
MONEY FOR POSTAGE.
WE REFUND UNUSED
AMOUNTS.
PLEASE SEND CASH BY
REGISTERED MAIL ONLY.
FILL IN AMOUNT
ENCLOSED

SHIP VIA
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CASH		
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CREDIT MEMO.		

Shipped		Quantity Wanted	Page No.	Our Stock Number	DESCRIPTION	PRICE Each	TOTAL EACH ITEM	DO NOT USE
Use Separate Letter for Correspondence								

Use Separate Letter for Correspondence

20% Deposit Required on C.O.D. Orders

C.O.D. SHIPMENTS

Transportation charges on C.O.D. parcels are higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs are as follows (including insurance): When value of parcel is up to \$2.50 the extra charge is 15c; \$2.51 to \$5.00 the extra charge is 20c; \$5.01 to \$25.00 the extra charge is 30c; \$25.01 to \$50.00 the extra charge is 40c; \$50.01 to \$100.00 the extra charge is 50c; \$100.01 to \$150.00 the extra charge is 55c; \$150.01 to \$200.00 the extra charge is 60c. The Post Office also charges a money order fee on each C.O.D. parcel.

Save these fees by remitting in full.

DO NOT USE THIS SPACE

GRAND TOTAL
REMITTANCE

DIFFERENCE

C.O.D.

Fee

REFUND

Check No.

Date _____

TOTAL OF ITEMS
MISSOURI SALES
TAX APPLIES
MISSOURI
CUSTOMERS ONLY

POSTAGE
—See back side

INSURANCE
—See back side

GRAND TOTAL

SHIPPED

Y1A

CLERK

COPPER WIRE TABLE

Gauge	Turns per Linear Inch	Enamel	D. C. C.	Bare	D. C. C.	Ohms per 1000 ft. 25° C.	Current Carrying Capacity Per amp at 1500 C. M.
8	7.6		7.1	20.01	19.6	.6405	11.0
10	9.6		8.9	31.82	30.9	1.018	6.9
12	12.0		10.9	50.59	48.9	1.619	4.4
14	15.0		13.8	80.44	77.3	2.575	2.7
16	18.9		16.4	127.9	119.	4.094	1.7
18	23.6		19.8	203.4	188.	6.510	1.1
20	29.4		23.8	323.4	298.	10.35	.68
22	37.0		30.0	514.2	461.	16.46	.43
24	46.3		35.6	817.7	745.	26.17	.27
26	58.0		41.8	1300.	1118.	41.62	.17
28	72.7		48.5	2067	1759.	66.17	.11
30	90.5		55.5	3287.	2534	105.2	.067
32	113.		62.6	5227.	3137	167.3	.042
34	143.		70.0	8310	6168	266.0	.026
36	175.		77.0	13210.	7877	423.0	.017
38	224.		83.6	21010.	10666	672.6	.010
40	282.		89.7	33410	14222	1069.	.006

To change Microfarad into Decimals of a Farad. Multiply by .000001.
Mill = 1000th of a Unit (for instance 15 milliamps would read .0015 ampere).
Micro = 1,000,000th Part of Unit (for instance 500 microamperes would be .0005 ampere. Kilo= 1000.

TO FIND TOTAL CAPACITY

Condensers in Series where each condenser capacity is the same, divide the capacity of one by number of condensers.
Condensers in Parallel where all condensers are of equal capacities, add the total capacities.

DECIMAL EQUIVALENTS

Fractions of Inch	Decimals of Inch	Fractions of Inch	Decimals of Inch	Fractions of Inch	Decimals of Inch
1/32	.031	3/8	.375	23/32	.719
1/16	.063	13/32	.406	3/4	.750
3/32	.094	7/16	.438	25/32	.781
1/8	.125	15/32	.469	13/16	.813
5/32	.156	1/2	.500	27/32	.844
3/16	.188	17/32	.531	7/8	.875
7/32	.219	9/16	.563	29/32	.906
1/4	.250	19/32	.594	15/16	.938
9/32	.281	5/8	.625	31/32	.969
5/16	.313	21/32	.656	1	1.000
11/32	.344	11/16	.688		

TRANSFORMER COLOR CODES (RMA STANDARD)

COLOR OF LEAD	POWER TRANSFORMERS	A. P. TRANSFORMERS (Also line to grid, and tapings for transformers)	IF TRANSFORMERS	FIELD COILS	LOUDSPEAKER VOICE COILS
Black	Primary (if tapped primary - Black is common)	Grid Return	Grid (for Diode) Return	—	Start
Black & Red	Finish of Tapped Primary	—	—	—	Start
Black & Yellow	Primary Tap	—	—	—	—
Red	H.V.	B. Y.	B. Y.	—	—
Red & Yellow	Tap on H.V.	—	—	—	Finish
Yellow	Barrier Plate (C.T. - Green and Yellow)	Grid (Start) Lead on center tapped secondary (Green may be used if polarity not important)	—	—	—
Green	Pilament No. 1 (C.T. - Green and Yellow)	Grid (Finish) Lead to Secondary	Grid (for Diode) Lead	—	Finish
Brown	Pilament No. 2 (C.T. - Brown and Yellow)	Plate (Start) Lead on center tapped primary (Blue may be used if polarity not important)	—	—	—
Slate	Pilament No. 2 (C.T. - Slate and Yellow)	—	—	—	(If tapped Slate & Red)
Blue	—	Plate (Finish) Lead of Primary	Plate	—	—

RADIO AMATEUR FREQUENCIES

Effective as of August 5, 1947

Frequency in KC Type of Emission

3500-4000	80 Meters	A1
3850-4000		A3
3850-3900		FM
7000-7300	40 Meters	A1
14,000-14,400	20 Meters	A1
14,200-14,300		A3
14,200-14,250		FM
27,160-27,430	11 Meters	A0, A1, A2, A3, A4, FM
28,000-29,700	10 Meters	A1
28,500-29,700		A3, FM phone
50-54 MC	6 Meters	A1, A2, A3, A4
51-52.5 MC		FM
144-148 MC	2 Meters	A0, A1, A2, A3, A4, FM
235-240 MC	1 1/2 Meters	A0, A1, A2, A3, A4, FM
420-450 MC		A0, A1, A2, A3, A4, A5, FM

Peak Ant. Power 50 Watts

1215-1295 MC		
2300-2450 MC		
3300-3500 MC		
5650-5925 MC		A0, A1, A2, A3, A4, A5, FM
10,000-10,500 MC		Pulse Transmission
21,000-22,000 MC		
30,000-Up		

NOTE-A3 & FM phone on 20 & 80 meters restricted to all but Class A Licensee

EXPLANATION OF SYMBOLS

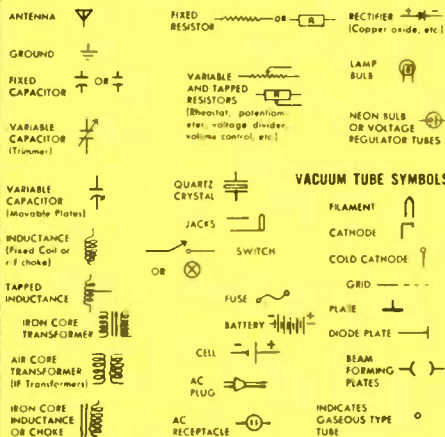
A0 - Steady, unmodulated, pure carrier waves.
A1 - CW, Telegraphy on pure continuous waves.
A2 - ICW, Amplitude tone-modulated telegraphy.
A3 - AM Telephony.
A4 - Facsimile
A5 - Television

NOTE: Changes from Atlantic City International Radio Conference to become effective sometime in 1949.

20 meters revised -	14,000-14350 KC
15 meters new -	21,000-21450 KC
11 meters revised -	26,960-27230 KC
1 1/2 meters revised -	220-225 MC
----- revised -	1215-1300 MC
----- revised -	5650-58500 MC

To change Meters into Kilocycles multiply meters by 300,000. To change Kilocycles into Meters divide 300,000 by Kilocycles.

SCHEMATIC SYMBOLS USED IN CIRCUIT DIAGRAMS NEW AND OLD



FORMULAS

OHMS LAW: VOLTS = AMPS X OHMS
POWER: WATTS = (AMPS)² OHMS = $\frac{VOLTS^2}{OHMS}$ = AMPS X VOLTS
POWER IN A-C CIRCUITS: WATTS = AMPS X VOLTS X POWER FACTOR (IN PERCENT)
REACTANCE OF CAPACITORS: REACTANCE IN OHMS = $\frac{2\pi \text{ Frequency X CAP (in farads)}}{10^{-8}}$
RESONANCE: RESONANT FREQUENCY = $\frac{1}{2\pi \sqrt{L \times C}}$ cycles/sec
L = INDUCTANCE IN HENRIES
C = CAPACITY IN FARADS
RESISTORS IN COMBINATION
TOTAL RESISTANCE = SUM OF INDIVIDUAL RESISTORS
IN SERIES
TOTAL RESISTANCE = $\frac{1}{\frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3} \text{ etc}}$

BREAK DOWN VOLTAGES

Condensers in Series is the total of each voltage rating of the condensers in series (Under this arrangement equalizing resistor should be used)
Condensers in Parallel the voltage stays the same as of the lowest rated condenser.

All used test equipment and receivers are tested and reconditioned before being offered for sale to our customers. You can rely on a used piece of electronic equipment or used receiver from WALTER ASHE.

All discounts have been deducted, including 2% discounts for cash. Prices are subject to change without notice; we give customers the benefit of all reductions taking place after the catalog is published.

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St. Louis 1, Mo.

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Transportation charges on C.O.D. parcels are higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs are as follows (including insurance): When value of parcel is up to \$2.50 the extra charge is 15c; \$2.51 to \$5.00 the extra charge is 20c; \$5.01 to \$25.00 the extra charge is 30c; \$25.01 to \$50.00 the extra charge is 40c; \$50.01 to \$100.00 the extra charge is 50c; \$100.01 to \$150.00 the extra charge is 55c; \$150.01 to \$200.00 the extra charge is 60c. The Post Office also charges a money order fee on each C.O.D. parcel.

Save these fees by remitting in full.

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C.O.D.

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TOTAL OF ITEMS

**MISSOURI SALES
TAX APPLIES
MISSOURI
CUSTOMERS ONLY**

POSTAGE
—See back side

INSURANCE
—See back side

GRAND TOTAL

SHIPPED

VIA

CLERK

COPPER WIRE TABLE

Gauge	Turns per Linear Inch		Feet per lb.		Ohms per 1000 ft. 25° C.	Current Carrying Capacity Per amp at 1500 C.M.
	Enamel	D.C.C.	Bare	D.C.C.		
8	7.6	7.1	20.01	19.6	.6405	11.0
10	9.6	8.9	31.82	30.9	1.018	6.9
12	12.0	10.9	50.59	48.9	1.619	4.4
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26	58.0	41.8	1300.	1118.	41.62	.17
28	72.7	48.5	2067	1759.	66.17	.11
30	90.5	55.5	3287.	2534	105.2	.067
32	113.	62.6	5227.	3137	167.3	.042
34	143.	70.0	8310	6168	266.0	.026
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Fractions of Inch	Decimals of Inch	Fractions of Inch	Decimals of Inch	Fractions of Inch	Decimals of Inch
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11/32	.344	11/16	.688		

TRANSFORMER COLOR CODES (RMA STANDARD)

COLOR OF LEAD	POWER TRANSFORMERS	A. F. TRANSFORMERS (Also line to grid, and delay to line transformer)	I. F. TRANSFORMERS	FIELD COILS	LOUDSPEAKER VOICE COILS
Black	Primary (If tapped primary - Black is common)	Grid Return	Grid for Diode/Rectifier	—	Start
Black & Red	Point of Tapped Primary	—	—	Start	—
Black & Yellow	Primary Tap	—	—	—	—
Red	H.V.	B+	B+	—	—
Red & Yellow	Tap on H.V.	—	—	Finish	—
Yellow	Rectifier Plate (C.T. - Yellow and Black)	Grid (Start) Lead on center tapped secondaries (Green may be used if polarity not important)	—	—	—
Green	Plate (No. 1) (C.T. - Green and Yellow)	Grid (Finish) Lead to Secondary	Grid for Diode Lead	—	Finish
Brown	Plate (No. 2) (C.T. - Brown and Yellow)	Plate (Start) Lead on center tapped primaries (Blue may be used if polarity not important)	—	—	—
State	Plate (No. 2) (C.T. - State and Yellow)	—	—	(If tapped State & Red)	—
Blue	—	Plate - (Finish) Lead of Primary	Plate	—	—

RADIO AMATEUR FREQUENCIES

Effective as of August 5, 1947

Frequency in KC	Type of Emission
80 Meters	
3500-4000	A1
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40 Meters	
7000-7300	A1
20 Meters	
14,000-14,400	A1
14,200-14,300	A3
14,200-14,250	FM
11 Meters	
27,160-27,430	A0, A1, A2, A3, A4, FM
10 Meters	
28,000-29,700	A1
28,500-29,700	A3, FM phone
6 Meters	
50-54 MC	A1, A2, A3, A4
51-52.5 MC	FM
2 Meters	
144-148 MC	A0, A1, A2, A3, A4, FM
1 1/4 Meters	
235-240 MC	A0, A1, A2, A3, A4, FM
420-450 MC	A0, A1, A2, A3, A4, A5, FM
Peak Ant. Power 50 Watts	

1215-1295 MC
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3300-3500 MC
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10,000-10,500 MC
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30,000-Up

NOTE-A3 & FM phone on 20 & 80 meters restricted to all but Class A Licensee

EXPLANATION OF SYMBOLS

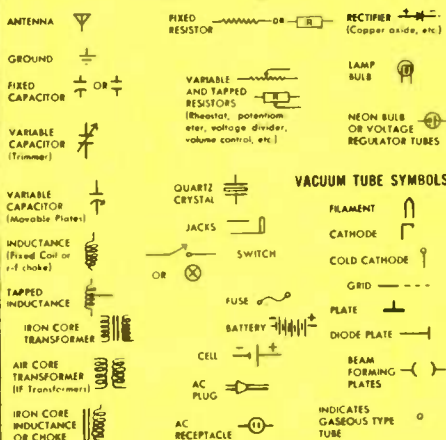
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- A2 - ICW, Amplitude tone-modulated telegraphy.
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1 1/4 meters revised -	220-225 MC
----- revised -	1215-1300 MC
----- revised -	5650-58500 MC

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 POWER IN A-C CIRCUITS: WATTS = AMPS X VOLTS X POWER FACTOR (IN PERCENT)
 REACTANCE OF CAPACITORS: REACTANCE IN OHMS = $\frac{2 \pi \text{ Frequency X CAP (in farads)}}{10^{-6}}$
 REACTANCE IN OHMS = $\frac{1}{6.28 \text{ (cycles/sec) (mfd.)}}$
 RESONANCE: RESONANT FREQUENCY = $\frac{1}{2 \pi \sqrt{L \times C}}$ cycles/sec
 L = INDUCTANCE IN HENRIES
 C = CAPACITY IN FARADS
 RESISTORS IN COMBINATION:
 TOTAL RESISTANCE = SUM OF INDIVIDUAL RESISTORS
 IN SERIES
 TOTAL RESISTANCE = $\frac{1}{\frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3} \text{ etc.}}$

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RECORD CHANGERS — RECORDERS — MOTORS

WEBSTER CHICAGO


MODEL "50" Compact and efficient changer using crystal cartridge. 4 second change cycle. Foolproof, non-jamming. Plays twelve 10" or ten 12" records. Quiet motor. Finish, dark brown enamel. 105-125 AC, 60 cycle operation.

No. 50-1 Net \$ 21.17



MODEL "56" A dependable single post changer. Foolproof operation, can not be jammed. 4 second change cycle. Automatically shuts off after playing last record. Plays twelve 10" or ten 12" records at one loading. High quality lightweight crystal pickup. Heavy duty motor. Easy on records. Brown Hammerloid finish. 110 VAC, 60 cycle operation.

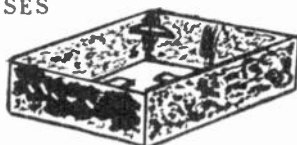
No. 56 Net \$ 26.66



MODEL "70 INTERMIX" The Deluxe changer of the Webster line. Will intermix 10" and 12" records. Automatically shuts off after last record is played. Cushioned spindle protects records. Uses lightweight high fidelity crystal nylon pickup. Automatic release of drive mechanism when not in use eliminates thumps from flat spots of idler wheel. Brown Hammerloid finish. 110 VAC, 60 cycle operation.

No. 70 Net \$ 42.34

CHANGER BASES



Attractive brown wrinkle finish for Webster changers. Made of 20 gauge pressed steel. Felt pads on bottom prevents scratching.

No. 501	For Model 50	Net \$ 3.39
No. 561	56	3.39
No. 701	70	3.39

THE GENERAL INDUSTRIES COMPANY

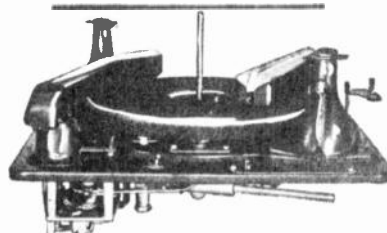

"R70L" Recorder. A high quality 78 rpm. home recording assembly. 4 ohm magnetic cutter, crystal pickup. Rim drive induction motor. 10" weighted turn-table. Cuts up to 10" records, plays up to 12" records. 110 VAC, 50-60 cycle operation.

No. R70L Net \$ 24.51



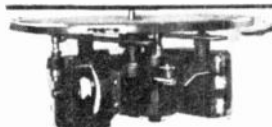
"R90L" Same as above but is 2 speed. (78-33 1/3 rpm)

Net \$ 28.95



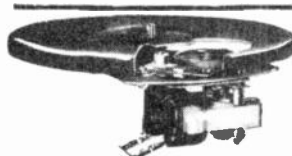
"RC130L" Combination record changer and recorder. Single speed (78 rpm) cuts records up to 10", manually or automatically plays records up to 12". 110 VAC, 50-60 cycle operation.

No. RC130L Net \$ 40.14



MODEL "D" A two speed (78-33 1/3rpm) Induction phono-motor. Speed regulated by governor. 110 VAC, 50-60 cycle.

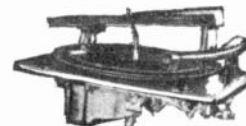
Model D	10" Turn-table	Net \$ 15.90
Model D	12" Turn-table	16.45



MODEL "MX" Rim drive constant speed phono-motor. Induction type. 9" turn-table. Self starting - 50-60 cycle operation.

Model MX Net \$ 4.77

G-C PHONO-TURNTABLE Rubber Replacement Drives


GARRARD


GARRARD "MIXER" CHANGER

Automatic mixing. Plays and changes 10" & 12" records in any combination or sequence. Automatically stops on last record. Easy on records. Uses new nylon cartridge. 110/130 VAC, 50-60 cycles.

Model 60LC Net \$ 69.50

MASCO


DUAL SPEED RECORDER, PLAYBACK PA SYSTEM. Records and plays back 78 and 33 1/3 rpm. HD 6" speaker. 3 input channels. Separate volume and tone controls. Brown alligator fabricoid carrying case. Complete with tubes.

Model H-5 Net \$ 81.00

List \$ 174.50 **MEISSNER**
Radio-Phono-Recorder



This Radio-Phono-Recorder may be used as auxiliary PA system. Complete in all details. Includes crystal mike. Makes recordings from microphone or radio up to 10" size. High fidelity crystal cutting head assures faithful recordings. Jacks for extra mikes, speaker and monitor. Dual speed motor, 78-33 1/3 rpm. Radio is high quality Superhet. Built-in antenna loop eliminates need for outside antenna. Tone and volume controls on panel. Plays up to 12" records. Storage compartment for records in lid.

No. 9-1065 Recorder Net \$ 111.28

16	G.I., RX, LX.	.15
17	Alliance 80, Motorola	.15
18	RCA	.09
19	Philco, RCA	.09
20	Detrola	.24
21	Webster 56	.15

RECORDING DISCS



RED LABEL

The Standard throughout the recording profession. Red Label Audio Discs exceed the professional demands of broadcast stations, sound, movie and other exacting applications. The very finest disc obtainable. Double sided with center pin and 3 drive pin holes. Aluminum base.

Size	Approximate Recording Time Minutes	Std. Pkg.	List Price
	33 rpm 78 rpm		
6 1/2"	- 1 1/4	25	\$.55
8	- 2 1/4	25	.80
10	8 3 1/4	25	1.15
12	10 5	25	1.85
16	15 -	25	3.40

YELLOW LABEL

The popular choice blank for all general purpose recording. Designed primarily for commercial recording, studios, schools and home recordings. Center pin, 3 drive pin holes. Aluminum base.

Size	Approximate Recording Time Minutes	Std. Pkg.	List Price
	33 rpm 78 rpm		
6 1/2"	- 1 1/4	25	\$.45
8	- 2 1/4	25	.70
10	8 3 1/4	25	.90
12	10 -	25	1.50
16	15 -	25	2.70

BLUE LABEL

Used for recording in schools, homes, amateur and demonstration work. High quality blanks at low price. Center pin, 3 drive pin holes. Aluminum base.

Size	Approximate Recording Time Minutes	Std. Pkg.	List Price
	33 rpm 78 rpm		
6 1/2"	- 1 1/4	50	\$.35
8	- 2 1/4	50	.50
10	8 3 1/4	50	.75

THE ABOVE PRICES SHOWN ARE LIST PRICES AND SUBJECT TO REGULAR DISCOUNT.



Ideal for home recording, schools, etc.

Size	Std. Pkg.	Net Ea. Broken Pkg.	Net Ea. Std. Pkg.
6 1/2"	100	\$.20	\$.18
8	50	.26	.24
10	50	.40	.36
12	25	.52	.47

PRESTO

GREEN SEAL DISCS

A high quality recording blank used by broadcast stations and recording studios. Perfectly coated on aluminum base, double sided. 16" diameter. 30 to carton.

No. 616A List Price \$ 3.25

THE ABOVE PRICE IS LIST AND SUBJECT TO REGULAR DISCOUNT.

PRESTO MONOGRAM

Widely used by schools, industrials & for home recording.

Number	Size	Net Ea. 1 - 9	Net Ea. Std. Pkg. of 10
706A	6"	\$.14	\$.12
708A	8	.23	.21
710A	10	.33	.30
712A	12	.47	.42

"UNIVERSAL RECORDING"

FREQUENCY RECORD



Double sided 78 & 33 1/3 R.P.M., 96 lines per inch. Low surface noise Vinyl. 50-10000 CPS +/- DB. 19 spot check frequencies. 15 seconds of unmodulated grooves for rumble measurements. Voice announcements clearly identify each frequency band.

Net \$ 2.50

CLARKSTAN FREQUENCY RECORD

For use with oscilloscopes. 16" frequency sweep range 60-10000 CPS. 12" 70-10000 CPS. Both made of Vinylite.

No. 1000A	12", recording at 78 rpm.	Net \$ 6.60
No. 100A	16", recording at 33 1/3 rpm.	15.00

UNIVERSAL STROBOSCOPE



For accurately checking phonograph motor speeds, 33 1/3 or 78 R.P.M.

No. A176 Net \$.15

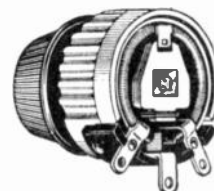
"Ahead of the Parade"...

SERVICE... FACILITIES

...VALUES.

Walter Ashe Radio Co. has long been recognized as the reliable source for a complete line of dependable radio and electronics equipment for every conceivable purpose. Amateurs, particularly, have learned to depend on Walter Ashe for prompt and efficient handling of their requirements.

ALL-METAL RHEOSTATS



ALL-METAL RHEOSTATS

Aluminum construction. Ratings based on hottest spot temperature rise of only 140 degrees C. with maximum load distributed over entire element.

PR-25 - 25 WATTS

1 21/32" diam. Depth behind panel, 31/32".

Ohms	Maximum W.A.	Net
0.5	7,000	\$ 3.44
1	5,000	3.44
2	3,450	3.06
3	2,880	3.06
6	2,040	3.06
8	1,770	3.06
10	1,580	3.06
15	1,290	3.06
25	1,000	3.06
35	845	3.06
50	709	3.06
75	575	3.06
100	500	3.06
125	445	3.06
175	375	3.06
250	315	3.06
350	267	3.06
500	222	3.06
750	173	3.06
1,000	155	3.44
1,500	129	3.44
2,500	100	3.44
3,500	84	3.64
5,000	70	3.64

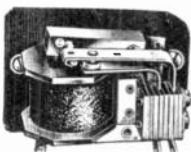
PR-50 - 50 WATTS

2 3/8" diam. Depth behind panel, 1 3/8".

Ohms	Maximum W.A.	Net
0.5	10,000	\$3.82
1	7,070	3.82
2	5,000	3.44
4	3,520	3.44
6	2,880	3.44
8	2,500	3.44
12	2,040	3.44
16	1,770	3.44
22	1,500	3.44
35	1,190	3.44
50	1,000	3.44
80	790	3.44
125	630	3.44
150	575	3.44
225	470	3.44
300	407	3.44
500	315	3.44
800	250	3.64
1,000	223	3.64
1,600	177	3.64
2,500	140	3.64
3,500	120	3.82
5,000	100	3.82
8,000	79	3.82
10,000	70	3.82

WHEN IN NEED OF A NEW PIECE OF TEST EQUIPMENT SEE US, TIME PAYMENTS CAN BE ARRANGED IF YOU WISH.

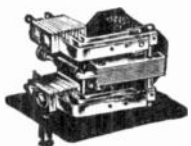
GUARDIAN



KEYING RELAY

SPST. Coil, 5-16 VAC. Will follow Bug at high speeds. Contacts handle 1500 watts.

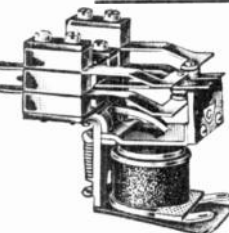
Type K-100 Net \$4.14



BREAK-IN RELAY

DPDT. 115 VAC coil. Contacts handle 1500 watts.

Type B-100 Net \$5.65



ANTENNA RELAYS

DPDT. 115 VAC coil. Low loss insulation. Contacts handle 1 KW RF.

Type Net

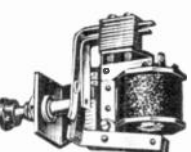
A-100 \$4.49

Type A-100C. Same as above but SPDT.

Net \$4.49

Type R-100. Same as above but SPST.

Net \$2.08



OVERLOAD RELAYS

SPST. 1500 watt contacts. Breaks circuit at 250 MA through coil. Manual reset.

Type L-250 Net \$5.65

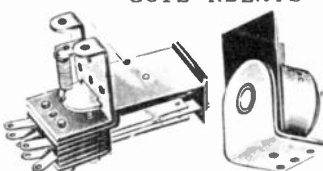
Type L-500. Same as above except contacts break at 500 MA through coil.

Net \$5.65

Type X-100. Same as above except adjustable for any current from 150 to 650 MA.

Net \$7.56

GUARDIAN INTERCHANGEABLE COIL RELAYS



Built in two parts coil and contact assembly. Easily assembled.

COILS

Type	Type	Net
6A 6VAC	6D 6VDC	\$1.18
12A 12VAC	12D 12VDC	1.18
24A 24VAC	24D 24VDC	1.18
	32D 32VDC	1.18
115A 115VAC	110D 110VDC	1.47

CONTACTS

Type	Net
200-1 SPST	\$.96
200-2 DPDT	1.32

CONTACT PARTS SET

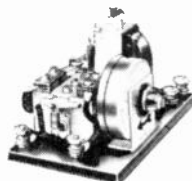


Complete set of parts to make your own relay combinations with above assemblies. Instructions included.

200-3 \$.96

RELAYS

Advance Relays



OVERLOAD RELAYS

Has 115 VAC electrical reset coil. Permits reset by push button. Type A breaks between 250 and 500 MA.

Type B breaks between 500 and 1000 MA.

Type 750 A & B. (either type)

Net \$7.76

Type 700 A & B. Same specifications as above but has mechanical reset.

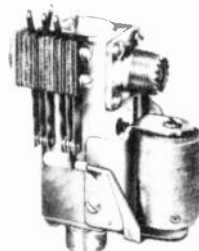
Net (either type) \$5.97



ANTENNA RELAY

DPDT. 115 VAC coil. Low loss insulation for RF power switching.

Type 400 Net \$5.82



COAXIAL RELAY

For use in switching 52 or 75 ohm coaxial from transmitter to receiver. 1/4" pure silver contacts. Rating of 880 watts at 100 MC.

Type	Net
7200 115 VAC coil	\$7.20
7200 6 VDC coil	7.20

Same as above but with DPDT auxiliary contacts.

Type	Net
7204 115 VAC coil	\$8.93
8204 6 VDC coil	8.93

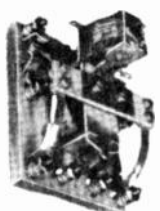
TIME DELAY RELAY

SPST 1/4" pure silver contacts. For use in pre-heating tube filaments. Standard relay, thermostat adjustable from 10 sec. to 1 min. 115VAC coil.

Type 301-B Net \$4.85



ANTENNA LATCHING RELAY



DPDT 1/4" pure silver contacts. Operates with two push buttons. Shifts antenna immediately and locks. No current drain when push button not depressed. Will handle 1 KW RF.

Type	Net
400M 115 VAC	\$7.65
(Also available in DC. Specify when ordering)	

EBY SENSITIVE RELAY



Designed for plate circuit applications SPDT. Contacts rated 2.5 amps @ 115 VAC.

Type	Net
ER-12 1000 ohms	\$4.95
2500 ohms	5.09
5000 ohms	5.23
10000 ohms	5.23

AUTOMATIC R-51



DPDT Antenna switch relay. 115 VAC coil. Mykroy insulation.

Net \$4.80

WARD LEONARD HEAVY DUTY MIDGET RELAY



SPDT silver contacts rated at 15 amps. 110 VAC 60 Cy. Coil 115 VAC.

No. 507-549 Net \$4.28

Also available 6 VDC or 6 VAC. Specify when ordering.



STACO RELAYS

BREAK-IN RELAYS

DPDT for Antenna switch Also auxiliary contacts for circuit switching. 115 VAC coil.

Type BBA	Triple-X Ins.	Net \$4.20
Type BMA	Mycalex Ins.	6.00

(Also available 6 VDC) Specify when ordering.

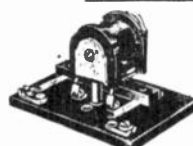


ANTENNA RELAYS

DPDT. 115 VAC coil. Fine for HF antenna switching.

Type	Net
ABA Triple-X ins.	\$3.00
AMA Mycalex ins.	4.00

GENERAL PURPOSE



For RF or high-voltage switching. 115 VAC coil.

Type RBA-1	SPST Triple-X Ins.	\$2.10
Type RMA-1	SPST Mycalex Ins.	2.55
Type RBA-2	DPST Triple-X Ins.	2.25
Type RMA-2	DPST Mycalex Ins.	3.00

(Also available 6 VDC)

SPEMCO ALL PURPOSE RELAYS



SPDT 10 amp contacts for general relay applications.

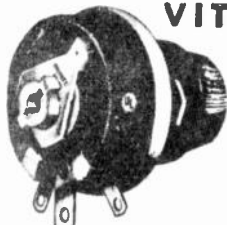
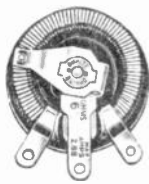
Type A	8-12VAC	Net \$3.67
Type B	15-24VAC	3.67
Type C	110 VAC	3.67
Type D	220 VAC	3.67

POWER RELAYS

DPDT 10 amp contacts for power switching applications.

Type	Net
QQ 90-135 VAC	\$4.90
PP 18-24 VAC	4.90
NN 5-8 VAC	4.90

REL



VITREOUS OHMITE ENAMELED RHEOSTATS

Construction of ceramic and metal. All models have insulated shafts. Current carrying capacities shown are for use in free air.

MODEL "H"-25 WATT

Diameter, 1 9/16". Depth behind panel, 1 3/8". Shaft, 1/4". Knob supplied.

Number	Ohms	Amps.	Net
0140	1	5.000	\$ 3.44
0141	2	3.540	3.06
0142	3	2.880	3.06
0143	6	2.040	3.06
0144	8	1.770	3.06
0145	10	1.580	3.06
0146	15	1.290	3.06
0147	25	1.000	3.06
0148	35	.845	3.06
0149	50	.707	3.06
0150	75	.575	3.06
0151	100	.500	3.06
0152	125	.445	3.06
0153	175	.375	3.06
0154	250	.316	3.06
0155	350	.267	3.06
0156	500	.222	3.06
0157	750	.182	3.06
0158	1,000	.155	3.44
0159	1,500	.129	3.44
0160	2,500	.100	3.44
0161	3,500	.084	3.64
0162	5,000	.070	3.64

MODEL "J"-50 WATT

Diameter, 2 5/16". Depth behind panel 1 3/8". Shaft, 1/4". Knob supplied.

Number	Ohms	Amps	Net
0308	0.5	10.000	\$ 3.82
0309	1	7.070	3.82
0310	2	5.000	3.82
0311	4	3.530	3.44
0312	6	2.880	3.44
0313	8	2.500	3.44
0314	12	2.040	3.44
0315	16	1.760	3.44
0316	22	1.500	3.44
0317	35	1.190	3.44
0318	50	1.000	3.44
0319	80	.790	3.44
0320	125	.630	3.44
0321	150	.575	3.44
0322	225	.470	3.44
0323	300	.408	3.44
0324	500	.316	3.44
0325	800	.250	3.64
0326	1,000	.224	3.64
0327	1,600	.176	3.64
0328	2,500	.141	3.64
0329	3,500	.119	3.82
0330	5,000	.100	3.82
0331	8,000	.079	3.82
0332	10,000	.070	3.82

MODEL "K"-100 WATT

Diameter, 3 1/8". Depth behind panel 1 3/4". Shaft, 1/4". Knob supplied.

Number	Ohms	Amps.	Net
0440	0.5	14.100	\$ 5.73
0441	1	10.000	5.73
0442	2	7.070	5.73
0443	3	5.750	5.73

MODEL "K" (Cont'd)

0444	5	4.470	5.73
0445	7.5	3.650	5.35
0446	10	3.160	5.35
0447	16	2.500	5.35
0448	25	2.000	5.35
0449	50	1.410	5.35
0450	75	1.150	5.35
0451	100	1.000	5.35
0452	200	.707	5.35
0453	300	.575	5.35
0454	400	.500	5.35
0455	500	.447	5.35
0456	750	.365	5.35
0457	1,000	.316	5.73
0458	1,500	.258	5.73
0459	2,000	.224	5.73
0460	2,500	.200	5.73
0461	5,000	.141	6.12
0462	7,500	.115	6.50
0463	10,000	.100	6.88

MODEL "L"-150 WATT

Diameter, 4". Depth behind panel, 2". Shaft, 1/4". Knob supplied.

Number	Ohms	Amps.	Net
0524	0.5	17.300	\$ 7.26
0525	1	12.300	7.26
0526	2	8.650	7.26
0527	3	7.070	7.26
0528	5	5.480	7.26
0529	7.5	4.470	7.26
0530	10	3.880	6.88
0531	15	3.163	6.88
0532	25	2.450	6.88
0533	35	2.070	6.88
0534	50	1.735	6.88
0535	75	1.415	6.88
0536	100	1.225	6.88
0537	150	1.000	6.88
0538	200	.865	6.88
0539	250	.775	6.88
0540	350	.655	6.88
0541	500	.548	6.88
0542	750	.447	7.26
0543	1,250	.346	7.26
0544	1,800	.288	7.64
0545	2,250	.259	7.64
0546	3,000	.224	7.64
0547	4,500	.182	8.03
0548	7,500	.141	8.41
0549	10,000	.122	9.17

MODEL "N"-300 WATT

Diameter, 6". Depth behind panel, 2 3/8". Shaft 3/8". Knob supplied.

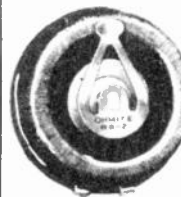
Number	Ohms	Amps.	Net
0650	1	17.320	\$10.32
0651	2	12.240	10.32
0652	3	10.000	10.32
0653	4	8.660	10.32
0654	5	7.750	10.32
0655	7.5	6.320	10.32
0656	10	5.480	10.32
0657	15	4.470	10.32
0658	25	3.460	10.32
0659	50	2.450	10.32
0660	75	2.000	10.32
0661	100	1.730	10.32
0662	150	1.410	10.32
0663	200	1.220	10.32
0664	300	1.000	10.32
0665	400	.866	10.32
0666	700	.655	10.32
0667	900	.578	10.32
0668	1,200	.500	10.32
0669	1,500	.447	10.32
0670	1,750	.414	10.32
0671	2,500	.346	10.32

MODEL "R"-500 WATT

Diameter, 8". Depth behind panel, 2 1/8". Shaft, 3/8". Knob supplied.

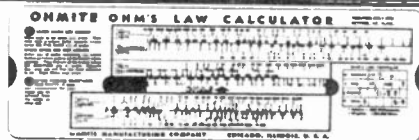
Number	Ohms	Amps.	Net
0849	1.0	22.300	\$ 14.91
0850	1.5	18.200	14.91
0851	2	15.800	14.91
0852	2.5	14.100	14.91
0853	3	12.900	14.91
0854	4	11.200	14.91
0855	5	10.000	14.91
0856	8	7.900	14.91
0857	12.5	6.300	14.91
0858	16	5.600	14.91
0859	25	4.470	14.91
0860	40	3.540	14.91
0872	50	3.160	14.91
0861	80	2.520	14.91
0862	125	2.000	14.91
0863	175	1.690	14.91
0864	250	1.410	14.91
0865	325	1.240	14.91
0866	500	1.000	14.91
0867	750	.817	14.91
0868	1,000	.707	14.91
0869	1,500	.577	14.91
0870	2,000	.500	14.91
0871	2,500	.447	14.91

OHMITE DIRECTION INDICATOR POTENTIOMETER



A compact low cost unit to indicate position of beam when used with 0-1 MA meter & 6 volt battery.

No. RB2 Net \$ 4.78



OHMITE OHMS LAW CALCULATOR

Handy pocket size calculator solves Ohms Law problems.

Net each \$.25

"SURPRISE" TRADE-IN ALLOWANCES...

Your receiver may be worth far more than you think! Yes, the "Surprise" trade-in allowances offered by Walter Ashe on your used equipment are truly the sensation of the industry. Act now. Get your trade-in deal working today. Simply write, wire or phone us what you have to trade. We'll take it from there.





10 WATT DIVIDOHM

Number	Ohms	Max. Amps.	Net
1001	1	3.150	\$.58
1002	2	2.235	.58
1003	3	1.825	.58
1004	5	1.415	.58
1005	7.5	1.155	.58
1006	10	1.000	.58
1007	15	.816	.58
1008	20	.707	.58
1009	25	.632	.58
1010	50	.447	.58
1011	75	.365	.58
1012	100	.316	.58
1013	150	.258	.58
1014	200	.223	.58
1015	250	.200	.58
1016	300	.182	.58
1017	350	.169	.58
1018	400	.158	.58
1019	500	.141	.58
1020	600	.129	.58
1021	750	.115	.58
1022	800	.111	.58
1023	1,000	.100	.58
1024	1,250	.089	.58
1025	1,500	.079	.58
1026	2,000	.069	.58
1027	2,250	.064	.58
1028	2,500	.063	.58
1029	3,000	.056	.58
1030	3,500	.051	.58
1031	4,000	.047	.58
1032	4,500	.045	.58
1033	5,000	.043	.58
1034	6,000	.038	.58
1035	7,000	.034	.58
1036	7,500	.033	.58
1037	8,000	.031	.58
1038	8,500	.029	.58
1039	9,000	.028	.58
1040	10,000	.026	.58

25 WATT DIVIDOHM

Number	Ohms	Max. Amps.	Net
0360	1	5.000	\$.73
0360B	2	3.535	.73
0361	3	2.885	.73
0362	5	2.235	.73
0362B	7.5	1.825	.73
0363	10	1.580	.73
0364	15	1.290	.73
0364B	20	1.117	.73
0365	25	1.000	.73
0366	50	.707	.73
0367	75	.577	.73
0368	100	.500	.73
0369	150	.408	.73
0370	200	.353	.73
0371	250	.316	.73
0371B	300	.288	.73
0371C	400	.250	.73
0372	500	.223	.73
0373	750	.182	.73
0374	800	.176	.73
0375	1,000	.158	.73
0375B	1,250	.141	.73
0376	1,500	.129	.73
0377	2,000	.111	.73
0377B	2,250	.105	.73
0378	2,500	.100	.73
0379	3,000	.091	.73
0380	3,500	.084	.73
0381	4,000	.079	.73
0381B	4,500	.074	.73
0382	5,000	.070	.73
0383	6,000	.064	.84
0383B	7,000	.060	.84
0383C	7,200	.059	.84
0384	7,500	.057	.84
0384B	8,000	.055	.84

OHMITE
"DIVIDOHM"

25 WATT (Cont'd)

0384C	9,000	.052	.84
0385	10,000	.050	.84
0386	12,000	.042	.84
0387	15,000	.034	.84
0388	20,000	.026	.92
0389	25,000	.021	.92

50 WATT DIVIDOHM

Number	Ohms	Max. Amps.	Net
0560A	1	7.070	\$ 1.15
0560B	2	5.000	1.15
0560C	3	4.070	1.15
0560D	4	3.535	1.15
0560	5	3.160	1.15
0561	10	2.235	1.15
0562	25	1.414	1.15
0563	50	1.000	1.15
0564	75	.816	1.15
0565	100	.707	1.15
0566	150	.577	1.15
0567	200	.500	1.15
0568	250	.447	1.15
0568B	300	.408	1.15
0568C	400	.353	1.15
0569	500	.316	1.15
0570	750	.258	1.15
0571	800	.250	1.15
0572	1,000	.223	1.15
0572B	1,250	.200	1.15
0573	1,500	.182	1.15
0574	2,000	.158	1.15
0574B	2,250	.149	1.15
0575	2,500	.141	1.15
0576	3,000	.129	1.15
0576B	3,500	.119	1.15
0577	4,000	.111	1.15
0577B	4,500	.105	1.15
0578	5,000	.100	1.15
0578B	6,000	.091	1.27
0578C	7,000	.084	1.27
0578D	7,200	.083	1.27
0579	7,500	.081	1.27
0580	8,000	.079	1.27
0580B	9,000	.074	1.27
0581	10,000	.070	1.27
0582	12,000	.064	1.27
0583	15,000	.057	1.27
0584	20,000	.048	1.27
0585	25,000	.041	1.27
0586	30,000	.041	1.45
0587	40,000	.035	1.45
0588	50,000	.033	1.45
0589	60,000	.020	1.69
0590	80,000	.015	1.69
0591	100,000	.012	1.69

75 WATT DIVIDOHM

Number	Ohms	Max. Amps.	Net
0769A	1	8.660	\$ 1.49
0769B	2	6.120	1.49
0769C	3	5.000	1.49
0769D	4	4.330	1.49
0769	5	3.870	1.49
0770	10	2.735	1.49
0771	15	2.236	1.49
0772	25	1.732	1.49
0773	50	1.224	1.49
0774	100	.866	1.49
0774B	200	.612	1.49
0775	250	.547	1.49
0775B	300	.500	1.49
0775C	400	.433	1.49
0776	500	.387	1.49
0777	750	.316	1.49
0777B	800	.306	1.49
0778	1,000	.273	1.49
0778B	1,250	.245	1.49
0779	1,500	.223	1.49
0780	2,000	.193	1.49



75 WATT (Cont'd)

0780B	2,250	.182	1.49
0781	2,500	.173	1.49
0781B	3,000	.158	1.49
0782	3,500	.146	1.49
0782B	4,000	.136	1.49
0782C	4,500	.129	1.49
0783	5,000	.122	1.49
0783B	6,000	.111	1.69
0783C	7,000	.103	1.69
0783D	7,200	.102	1.69
0784	7,500	.100	1.69
0784B	8,000	.096	1.69
0784C	9,000	.091	1.69
0785	10,000	.086	1.69
0785B	12,000	.079	1.69
0786	15,000	.070	1.69
0787	20,000	.061	1.69
0788	25,000	.052	1.69
0789	30,000	.047	1.91
0790	35,000	.038	1.91
0791	40,000	.033	1.91
0792	45,000	.028	1.91
0793	50,000	.025	1.91
0794	60,000	.019	2.11
0795	80,000	.017	2.11
0796	100,000	.013	2.11

100 WATT DIVIDOHM

Number	Ohms	Max. Amps.	Net
0956A	1	10.000	\$ 1.69
0956B	2	7.070	1.69
0956C	3	5.770	1.69
0956D	4	5.000	1.69
0956	5	4.470	1.69
0957	10	3.160	1.69
0958	25	2.000	1.69
0959	50	1.414	1.69
0960	100	1.000	1.69
0960B	250	.632	1.69
0961	500	.447	1.69
0962	1,000	.316	1.69
0962B	1,500	.258	1.69
0963	2,500	.200	1.69
0964	5,000	.141	1.69
0965	10,000	.100	1.91
0966	15,000	.081	1.91
0967	20,000	.070	1.91
0968	25,000	.053	1.91
0969	30,000	.047	2.11
0970	40,000	.036	2.11
0971	50,000	.029	2.11
0972	75,000	.019	2.29
0973	100,000	.015	2.29

200 WATT DIVIDOHM

Number	Ohms	Max. Amps.	Net
1356A	1	14.140	\$ 3.28
1356B	2	10.000	3.06
1356C	3	8.160	2.86
1356D	4	7.070	2.68
1356	5	6.320	2.52
1357	10	4.470	2.52
1358	25	2.828	2.52
1359	50	2.000	2.52
1360	100	1.414	2.52
1360B	250	.894	2.52
1361	500	.632	2.52
1362	1,000	.447	2.52
1362B	1,500	.365	2.52
1363	2,500	.283	2.52
1364	5,000	.200	2.52
1365	10,000	.141	2.52
1366	15,000	.115	2.95
1367	20,000	.100	2.95
1368	25,000	.089	2.95
1369	30,000	.081	2.95
1370	40,000	.061	2.95
1371	50,000	.049	2.95
1372	75,000	.033	2.95
1373	100,000	.025	2.95

RES

POWER RESISTORS

10 WATTS, TYPE "ABA"
1 3/4" x 5/16"

Ohms	M.A.	Ohms	M.A.
1	3150	800	112
2	2210	1,000	100
3	1830	1,250	99
5	1420	1,450	83
7.5	1150	1,500	82
10	1000	2,000	71
15	820	2,250	67
20	720	2,500	63
25	640	3,000	57
50	440	3,500	53
75	360	4,000	50
100	315	4,500	47
150	260	5,000	45
200	220	6,000	41
250	200	7,000	37
300	175	7,500	36
350	160	8,000	35
400	157	8,500	34
500	140	9,000	33
600	125	10,000	31
750	115		

Any above size Net Each \$.58

25 WATTS, TYPE "DHA"
2 1/2" x 9/16"

Ohms	M.A.	Ohms	M.A.
1	5000	500	224
3	2850	750	182
5	2200	800	177
10	1580	1,000	158
15	1290	1,250	141
25	1000	1,500	129
50	710	2,000	112
75	575	2,250	105
100	500	2,500	100
150	400	3,000	91
200	353	3,500	84
250	320	4,000	79
		5,000	71

Any above size Net Each \$.73

6,000	64	10,000	50
7,500	58	12,000	45
8,000	56	15,000	41
9,000	53		

Any above size Net Each \$.84

20,000	35	25,000	32
--------	----	--------	----

Any above size Net Each \$.92

50 WATTS, TYPE "EPA"
4 1/2" x 3/4"

Ohms	M.A.	Ohms	M.A.
5	3165	500	300
10	2230	750	250
25	1390	800	248
50	1000	1,000	215
75	810	1,250	195
100	700	1,500	175
150	550	2,000	155
200	500	2,500	135
250	440	3,000	120
300	375	4,000	105
400	350	5,000	95

Any above size Net Each \$ 1.15

6,000	85	12,000	63
7,500	77	15,000	66
8,000	75	20,000	48
10,000	66	25,000	43

Any above size Net Each \$ 1.27



80 WATTS, TYPE "ESA"

6 1/2" x 3/4"

Ohms	M.A.	Ohms	M.A.
5	4000	750	316
10	2730	800	305
15	2230	1,000	274
25	1730	1,500	223
50	1220	2,000	193
100	865	2,500	173
200	612	3,000	158
250	545	3,500	145
300	500	4,000	137
400	430	5,000	122
500	387		

Any above size Net Each \$ 1.49

6,000	112	15,000	70
7,500	110	20,000	61
8,000	98	25,000	55
10,000	86		

Any above size Net Each \$ 1.68

30,000	50	45,000	41
35,000	47	50,000	39
40,000	43		

Any above size Net Each \$ 1.91

60,000	35	0.1 meg.	27
80,000	30		

Any above size Net Each \$ 2.11

100 WATTS, TYPE "HAA"
6 1/2" x 1 1/8"

Ohms	M.A.	Ohms	M.A.
100	1000	1,500	250
200	710	2,000	220
400	500	2,500	200
500	447	3,000	180
750	365	4,000	155
1,000	315	5,000	140

Any above size Net Each \$ 1.68

6,000	130	15,000	80
7,500	115	20,000	70
8,000	110	25,000	63
10,000	100		

Any above size Net Each \$ 1.91

30,000	58	50,000	44
40,000	50		

Any above size Net Each \$ 2.11

60,000	41	0.1 meg.	31
75,000	36		

Any above size Net Each \$ 2.30

200 WATTS TYPE "HOA"
10 1/2" x 1 1/8"

Ohms	M.A.	Ohms	M.A.
100	1414	2,500	283
500	632	3,000	258
1,000	447	5,000	200
1,500	365	10,000	141
2,000	316		

Any above size Net Each \$ 2.52

15,000	115	50,000	63
20,000	100	60,000	57
25,000	90	75,000	51
30,000	81	0.1 meg.	44
40,000	70		

Any above size Net Each \$ 2.95

EXTRA CLIPS	For	Net
	ABA	\$.08
	DHA	.16
	EPA - ESA	.16
	HAA - HOA	.20

LINE JFD CORDS
PRECISION MADE

3 Terminal

Number	Resistance	Net
2180	135	\$.69
2181	160	.69
2182	180	.69
2183	200	.69
2184	220	.69
2185	250	.69
2186	290	.69
2187	300	.69
2188	330	.69
2189	350	.69
2190	390	.69
2450	450	1.01
2197	560	1.01
2157	960	1.01

Tapped 4 Terminal Cords

No.	Res.	Tap	Drop	Net
2176	160	24	69	\$.81
2195	165	30	--	.81
2177	180	25	63	.81
2178	200	25	57	.81
2179	200	40	57	.81
2174	280	40	32	.81
2164	360	80	Garod BP-20	1.01
2166	430	80	Farnsworth CD-59	1.01
2156	510	80	Fada	1.01
2196	560	80	/---	1.01
2158	960	80	GEL622	1.01
2165	1950	360	Crosley-Admiral	1.22
2198	1100-280	--	Motorola	1.22
2175	220-300	--	Universal	1.01

STEP DOWN LINE CORDS

Number	Drop	Current	Net
2191	220V-110V	.3 amps	\$ 1.41
2192	220V-110V	.15 amps	1.41

LINE CORD REPLACEMENT GUIDE

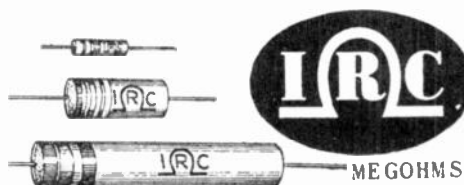
Number	Ohms	Tubes Used		
		25V	12.6V	6.3V
2180	135	2	-	4
2181	160	2	-	3
2182	180	1	1	4
2183	200	2	-	2
2184	220	1	1	3
2185	250	1	1	2
2185	250	1	-	3
2186	290	-	1	3
2187	300	-	-	-
2188	330	-	-	4
2189	350	-	1	2
2189	350	-	-	3
2190	390	-	-	2

"Ahead of the Parade"...

SERVICE... FACILITIES

...VALUES.

Walter Ashe Radio Co. has long been recognized as the reliable source for a complete line of dependable radio and electronics equipment for every conceivable purpose. Amateurs, particularly, have learned to depend on Walter Ashe for prompt and efficient handling of their requirements.



RESISTORS

PRECISION Wire Wound RESISTORS



Type WW-4
1" x 1"
Type WW-5
3/4" x 1 1/4"

Because of the special sectional construction which permits the winding of adjacent sections in opposite directions, a noninductive winding is made possible. This insures constant resistance at all frequencies up to 50,000 cycles. Sizes shown are 1% accuracy. Closer tolerance available at higher prices as follows: 1/2% tolerance add 10%; 1/4% accuracy add 15%; 1/10 of 1% add 25% to price.

WW-4, 9/16" x 1"
WW-5, 3/4" x 1 1/4"

WW-4

0.1, 0.5, 1, 10, 25, 50, 100, 200, 250, 300 and 500 ohms	Net \$.66
1,000, 1,500 and 2,000 ohms	.69
2,500 ohms	.69
4,000, 5,000, 7,500 & 10,000 ohms	.77
12,500 and 15,000 ohms	.84
20,000, 22,500, 25,000, 30,000, 40,000 and 50,000 ohms	1.04
60,000 and 75,000 ohms	1.23
0.1 meg.	1.42
0.125 meg.	1.61
0.15, 0.175 and 0.2 meg.	1.80
0.225 and 0.25 meg.	1.99
0.3 meg.	2.19
0.4 meg.	2.29
0.5 meg.	2.60

WW-5

0.6 meg.	Net \$ 3.25
0.75 meg.	3.44
0.9 meg.	3.64
1.0 meg.	4.02

BASIC IRC KIT



A complete kit of resistors in wattages from 1/2 to 200. Resistances from 47 ohms to 15 megohms. Total of 471 resistors. A practical time and money saver for laboratories, industrials, schools and servicemen. The sturdy cabinet is all metal and may be hung on wall or placed on bench. All resistors grouped and marked.

Basic Kit Net \$ 78.52

RES

OHMITE

"BROWN DEVIL" FIXED RESISTORS



10 WATT BROWN DEVIL
Core 1 3/4" x 5/16".

Ohms	Max. Amps.	Ohms	Max. Amps.
0.4	5.000	400	.158
1.	3.160	450	.149
1.2	2.820	500	.141
1.3	2.740	600	.129
1.5	2.580	700	.119
2	2.235	750	.115
3	1.825	800	.111
4	1.580	900	.105
5	1.414	1,000	.100
7.5	1.155	1,100	.095
10	1.000	1,200	.091
12	.910	1,250	.089
15	.816	1,500	.079
20	.707	1,750	.074
25	.632	2,000	.069
30	.575	2,250	.064
35	.535	2,500	.063
40	.500	3,000	.056
50	.447	3,500	.051
75	.365	4,000	.047
100	.316	4,500	.045
125	.283	5,000	.043
150	.258	6,000	.038
200	.223	7,000	.034
225	.217	7,500	.032
250	.200	8,000	.031
300	.182	8,500	.029
350	.169	10,000	.026

Any above resistors Net each \$.35

11,000	.024	20,000	.016
12,000	.023	22,500	.015
12,500	.022	25,000	.014
13,500	.021	30,000	.008
14,300	.020	35,000	.007
15,000	.019	40,000	.007
16,000	.018	45,000	.006
17,500	.017	50,000	.006
18,000	.017		

Any above resistors Net each \$.38

20 WATT BROWN DEVIL
Core 2" x 7/16".

Ohms	Max. Amps.	Ohms	Max. Amps.
20,000	.024	40,000	.014
25,000	.020	45,000	.013
30,000	.017	50,000	.012
35,000	.015		

Any above resistors Net each \$.65

55,000	.008	80,000	.007
60,000	.008	85,000	.006
65,000	.007	90,000	.006
70,000	.007	95,000	.006
75,000	.007	100,000	.006

Any above resistors Net each \$.84

OHMITE

ADJUSTABLE LUGS



Number	Diameter	Net
1058	5/16"	\$.08
0358	9/16"	.08
1958	3/4"	.12
2158	1 1/8"	.12

OHMS	OHMS	OHMS
0.47	33	2200
0.56	39	2700
0.68	47	3300
0.82	56	3900
1.0	68	4700
1.2	82	5600
1.5	100	6800
1.8	120	8200
2.2	150	10000
2.7	180	12000
3.3	220	15000
3.9	270	18000
4.7	330	22000
5.6	390	27000
6.8	470	33000
8.2	560	39000
10.	680	47000
12.	820	56000
15	1000	68000
18	1200	82000
22	1500	
27	1800	

1/2 WATT

Type BTS 470 ohms to 22 meg. Comp.
Type BW 1/2 .47 ohms to 820 ohms WW.

Net each \$.09

1 WATT

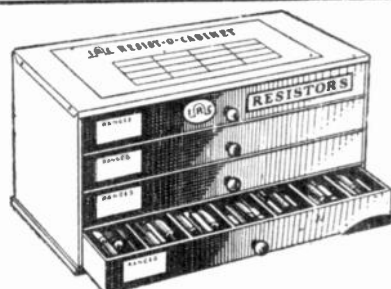
Type BTA 330 ohms to 22 meg. Comp.
Type BW 1 .47 ohms to 4700 ohms WW.

Net each \$.10

2 WATT

Type BT 2 470 ohms to 22 meg. Comp.
Type BW 2 1.0 to 6800 ohms WW.

Net each \$.15



RESISTOR KITS

Assortment #1 consists of 59 resistors: 8, 1/2 watt (1000 ohms to .47 meg.), 36, 1 watt (3900 ohms to .47 meg.), 8, 10 watt fixed (1000 ohms to 25000 ohms) and 4, 10 watt adjustable (1000-10000 ohms) Cabinet Included Free.

#1 Assortment Net \$ 8.84

Assortment #2 consists of 100 resistors: 6, BW 1/2 (47 to 270 ohms). 94 BTS 1/2 watt (3300 ohms to .47 megohms) Cabinet included Free.

#2 Assortment Net \$ 7.71

Assortment #3 consists of 83 resistors: 6 BW 1, 1 watt (47 to 270 ohms). 77 BTA, 1 watt (470 ohms to .47 meg.) Cabinet included Free.

#3 Assortment Net \$ 8.30

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

SO

PILOT LIGHT ASSEMBLIES

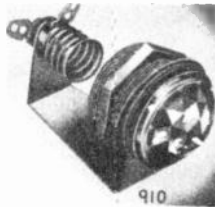
SERIES 867-S



Mounts in 11/16" hole. Permits 360° direction of beam. Uses standard bayonet miniature bulb easily removable from front. Less bulb.

No. 867-S Net \$.88

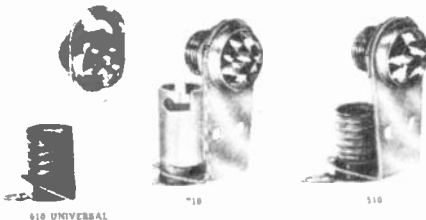
SERIES 910



1" faceted jewel assembly. Mounts in one inch hole. Bulb removable from front. Colors: Red, Green, Amber and Clear. Specify color. Less bulb.

Number	Uses Bulb	Net
910BF	Miniature Bayonet	\$.59
910SF	Miniature Screw	.59
910CF	Candelabra	.59
910JH	Jewel; includes bushing & nut. Specify color.	.51

SERIES 510, 610, 710



610 UNIVERSAL

Candelabra socket with long bracket to permit accurate focusing. Choice of Red, Green, Amber, Clear. Specify color. Less bulb.

No. 610-U Net each \$.21

510 - 710 SERIES

Miniature screw and bayonet sockets with choice of Red, Green, Amber or Clear jewel. Specify color. Less bulb.

Number	Bulb	Net
510-F	Miniature Screw	\$.20
710-F	Miniature Bayonet	.20
	Jewel only, choice of color.	.13



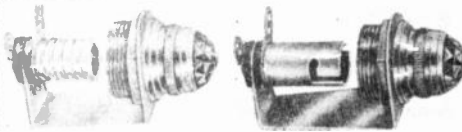
JOHNSON-MALLORY

Polished nickel hood with friction snap. 360° rotation. Miniature screw base. Less bulb.

No. 147-330 Net \$.47

DIALCO

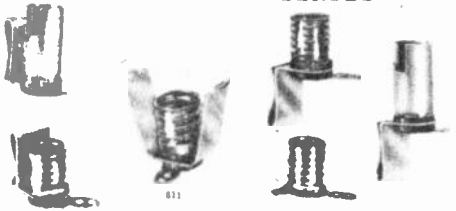
810 SERIES



1/2" faceted jewel bulb, removable from front of panel. Mounts in 11/16" hole. Colors: Red, Green, Amber, Clear. Less bulb.

Number	Uses Bulb	Net
810-MF	Miniature Screw	\$.30
810-BF	Miniature Bayonet	.30
810-JH	Jewel only, with bushing and mounting nut.	.21

500-600-700 SERIES



500 SERIES

Miniature screw base, 503 down-clip, 504 up-clip, 507 lug suspend, 1759 clip in. Any style,

Net each \$.07

600 SERIES

Candelabra base, 603 down-clip, 604 up clip, 611 clip-in. Any style,

Net each \$.10

700 SERIES

Miniature bayonet base, 703 down-clip, 704 up-clip, 707 lug suspend, 1760 clip-in. Any style,

Net each \$.07

"SURPRISE" TRADE-IN

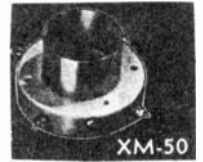
ALLOWANCES . . . Your Receiver may be worth far more than you think! Yes, the "Surprise" trade-in allowances offered by Walter Ashe on your used equipment are truly the Sensation of the industry. Act now. Get your trade-in deal working today. Simply write, wire or phone us what you have to trade. We'll take it from there.

ALL THE BIG NAME BRANDS OF AMATEUR SHORT WAVE RECEIVERS and TRANSMITTERS

Choose your favorite new Receiver, Transmitter or related apparatus from Walter Ashe's ample and varied stocks. Prices are right. Deliveries are prompt.

SOCKETS NATIONAL

TRANSMITTING SOCKETS



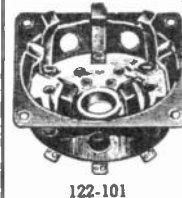
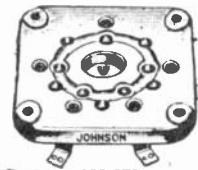
Number	Description	Net
HX-100	Giant 5 Pin-4-125A, etc.	\$1.98
XMA	Pentode Acorn, Built-in Cond.	1.32
XM-10	10 Watt H.D.	.90
XM-50	50 Watt H.D.	1.20

STEATITE SOCKETS



Number	Contacts	Net
XC-4	4	\$.36
XC-5	5	.39
XC-6	6	.42
XC-7S	7	.45
XC-7L	7	.45
XC-8	8	.39

E. F. JOHNSON



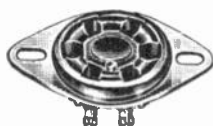
Number	Description	Net
123-209	4 Pin-Wide space	\$.68
123-210	4 Pin-Regular space	.65
123-211	Jumbo, 50 watt, base mtg.	.94
123-211F	front panel.	2.47
123-213	Eimac tubes	1.18
122-237	7 Pin Giant-RCA 813	.65
122-247	Same as above with base shield.	.73
121-265	Acorn socket	.65
122-275	Giant 5 pin-4-125, PK-48	1.03
122-101	7 Pin-826-829-832 tubes	1.76

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

AMPHENOL

REPLACEMENT - BAKELITE



Mounting Centers 1 1/2" to 1 7/8"

Number	Contacts	Net
78-RS-4	4	\$.08
78-RS-5	5	.08
78-RS-6	6	.08
78-RS-7 Small	7	.08
78-RS-7 Large	7	.08
78-RS-7 Comb.	7	.11
78-RS-8 Octal	8	.11
78-RS-9	9	.13
78-RS-11	11	.18
78-RS-8 Locctal	8	.11

"MIP" MOLDED IN PLATE



20-CONTACT

1/2" Mounting Centers

Number	Contacts	Net
77-MIP-4	4	\$.07
77-MIP-5	5	.07
77-MIP-6	6	.07
77-MIP-7 Large*	7	.08
77-MIP-7 Small	7	.07
77-MIP-8 Octal	8	.08
77-MIP-9	9	.11
77-MIP-11	11	.14
77-MIP-12	12	.18
77-MIP-20	20	.37

* Mounts in 1 9/32"

STEATITE



Mounting Centers 1 1/2" to 1 7/8"

Number	Contacts	Net
49-RSS4	4	\$.29
49-RSS5	5	.29
49-RSS6	6	.29
49-RSS7 Small	7	.29
49-RSS7 Large	7	.35
49-RSS8 Octal	8	.29

MINIATURE BAKELITE



78-7P 78-5H 78-S3S
78-5P

Mounting Hole 5/8"

Number	Contacts	Net
78-7P RCA	7	\$.13
78-5P Raytheon	5	.13
78-5H Bantam Jr.	5	.13
78-6H Bantam Jr.	6	.13
78-S3S Photocell	3	.10
59-409 Bantam	9	.23

SOCKETS AMPHENOL

MINIATURE POLYSTYRENE

Mounting Hole 5/8"



Number	Contacts	Net
54-5H	5	\$.25
54-6H	6	.25
54-7-P	7	.25

MINIATURE WITH SHIELD



A new development which incorporates socket and shield for miniature tubes.

No. 147-070-24 Net \$.35

U. H. F. POLYSTYRENE SOCKETS



Octal



Locctal

1/2" Mounting Centers

Number	Contacts	Net
54-8 Octal	8	\$.29
54-8-L Locctal	8	.32

STEATITE MAGNAL SOCKET

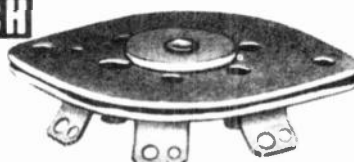
Mounts in 1 5/8" hole.



Number	Contacts	Net
49-SS11-L	11	\$.72

WAFER SOCKETS

CINCH



Mounting Centers 1 1/2"

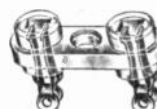
Number	Contacts	Net
X-154	4	\$.07
Y-154	5	.07
Z-154	6	.08
U-154 Small	7	.08
A-154 Large	7	.08
11C11961 Octal	8	.07
6908 Locctal	8	.08
2547* Miniature	7	.10

*Mounting Centers 7/8".



Number	Description	Net
9921	Ceramic wafer small 6 pin.	\$.50
9923	Ceramic wafer medium 7 pin.	.50
9924	Ceramic wafer octal 8 pin.	.60
9926	Photo tube.	.75
9928	For 833A tube.	7.50
9929	For 813-8001 tubes.	.75
9935	For 829-832 tubes.	6.95
9952	14 pin.	1.62
9963	Bakelite 11 pin.	5.00

CRYSTAL HOLDER SOCKETS

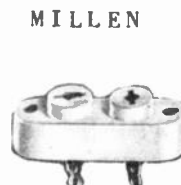


Amphenol

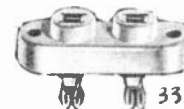
Made of 912⁸ Low Loss Polystyrene. For 3/4" spaced holders.

No. 54-2 Net \$.22

MILLEN



33102



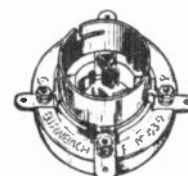
33202



33002

Made of steatite, good insulation, contact.

Number	Size	Net
33002	3/4" spacing .125 pins	\$.25
33102	.487" .095	.25
33202	1/2" .125	.25



Good porcelain insulation, heavy contacts.

No. 434	50 Watt	Net \$ 1.00
No. 435	10 Watt	.73

E B Y



Mounting Centers 1 11/16"

Number	Contacts	Net
12-4	4	\$.27
12-5	5	.27
12-6	6	.30
12-7-NO	7 Comb.	.33
12-8	8 Octal	.33



AMPHENOL INDUSTRIAL SOCKETS

These new octal sockets are designed to be used in laboratories and schools or for any application requiring a low loss quick connect and disconnect socket. No soldering necessary, handy screw type terminals. Barriers between contacts which are rated at 8 amps ea.

Number	Net
146-103 Without tie-point inserts	\$.84
146-104 With 4 inserts for tie-points.	\$ 1.15

ELECTRIC SOLDERING SOLDER MASTER

Stands included.

American Beauty

Number	Wattage	Net
S-76	50	\$3.27
3128	60	3.27
3138	100	5.25
3158	200	6.28
3178	300	8.42
3198	550	10.96

COPPER TIPS

Number	For Iron	Net
3734	S-76	\$.27
3728	3128	.27
3738	3138	.33
3758	3158	.73
3778	3178	1.27
3798	3198	1.46

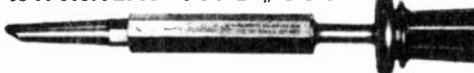
TEMPERATURE REGULATING STANDS



Thermostat control regulator for irons while at rest. Thermostat may be set at any desired temperature. Handles up to 660 watts. For AC only. No. 475 Net \$ 3.80

KWIKHEAT

KWIKHEAT TYPE #300



"Kwikheat" #300, 225 watts, AC only. Has built-in thermostat which brings iron to working temperature in 90 seconds. Tip easily replaceable.

No. 300 Net \$ 8.25

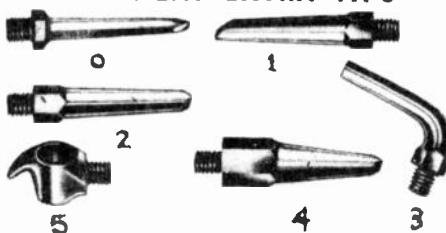
KOPPERKORE TYPE #100



"Kopperkore" #100. Made by the makers of the "Kwikheat" iron. High quality conventional iron without thermostat control. Ideal for home use, light work, radio etc. Rated at 100 watts AC or DC.

No. 100 Net \$ 5.44

KWIKHEAT EXTRA TIPS



Any above styles, Net each \$.94

ELECTRIC SOLDERING IRONS

Underwriters Approved



High grade economy priced line of irons. Tips held in by set screw.

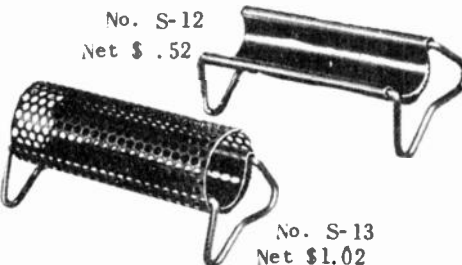
Number	Wattage	Net
71	80	\$ 2.74
101	100	3.09
201	200	5.49

TIPS

Number	For Iron	Net
171	71	\$.35
211	101	.46
221	201	.81

STANDS

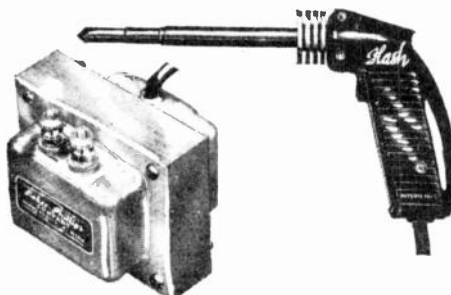
No. S-12
Net \$.52



No. S-13
Net \$1.02

Baker-Phillips

Flash GUN



New pistol type trigger control gun. Heats up in 6 seconds. May be operated from 6-12 volt battery or 110 volt transformer.

No. SF-100	Net \$ 3.11
No. HD-520	Transformer for above \$3.40
No. 75	110 volt AC or DC operation 3.24
Extra tips for above	.30



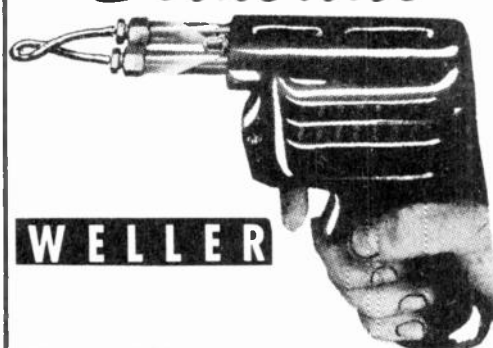
Number	Wattage	Net
1960-A	60	\$ 2.94
1962-A	85	3.82
1961-A	115	4.41

REPLACEMENT TIPS

Number	For Iron	Net
1970	60	\$.36
1972	85	.47
1971	115	.59

IRONS

Solderlite



WELLER

The new Weller soldering guns offer the latest time-saver in soldering. A light from the tip illuminates the point of soldering. These time tested irons heat in 5 seconds and makes soldering easy. Tips easily replaceable. Two models available; Single heat and Dual heat.

Model S-107 Single heat	Net \$ 12.95
Model D-207 Dual heat	14.95
No. 7328 Standard tip, (6 to pkg.)	.35
No. 7329 Longlife tip, (6 to pkg.)	.50

SOLDERING PENCIL



25 W-110 V. 1/4" tip with set screw. 6 ft. cord.

No. 230 Net \$ 1.47

KESTER



Rosin or Acid Filled

1 lb.	Net \$.83
5 lb.	3.95
Handy tin (Rosin only)	.17
Soldering Paste, 2 oz. tin.	.11

TINNED SOLDERING LUGS



No. 1	Net per 100, \$.26
No. 2	Net per 100, .26
No. B-3	Net per 100, .97
No. 5	Net per 100, .26
No. 8 Heavy Duty,	Net per 100, .43
No. 10 Heavy Duty,	Net per 100, .38

NON-STICK IRON TIP COMPOUND



"Made with Graphite" A new development. Prevents iron tips from burning into soldering irons. Saves tips and irons.

No. 1201—2 oz. bottle

Net \$.21

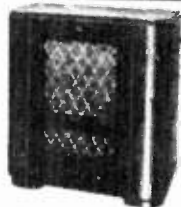
Soldering Lugs



No. 1019 —50 Asst'd.

Net \$.24

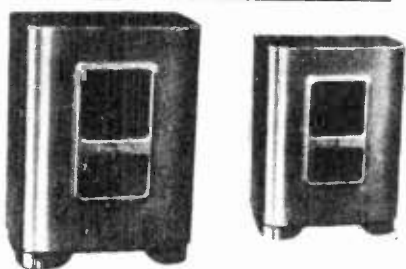
Jensen REPRODUCERS



CABINETS

These handsome enclosures are now available with Jensen coaxial speakers listed elsewhere. Model D-121 & D-151 are beautifully styled, all walnut satin finished. Bass Reflex design. Model D-121 for 12" speakers. Model D-151 for 15" speakers. Both cabinets same size, 13 3/8" deep, 27 7/8" high, 31 3/8" wide.

Number	Includes Speaker	Net
RD-151	HNP-51	\$ 138.52
RD-152	JAP-60	112.38
RD-153	JHP-52	103.88
RD-122	JCP-40	78.40
Model "D-151-15"	Cabinet only	49.00
Model "D-121-12"	Cabinet only	49.00



Type "B" enclosure for those who desire an inexpensive but durably built cabinet. Well constructed of impregnated composition board and finished in hammered brown lacquer. Three sizes available: 15", 12" and 8".

Number	Includes Speaker	Net
RB-151	HNP-51	\$ 121.20
RB-152	JAP-60	95.06
RB-153	JHP-52	83.30
RB-121	JCP-40	54.88
B-151	Cabinet only for 15" spkr Size: 32 3/8" high, 27 3/8" wide, 13 1/2" deep.	31.70
B-121	Cabinet only for 12" spkr. Size: 27" high, 24 1/2" wide, 13 1/2" deep.	25.48
B-81	Cabinet only for 8" spkr. Size: 24" high, 18" wide, 9 1/2" deep.	16.34

JENSEN

TRANSFORMERS

ADJUSTABLE IMPEDANCE

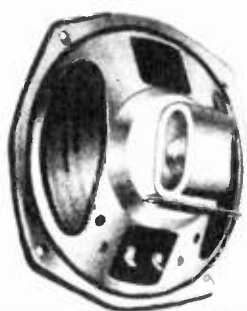
For matching conventional plate impedance values. Adjustments easily made with flexible lead and pin tip jack. Impedance: Voice coil, 4500, 7000, 10000, 14000. All CT but voice coil. Mountable on speaker.

Number	Impedance	Size	For	Net
ZX-1005	6-8	7/8" x 7/8"	P15-Q, P12-P, P12-Q, P12-QH, P12-R, P12-S, JCP-40, etc.	\$ 4.23
ZX-1002	6-8	3/4" x 3/4"	P12-T, P10-S, P10-T, P8-R, P8-S, P8-SH, P8-T	2.94
Same as above but will match line impedances. Impedances: 500, 1000, 1500, 2000 and VC.				
Number	Impedance	Size	For	Net
ZY-4001	16	1" x 1 1/4"	UH-20, UH-24	\$ 8.97
ZY-2003	6-8	7/8" x 7/8"	P15-Q, P12-P, P12-Q, P12-QH, P12-R, P12-SH, JCP-40, etc.	4.23
ZY-2002	6-8	3/4" x 3/4"	P12-T, P10-S, P10-T, P8-R, P8-S, P8-SH	2.94

WRIGHT

PERMANENT MAGNET

All Wright speakers are "Verified" guaranteed against mechanical defect.



Number	Size	Watts	Voice Coil	Net
NP-468	4"	3-4	4 Ohms	\$ 2.00
NP-535	5"	4-5	3.2	2.23
NP-635	6"	5-6	3.2	2.58
NP-7316	7"	6-8	3.0	4.94
NP-810	8"	8-9	5.7	5.00
NP-1016	10"	10-12	5.7	7.06
P-1221	12"	12-14	5.7	9.20

SUPERIOR

RE-ENTRANT TRUMPET



This new re-entrant trumpet is complete with unit which will carry up to 55 watts without blasting. Horn is heavy gauge non-corrosive aluminum. New plastic diaphragm eliminates internal trouble. No peaks or blasting. Alnico "5" magnet. Frequency response 130-5000 cps. Air column 3 1/2 ft. Bell diameter 15". Dispersion 80°, 8 ohm impedance. Projection 1/2 mile. Finish, two-tone crystalline. GUARANTEED FOR ONE YEAR.

No. S-35 Net \$ 29.97

ATLAS



A weather-proofed hermetically sealed unit in re-entrant projector. Diaphragm of unbreakable phenolic. Voice coil 8 ohms. Will handle 12 watts. Bell diameter 8 1/2". Overall depth 8 1/2". Grey enamel finish. Complete with bracket.

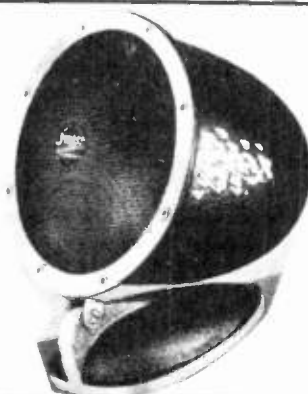
No. HU-15 Net \$ 20.00

JENSEN

SPEECH MASTER

Exceptional performance on speech with better than average results on music. Can be used for paging systems, talk-back, monitor and any installation requiring good compact unit, voice coil 4 ohms.

No. AP-10 Net \$ 8.17



RADIO Cabinet Speaker GRILLE CLOTH

No.	Size	Net
940	18 X 20	\$.73
941	9 X 18	.35
942	12 X 12	.36
943	14 X 18	.41
944	24 X 13	.53
945	18 X 13	.41
946	8 X 8	.17
947	9 1/2 X 10	.18
948	6 X 6	.15

VOLUME CONTROLS

JENSEN "L" PADS

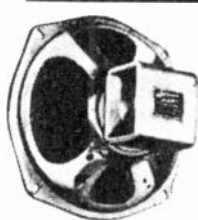
Complete with pointer knob and escutcheon.

No. ST-276	For 6 ohm V.C. 5 watt rating	Net \$ 1.29
No. ST-411	For 8 ohm V.C. 15 watt rating	1.76
No. ST-606	For 16 ohm V.C. 15 watt rating	1.76



SP

Standard



All have "Alnico 5" permanent magnets and dust proofed voice coils. Less transformer.

Number	Size	Voice Coil	Watts	Net
P-12-S	12"	6-8	10	\$ 9.70
P-12-T	12"	6-8	9	6.97
P-10-S	10"	6-8	9	8.97
P-10-T	10"	6-8	9	6.26
P-8-S	8"	6-8	8	7.20
P-8-V	8"	3-4	5	4.29
P-6-T	6"	3-4	6	4.56
P-6-X	6"	3-4	3	2.94
P-5-V	5"	3-4	3½	3.18
P-4-X	4"	3-4	2	2.44

Concert



Heavy duty high efficiency for all PA and radio uses. "Alnico 5" Permanent Magnet.

Number	Size	Voice Coil	Watts	Net
P-15-N	15"	8	17	\$ 32.34
P-15-Q	15"	8	14	21.76
P-12-N	12"	8	15	28.81
P-12-R	12"	6-8	12	11.47

Special



These extended range speakers provide excellent high fidelity performance up to 10000 cps. Designed for home and studio use. "Alnico 5" Permanent Magnet.

Number	Size	Voice Coil	Watts	Net
P-15-NH	15"	8	16	\$ 33.66
P-12-NH	12"	6-8	9	10.59
P-8-SH	8"	6-8	7½	8.35

JENSEN ACCESSORIES

MOUNTING BASE

Three leg base fitting for mounting horn on wall or other surface.

No. EA-6 Stand Net \$ 1.76

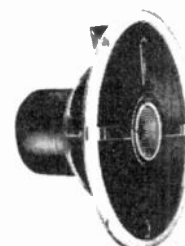
SUPPORT

Provides adjustment when horn is mounted on pipe mast. ½" threads at both ends.

No. EA-7 Support Net \$ 1.18

Jensen

Coaxial



HNP-51 (15-Inch) JAP-60 (15-Inch) JCP-40 (12-Inch) JHP-52 (15-Inch)

The finest Jensen coaxial speaker. For all high quality installation in FM receivers, studio, etc. Combines cone type low frequency speaker with horn for high frequency "Alnico 5" magnets, 15" cone. Frequency response 50-15000 cps. Maximum input 25 watts. High efficiency. Input impedance 500-600 ohms. Integral two channel type network. "Roll-Off" type H.F. control with 4 position switch.

No. HNP-51 Net \$ 81.47

A high quality 15" coaxial speaker for use in FM-AM receivers, phonographs and similar applications. Frequency range 50-15000 cps. Maximum input 17 watts. Input impedance 500-600 ohms. Two channel network with "roll-off" 4 position switch. Permanent Magnet.

No. JAP-60 Net \$ 55.54

For FM-AM receivers and phonographs where slightly less smooth response throughout the entire range than available in HNP-51 and JAP-60 can be tolerated. Range 50-15000 cps. Input 14 watts. Input impedance 500-600 ohms. Same network and controls as above speakers. Permanent Magnet.

No. JHP-52 Net \$ 47.04

A 12" coaxial speaker for radio, phonograph or modernizing. Range 50-12000 cps. Input 10 watts. Input impedance 6-8 ohms. Simple "bridging" network.

No. JCP-40 Net \$ 17.64

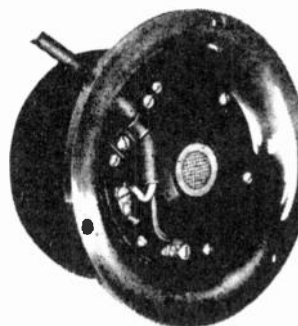
HYPEX PROJECTORS



Especially suitable for all outdoor and indoor uses. New flare formula gives increased efficiency. Two sizes available, less speaker unit.

	H-20	H-24
Air column	4 Ft.	5 Ft.
Bell Diam.	20½"	24½"
Overall	16½"	20½"
Cutoff	165' CPS	140' CPS
Net	\$ 16.46	\$ 21.05

DRIVER UNIT



Designed particularly for above trumpets, these units fit on rear with security & are weather-proofed with approved gaskets. Will handle 25 watts maximum. Voice coil 16 ohms. Frequency range 200-5000 cps. "Annular" diaphragm, permanent magnet. Dust-proofed sound chamber.

No. U-20 Net \$ 24.11

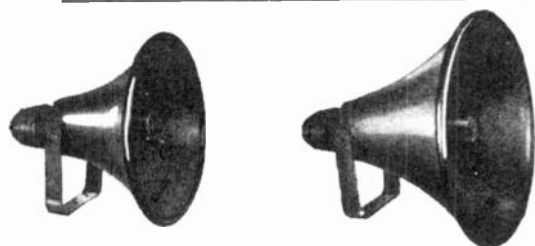
U-20

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

UNIVERSITY LOUDSPEAKERS

REFLEX LOUDSPEAKER TRUMPETS



Made of heavy gauge metal and finished with corrosion resistant gray paint. Rubber damped rims. 100% weather-proofed. 4 sizes available. Less speaker unit but with bracket.

Description	Model "SMH"	Model "PH"	Model "LH"	Model "GH"
Dispersion	75°	80°	90°	90°
Air Column	2½ ft.	3½ ft.	4½ ft.	6 ft.
Low Fr. Cutoff	200 cps	150 cps	120 cps	85 cps
Diameter	15½"	20"	25½"	30"
Length	12"	15"	18½"	25"
Net	\$ 14.41	\$ 17.05	\$ 26.17	\$ 40.86

BREAKDOWN-PROOF DRIVER UNITS



Highest quality permanent magnet types. Complete protection from the elements.

	Model "PAH"	Model "SAH"	Model "MAH"
Output Watts	25 cont.	25 cont.	12 cont.
Voice Coil	16 ohms	16 ohms	8 ohms
Freq. Response	80-6000	90-6000	100-6000
Net	\$ 31.16	\$ 21.76	\$ 14.70

ACCESSORIES

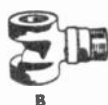


Figure "A"

Tripod for any above horns. Extends to 10 ft. Single lever adjustment. Folded length 43".

Number TS-10

Net \$ 23.52



B

Figure "B"

Connector to use two speaker units on horn.

Number 2-YC

Net \$ 5.88



C

Figure "C"

Adaptor to fit "U" bracket of horns to ½" pipe threads.

Number PMA

Net \$.88

INDUSTRIAL PAGING SPEAKERS



"CR"

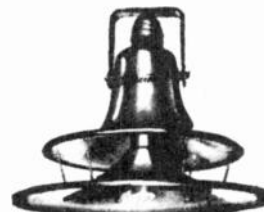


"IB8 and MIL"

Directional models for paging and small PA systems. Weather-proof, hermetically sealed units.

	Model "CR"	Model "IB8"	Model "MIL"
Dispersion	120°	90°	90°
Voice Coil	16	8	8
Watts	18	12	5
Freq. Response	250-6000 cps	300-6000 cps	400-9000 cps
Diameter	11"	9"	6½"
Length	9"	9"	7"
Net	\$ 24.70	\$ 20.00	\$ 14.70

RADIAL REFLEX PROJECTORS



Air column horns with 360° coverage. Both rims rubber covered to combat vibration. Good for music or speech. Use any driver units listed above. Less unit.

Number	RLH	RPH	RSH
Bell	28½"	25"	18½"
Length	18½"	14"	11"
Freq. Cutoff	120 cps	150 cps	180 cps
Net	\$ 34.69	\$ 26.46	\$ 22.64

RADIAL CONE-SPEAKER

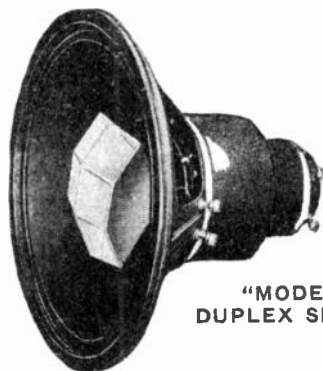


Compact and efficient units consist of acoustic chamber for housing cone speaker. 360° coverage. All metal, rubber cushioned. Will shed water. RBP-12 cutoff 60 cycles, RBP-8 cutoff 90 cycles. Less speaker.

Model	RBP-12	RBP-8
Diameter	27"	18"
Height	11"	9"
Speaker Size	12"	8"
Net	\$ 20.58	\$ 11.54

TRY OUR FAST AND RELIABLE PHONE ORDER SERVICE, JUST CALL CHESTNUT 1125 AND WE'LL TAKE IT FROM THERE.

Altec Lansing



"MODEL 604
DUPLEX SPEAKER"

ALTEC LANSING SPEAKERS

The Altec Lansing Model 604 Duplex & associated N-2000-B network represents the finest loud speaker on the market. Finest available for professional and laboratory standards. 2-way operation utilizes separate diaphragm and voice coil for high and low frequencies. "Alnico 5" permanent magnets. Large 3" low frequency voice coil. Frequency response more than spans FM range of 50 to 15,000 cycles. Ideal 180°, constant resistance, parallel type electrical dividing network having an attenuation of 12 db per octave on either side of 2000 cycle crossover. Model 604 Loudspeaker and associated N-2000-B network are available separately or can be supplied together. The Duplex Loudspeaker meets the critical requirements of broadcast and recording studio monitoring, high quality public address and music distribution systems.

Voice Coil Impedance	20 ohms
Dividing Network Impedance	20 ohms
Dividing Network Crossover	2000 Cyls
Power Rating	30 watts
Weight	35 lbs.
Diameter	15-3/16"
Depth	11 1/2"

Net \$ 157.50



N-2000-B Network. Voice coil & dividing network impedance 20 ohms. Dividing network crossover frequency 2000 cycles. Rated at 30 watts.

'N-2000-B

Net \$ 30.00



MODEL 600
DIAZONE
SPEAKER

The Altec Lansing Model 600 Diacone speaker is similar in design to the 603 Multicell Diacone except that it is a 12" speaker and does not have a multicellular horn.

Voice Coil Impedance	10 ohms
Voice Coil Diameter	3"
Power Rating	20 watts
Weight	12 lbs.
Diameter	12 1/4"
Depth	5 1/4"

Net \$ 45.00



MODEL 603
DIAZONE SPEAKER

The Altec Lansing 603 Multicell Diacone is an economical high quality speaker. Has the advantages of a 2-way multicellular speaker system, and its performance, efficiency, high frequency distribution, frequency response, and absence of distortion are surpassed only by the 604 Duplex. This speaker, which is an "Alnico 5" permanent magnet unit, incorporates a metal high frequency diaphragm and a low frequency cone coupled together by a mechanical dividing network and driven by a single 3" voice coil.

Voice Coil Impedance	20 ohms
Voice Coil Diameter	3"
Power Rating	25 watts
Weight	17 lbs.
Diameter	15-3/16"
Depth	6 5/8"

Net \$ 63.00

A-323 B AMPLIFIER

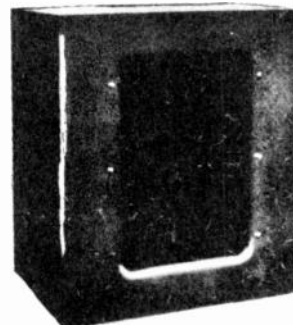


A general purpose amplifier designed for high quality reproduction of sound, music, speech. Flat frequency response ± 1 DB from 20 to 20,000 cycles. Full rated power output within 1 DB from 35 to 12,000 cycles. Two inputs, high impedance: one high gain, one low gain, with selector switch. Continuous variable low frequency tone control. High frequency equalization. Equalization in pickup stage designed for new GE and Pickering pickups. Can be converted for low impedance input through use of type TBB-103 plug-in input transformer.

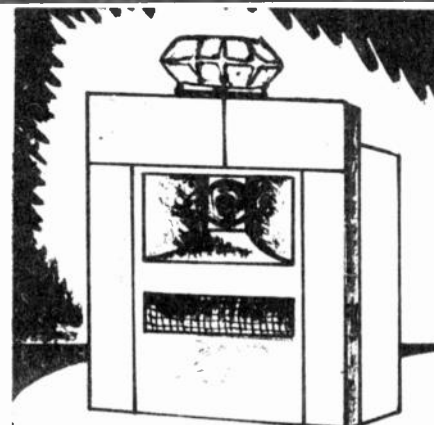
A-323B Amplifier with tubes, (Includes excise tax)	\$134.12
TBB-103 Transformer	29.00
10349 Cover for amplifier	8.50

These cabinets represent the ultimate in acoustical perfection. Construction is of heavy plywood with all joints screwed and glued to eliminate spurious rattles. Interior of cabinets are well padded with rock wool to prevent side reflections.

Model 605-A Finished in rich mahogany. Size: 36" high, 31 3/16" wide, 17 5/16" deep. \$ 135.00



Model 612 Utility cabinet, painted finish. Size 29 1/2" high, 23 1/2" wide, 17 1/2" deep. 47.50



AUDITORIUM SYSTEM

Model 800 speaker system is designed especially for the small auditorium which seats up to 1000 people. Famous Altec Lansing quality assures smoothest frequency response over entire range of recorded frequencies. Trouble free operating dependability insures economical operation. System includes theater design baffle for low frequency unit, high frequency multicellular horn and high frequency unit, dividing network and 15" low frequency speaker with "Alnico 5" permanent magnet. Overall frequency response 50-15,000 cycles. Output handling capacity, 20 watts. Overall dimensions: Height 67", width 50" depth 23". Shipping Weight, 296 lbs.

Net \$ 325.00

HORNS, BAFFLES and SPEAKER MECHANISMS



MI-6366

MI-6311

MI-6317

MI-4420

MI-4422

MI-6344

RCA HORNS AND UNITS

MI-6366 is a high quality re-entrant trumpet for outside use. Construction is of heavy aluminum casting and spun aluminum with non-vibratory material built into baffle to eliminate metallic ring. Will withstand vibration and outdoor exposure. Gray baked wrinkle weather-proofed finish. Complete with adjustable bracket for mounting. Will accommodate any RCA speaker mechanism. Air column $3\frac{1}{4}$ ft. Distribution angle 50° . Bell diameter $20\frac{1}{2}$ ". Overall length 19".

Number MI-6366 Horn, less unit Net \$ 18.79

MI-6311 Narrow Beam Trumpets where directional results are desired. Distribution angle 84° . Finish, gray. Overall length 22". Bell diameter $12\frac{1}{2}$ ". Will accommodate any RCA speaker mechanism.

Number MI-6311 Horn only, Indoor or Outdoor use. Net \$ 10.29
Number MI-6344 Horn only, for Indoor use only. 7.82

MI-6317 Miniature re-entrant speaker complete with 20 watt unit for Marine uses and installations which require efficient speaker to overcome high noise levels. Weather-proofed. Air column 6". Bell diameter $6\frac{1}{4}$ ". Overall length $4\frac{1}{4}$ ". Output, 20 watts. Voice coil, 15 ohms. Finish, dark umber gray.

Number MI-6317 Horn and unit Net \$ 19.61

MI-4420, MI-4422 are directional sound projectors made to accommodate standard cone speakers. Made of heavy gray aluminum. Light in weight yet sturdy. Brackets available. Finish, dark umber grey metallustre.

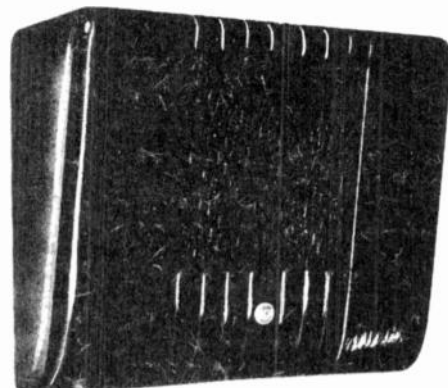
	No. MI-4420	No. MI-4422
For speaker size	12"	8"
Overall length	20"	16"
Bell diameter	17"	15"
Net	\$ 8.17	\$ 5.94



These new speaker mechanisms are of sturdy design and great sensitivity. Ideal for indoor and outdoor applications when used with trumpets listed above. All use "Alnico 5" magnets no field excitation necessary.

Number	Watts Capacity	Peak Watts	Voice Coil	Net
MI-6306-B	35	60	15 ohms	\$ 35.46
MI-6305-B	30	60	15 ohms	29.40
MI-6304-B	25	60	15 ohms	22.32
MI-6309-B	20	35	15 ohms	17.96

MI-4419 Mounting bracket and swivel for 4420-4422 baffle. Complete with base. Net \$ 2.94
MI-4418 Same as above but less base. 1.97



RCA

MOLDED SPEAKER HOUSINGS

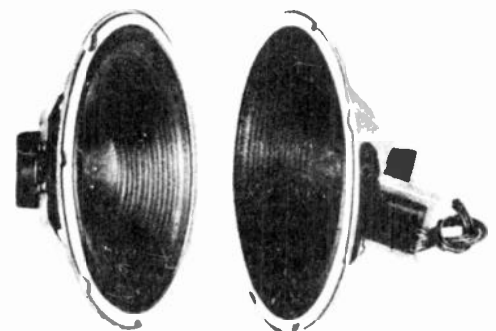
For all indoor installations, finished in dark umber grey hammeroid, silver grille cloth. Outstanding appearance. Brackets and hardware included.

Number	For	Net
MI-6382	12" speaker	\$ 6.03
MI-6381	10" speaker	6.03
MI-6380	8" speaker	4.74
MI-6379	6" speaker	4.74
MI-6378	5" speaker	4.74

RCA SPEAKER TRANSFORMERS

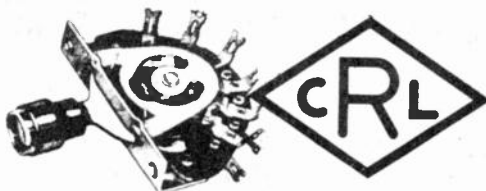
Number	Watts	Impedance	Net
12373	5	16000-8000-4000	\$ 1.85
12371	10	16000-8000-4000-2000-1000	3.12

RCA SPEAKERS



Number	Size	Watts	Net
MI-12421*	12"	10	\$ 15.55
MI-12422	12"	10	11.11
MI-12429*	8"	5	8.88
MI-12444	7 $\frac{1}{2}$ "	5	5.88

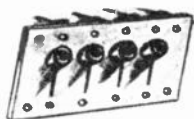
*Output transformer included.

CRL LEVER ACTION SWITCHES

Shorting Type

Number	Poles	Positions	Type	Net
1452	2	3	Positive	\$.73
1453	2	3	SP Return	.73
1456	4	2	SP Return	.73
1459	4	2	Positive	.73
1466	2	3	SP Return	.73

Non-Shorting

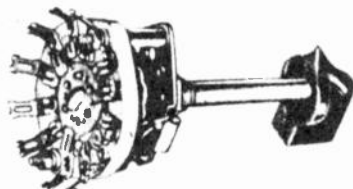
1454	2	3	Positive	.73
1455	2	3	SP Return	.73
1457	4	2	SP Return	.73
1458	4	2	Positive	.73
1467	2	3	Positive & SP Return	.73

CRL SWITCH PLATES

Vertical

Number	No. of Switches	Net
P-1755	1	\$.15
P-1756	2	.24
P-1757	3	.30
P-1758	4	.36
P-1759	5	.45

Horizontal

P-1760	2	.24
P-1761	3	.30
P-1762	4	.45
P-1763	5	.45

CRL STEATITE SWITCH


Includes adjustable stop and knob. All types are non-shortening.

Number	Poles	Positions	Sections	Net
2501	1	2 to 6	1	\$1.32
2503	1	2 to 11	1	1.32
2505	2	2 to 5	1	1.32
2507	3	2 to 3	1	1.32
2511	2	2 to 6	2	2.06
2513	2	2 to 11	2	2.06
2515	4	2 to 5	2	2.06
2517	6	2 to 3	2	2.06
2521	3	2 to 6	3	2.94
2523	3	2 to 11	3	2.94
2525	6	2 to 5	3	2.94

TRANSMITTER SWITCHES

For all ham H.F. uses. All have four positions, 90° apart. Adjustable stop and knob included.

Number	Poles	Sections	Net
2542	1	1	\$ 1.32
2543	2	2	2.06
2544	3	3	2.94
2545	4	4	3.53
2546	5	5	4.41

SWITCHES

MULTI-GANG

Non-Shorting Type Cat. No.	No. of Circuits per Section or Gang	Total No. of Circuits per Switch	No. of Points or Contacts per circuit	No. of Sections or Gangs per Switch	Net
1316L	1	1	6	1	\$.77
1311L	1	1	11	1	.90
1315L	2	2	5	1	.97
1313L	3	3	3	1	1.06
1312L	4	4	2	1	1.12
1326L	1	2	6	2	1.26
1321L	1	2	11	2	1.35
1325L	2	4	5	2	1.55
1323L	3	6	3	2	1.65
1322L	4	8	2	2	1.74
1336L	1	3	6	3	1.71
1331L	1	3	11	3	1.84
1335L	2	6	5	3	1.94
1346L	1	4	6	4	2.14
1341L	1	4	11	4	2.32
1345L	2	8	5	4	2.71
1351L	1	5	11	5	2.87
1356L	2	10	6	5	3.58
1361L	1	6	11	6	3.41
1366L	2	12	6	6	4.35

SINGLE GANG


Non-Shorting Number	Number of Circuits	Contacts per Circuit	Adj. Stop	Net
3215J	1	5	No	\$.58
32112J	1	12	No	.58
3222J	2	2	No.	.58
3223J	2	3	No	.58
3226J	2	6	No	.58
3234J	3	4	No	.71
3242J	4	2	No	.68
3243J	4	3	No	.71
32117J	1	17	Yes	1.06
3229J	2	9	Yes	1.06
3236J	3	6	Yes	1.16
3263J	6	3	Yes	1.16

JACK SWITCHES

TWO POSITION

Number	Circuit Arrangement	Net
720	S.P.S.T.	\$.55
730	S.P.D.T.	.67
740	D.P.S.T.	.73
745	5 Springs, 2 break and 1 make	.88
760	D.P.D.T.	.97
733	3-Pole, S.T.	.97
744	4-Pole, S.T.	1.26

THREE POSITION

732	S.P.D.T. Center off	\$.67
762	D.P.D.T. Center off	.94
763	3-Pole, D.T. Center off	1.23
764	4-Pole, D.T. Center off	1.53


PHONO SWITCH

Recommended for quickly attaching phonographs, FM, & Television units, etc. to audio of set. Replacement for RCA 9824A.

No. 1740-B Net \$ 1.32

MALLORY

PUSH BUTTON

Number	Description	Net
2001	S.P. Make contact	\$.77
2002	S.P. Break contact	.77
2003	S.P.D.T.	.82
2004	2-Pole, Make 2 contacts	.94
2005	2-Pole, Break 2 contacts	.94
2006	2-Pole, D.T.	1.15
2007	2-Pole, Make 2-Break 1	1.03
2008	D.T. - Make before Break	1.29

SLIDE SWITCHES


Number	Throw	Net
1901	SPST	\$.18
1902	SPDT	.22
1903	DPST	.27
1904	DPDT	.33

ICA KNIFE SWITCH
Bakelite Base

Number	Throw	Net
1216	SPST	\$.50
1217	SPDT	.59
1218	DPST	.68
1219	DPDT	.79
1360	3PST	1.09
1220	3PDT	1.18
1221	4PST	1.47
1222	4PDT	1.77
1364	5PDT	2.06


Porcelain Base

Number	Throw	Net
235	SPST	\$.24
236	SPDT	.27
237	DPST	.33
238	DPDT	.47
239	3PDT	.65

TAP CHANGE SWITCH


8 position single pole continuous switch. Markings 1-2-3-4-5-6-7-8, or impedance 0-2-4-8-16-250-500.



Number	Marking	Net
36-1	1-8	\$.53
36-2	Impedance	.53

FEDERAL
ANTI-CAPACITY

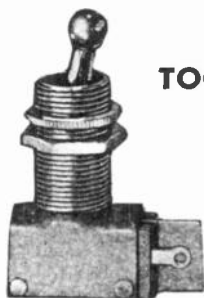

Positive action, silver plated phosphor bronze springs and contacts.

Number	Description	Net
1425	1PDT 6 Spring	\$ 1.84
1424	4PDT 12 Spring	2.18

OHMITE
BAND CHANGE


A high voltage transmitter or frequency change switch. Porcelain construction. May be ganged. 1kW.

No. BC3 Net \$ 2.52



TOGGLE SWITCHES

BALL HANDLE

Rated: 3 amps 125 V. or 1 amp 250 V.
15/32" Shank

Number	Type	Net per 10	Net Ea.
232	SPST	\$ 2.90	\$.33
233	SPDT	3.35	.38
234	DPST	4.50	.51
235	DPDT	4.76	.54

1" Shank

236	SPST	\$ 3.35	\$.38
237	SPDT	3.70	.42
238	DPST	4.96	.56
239	DPDT	5.20	.59

BAT-HANDLED TOGGLE



15/32" Shank

Number	Type	Net per 10	Net Ea.
240	SPST	\$ 2.90	\$.33
241	SPDT	3.35	.38
242	DPST	4.50	.51
243	DPDT	4.76	.54

MOMENTARY BAT HANDLE

15/32" Shank

Number	Type	Net per 10	Net Ea.
244	SPST-Normally off	\$ 4.23	\$.48
245	SPDT	4.68	.53
246	DPST-Normally off	5.82	.66
247	DPDT	6.09	.69

CAPACITOR COLOR CODE

(Radio Manufacturers' Association Standard)
CAPACITY IN MICROMICROFARADS

COLOR	SIGNIFICANT FIGURE	DECIMAL MULTIPLIER	TOLERANCE %	VOLTAGE RATING* (VOLTS)
Black	0	1	—	—
Brown	1	10	1*	100
Red	2	100	2*	200
Orange	3	1,000	3*	300
Yellow	4	10,000	4*	400
Green	5	100,000	5*	500
Blue	6	1,000,000	6*	600
Violet	7	10,000,000	7*	700
Gray	8	100,000,000	8*	800
White	9	1,000,000,000	9*	900
Gold	—	0.1	5	1000
Silver	—	0.01	10	2000
No Color	—	—	20	500

*Applies to capacitors only.



EXAMPLE: 1st Dot Red 2nd Green 3rd Brown
Capacity is 750 mfd
WITH THREE DOTS ONLY
Voltage Rating: 500 volts ± 20% tolerance usually ± 20%

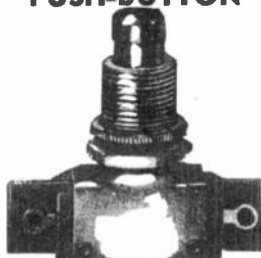
OHM'S LAW

$$E = IR \quad R = \frac{E}{I} \quad I = \frac{E}{R}$$

where:

R = resistance in OHMS
I = current in AMPERES
E = electro-motive force in VOLTS

SWITCHES PUSH-BUTTON



MOMENTARY PUSH BUTTON

9/16" Shank

Number	Type	Net per 10	Net Ea.
248	SPST-Push to Make	\$ 3.44	\$.39
249	SPST-Push to Break	3.44	.39

SLOW MAKE - QUICK BREAK

This switch is momentary contact, one circuit is "on" and the other is normally "off". Push-in button reverses circuit.

No. 250	Net per 10	Net Ea.
	\$ 4.68	\$.53

POWER SWITCHES



BALL TOGGLE

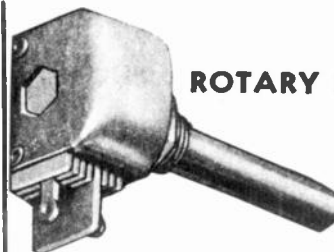
Rated at 12 amps 125 volts or 6 amps 250 volts and 1 HP.

No. 251	IPST	\$ 5.82	\$.66
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PUSH BUTTON

Same type as above but push button. Each set of contacts rated at 12 amps 125 volts or 6 amps 250 volts. Intended for use as safety switch on rack cabinets, etc.

No. 252	DPST	\$ 8.59	\$.97
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ROTARY SWITCHES

Laminated body, 3/8" threaded shank, 1 1/8" shaft.

Number	Type	Net per 10	Net Ea.
254	SPST	\$ 3.35	\$.38
255	SPDT	5.29	.60
256	DPST	5.82	.66
257	DPDT	7.23	.82

POWER SWITCH



Will handle 5 amps 250 volts or 10 amps 125 volts.

No. 253	SPST	\$ 4.96	\$.56
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EXTRA HEAVY DUTY SWITCH



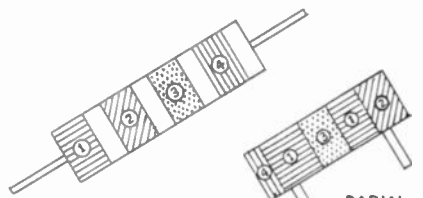
DPDT with neutral center. Extra large heavy duty switch for use in heavy current circuits such as transmitters, motors etc. Fast break reduces tendency to arc.

No. 254	DPDT	\$ 20.70	\$ 2.35
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RESISTOR COLOR CODE

(RMA Standard)

(SEE COLOR CHART UNDER CAPACITORS FOR MULTIPLIERS)



RADIAL LEADS	AXIAL LEADS	COLOR
Band (1)	Band (1)	Indicates 1st significant figure & tolerance in ohms
Band (2)	Band (2)	Indicates 2nd significant figure
Band (3)	Band (3)	Indicates decimal multiplier
Band (4)	Band (4)	If any, indicates tolerance in percent

Resistance in Series is the total of all resistors.

Resistors in Parallel, where all resistors are of equal value in ohms, divide ohms of one resistor by number of resistors.

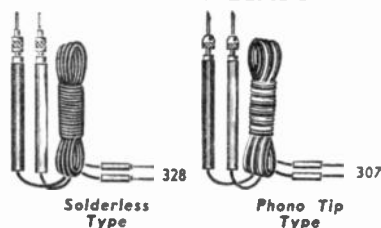
INTERNATIONAL MORSE CODE

A	• —	1	• — — —
B	• • • •	2	• • — —
C	• • • •	3	• • — —
D	• • • •	4	• • • •
E	• • • •	5	• • • •
F	• • • •	6	• • • •
G	• • • •	7	• • • •
H	• • • •	8	• • • •
I	• • • •	9	• • • •
J	• • • •	0	• • • •
K	• • • •	Period	• • • •
L	• • • •	Comma	• • • •
M	• • • •	Interrogation	• • • •
N	• • • •	Quotation Marks	• • • •
O	• • • •	Exclamation	• • • •
P	• • • •	Colon	• • • •
Q	• • • •	Semicolon	• • • •
R	• • • •	Parenthesis	• • • •
S	• • • •	Fraction Bar	• • • •
T	• • • •	Break	• • • •
U	• • • •	Error	• • • •
V	• • • •	End of Message	• • • •
W	• • • •	End of Transmission	• • • •
X	• • • •	Wait Sign	• • • •
Y	• • • •		
Z	• • • •		

T

Test Leads - Prods

PHONO-NEEDLE AND PHONE TIP TEST LEADS



Phono needle test prods with 48" leads. Phone tip other end.

No. 307 Net \$.59

Solderless prods with 48" leads, phone tips other end.

No. 328 Net \$.59

NEEDLE POINT TEST PRODS

REMOVABLE
PHONO-NEEDLE CHUCK



plastic. Non-breakable

Number	Color	Length	Net
315	Red	4"	\$.21
316	Red	6"	.24
317	Black	4"	.21
318	Black	6"	.24

SOLDERLESS TEST PRODS



Number	Color	Length	Net
323	Red	4"	\$.21
324	Red	6"	.24
325	Black	4"	.21
326	Black	6"	.24

INSULATED SOLDERLESS

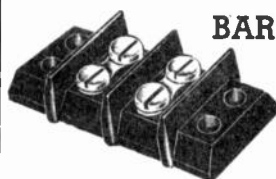
PHONE TIP PLUG



Number	Net
202	Overall 2 3/16" Red, Blk, Green, Yellow \$.13

Terminal Strips

BARRIER STRIPS

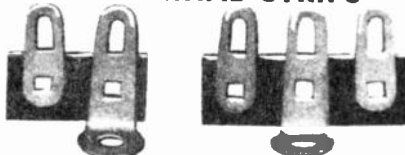


JONES

Number	Points	Net
1-142	1	\$.13
2-142	2	.19
3-142	3	.28
4-142	4	.36
5-142	5	.42
6-142	6	.50
7-142	7	.59
8-142	8	.65
9-142	9	.73
10-142	10	.81

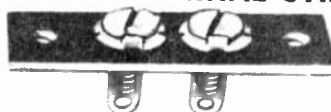
Larger sizes on order. Write for price.

LUG TERMINAL STRIPS



Number	Lugs	Net
1510-A	2	\$.02
1520-A	3	.03
1532-A	4	.04
1542-A	5	.05
1540-A	6	.06
1551-A	7	.06
1560-A	8	.07

BAKELITE TERMINAL STRIPS



Number	Lugs	Net
1787	1	\$.03
1781	2	.05
1783	3	.07
1774	4	.09
1775	5	.11
1776	6	.13
1770	7	.16
1780	8	.19

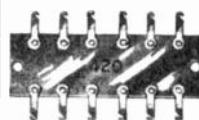
I. C. A. TERMINAL STRIPS

Black bakelite base with terminals spaced 1/2" apart.



Number	Terminals	Net
2420	2	\$.11
2414	3	.16
2413	4	.22
2405	5	.27
2404	6	.33
2412	7	.38
2410	8	.43
2424	9	.49
2422	10	.54

Bakelite Terminal Plates



J. W. MILLER

Supplied with securely riveted solder lugs for mounting resistors, bypass etc.

Number	Dimensions	Lugs per Side	Net
420	1" x 3"	6	\$.18
430	1 3/4" x 2 1/2"	5	.21
440	1" x 5 3/4"	14	.30
450	1 3/4" x 3 3/4"	8	.30
460	1 3/4" x 5 1/4"	11	.42
470	1 3/4" x 8 3/8"	19	.59

TERMINAL LUGS



No. 24256 Lug, complete with screw.

Net ea. \$.05



Combination high voltage terminal and feed through bushing.

Number	MILLEN	Net
31001	Red or Black	\$.40
37501	Low loss	.55

RADIO and ELECTRONICS

THE NEWS IS SPREADING FAST!



HAM GEAR • TEST EQUIPMENT • COMPONENTS • SUPPLIES

WALTER ASHE RADIO CO.

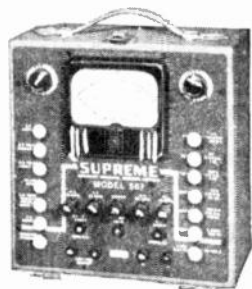
1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

S U P R E M E MULTI-RANGE



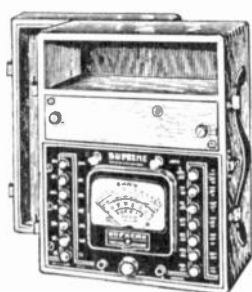
Model 574 Electronic Multimeter & set tester. Complete with high frequency probe for measuring AC voltages up to 100 MC. Push-button control of ranges. Large 4" meter. Meter reversing switch. DC voltage ranges, 0-1/2.5/50/250/500/2500. AC voltage ranges, 0-1/2.5/10/50/250, (with probe). Low frequency AC ranges, 0-1/2.5/10/50/250/500/2500. DCmA, 0-1/10/50/250. DC Amps, 0-1/10. DB, 5 ranges, -20 to +45. Ohmmeter, 7 ranges, 1/1000 to 1000 megs. In grey steel case, 110 VAC operation.

Model 574 Net \$ 66.10



Model 567. Newest deluxe portable set tester. Push-button selection of ranges. Double meter sensitivity. 7 DC voltage ranges of 1000 ohms PV & 20000 ohms PV; 0-5/5000. 7 AC voltage ranges, 1000 ohms PV, 0-5/5000. 7 Output ranges, same as above. 9 DC current ranges, 0-100 microamperes/50 amperes. AC current ranges, 3, 0-1/50. 5 DB ranges, -10/+49. Resistance, 7 ranges, 0-1/2 ohm/50 megohms. All batteries self-contained. Sturdy steel grey wrinkle carrying case.

Model 567 Net \$ 62.13



Model 592. Supreme's Deluxe Portable push-button tester, (with exception of 14 amp ranges). Double meter sensitivity on DC voltage ranges, 1000 ohms PV & 25000 ohms PV. Ranges: 0-3.5/7/35/140/350/700/1400. 8 DC current ranges, 0-7/14 amperes. AC voltage ranges, 0-7/35/140/350/700/1400. Output ranges, same as AC voltage ranges. 6 resistance ranges, 0-500/5000/50000/1/2 meg/5 meg/50 meg. (Self-contained batteries on all ranges) 4 DB ranges, 0 db to plus 46 db. Attractive carrying case.

Model 592 Net \$ 57.77



Large 7" meter, easy to read. 38 ranges. Ideal for bench or portable use. DC voltage ranges, 0-5/25/100/250/500/1000/5000 at 1000 ohms PV. AC and output ranges, same as above, 1000 ohms PV. 5 DB ranges, -10 to +49. 6 DC current ranges, 0-5, 0-1000 MA. 2 DC amp ranges, 0-10/25. 3 capacity ranges, 1.10-400 mfd. Resistance, 5 ranges, 0-2000/20 meg. Heavy steel case finished in grey wrinkle. Weight, 16 lbs.

Model 548 Net \$ 37.10

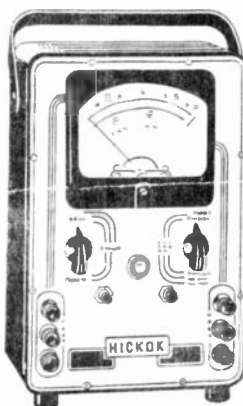


steel case with hinged cover to protect meter. Grey wrinkle finish. Weight 4 lbs.

Model 584 \$ 33.76

APPLIANCE TESTERS

HICKOK



Model 900-A readings of volts, amps, & watts on 3 1/2" scale. For checking all appliances including clocks, bell transformers, up to electric ranges. Has low range of 20 watts. Other ranges are as follows: Watts, 100/500/1000/2000. AC amperes, 0-1.3/6.5/13/26. AC volts, 0-130/260. AC milliamps, 0-260. Furnished with all leads for complete checking. In portable case with leather handle.

Model 900-A Net \$ 57.89

Simpson



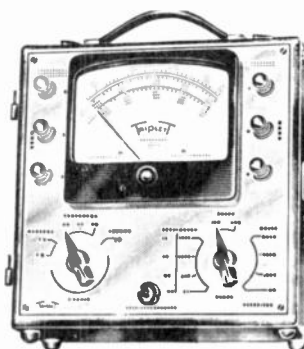
MODEL NO. 390
VOLT-AMP.
WATTMETER

Model 390. No larger than a man's hand, this new appliance tester is ideal for carrying on the job. Two ranges each of voltage & current & 4 wattage ranges. Volts, 0-150/300. Amps, 0-3/15. Watts, 0-300/600/1500/3000. In normal position meter indicates volts, amps & watts are obtained by pressing proper button. Binding post connections on panels. Accuracy, 5%. Bakelite case with all necessary leads & instructions.

Model 390 Net \$ 38.72

TRIPLET

VOLTS-AMPS-WATTS- TESTER



Model 2470. New advanced design for measuring wattage current & line voltage of all household appliances & small motors under actual operating conditions. Ranges: AC watts, 0-20/500/1000/2000 at 130 volts; 0-40/1000/2000/4000 at 260 volts. AC current, 0-.26/6.5/13/26 amps. AC-DC volts, 0-130/260. 5.6" Red Dot lifetime guarantee dynamometer type meter. Leads included. Metal case with hinged lid.

Model 2470 Net \$ 68.35

DUAL-METER APPLIANCE TESTERS



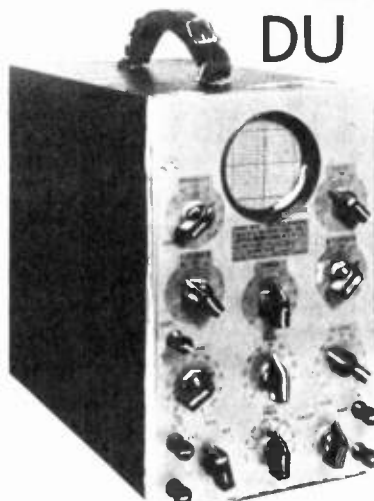
2000-2002

These Dual Meter Appliance Testers show wattage & voltage simultaneously. Model 2002, ranges: 0-1500/3000 watts AC-DC at 10 Amp normal, 20 Amp max., 40 amp momentary; 0-130/260 volts AC-DC. Model 2000-A, 0-750/1500 watts AC-DC, at 5 Amp normal, 10 Amp max., 20 Amp momentary; 0-130/260 volts AC-DC.

Model 2002 Net \$ 31.85
Model 2000-A 30.87

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

CATHODE-RAY OSCILLOGRAPHS DU MONT 164E

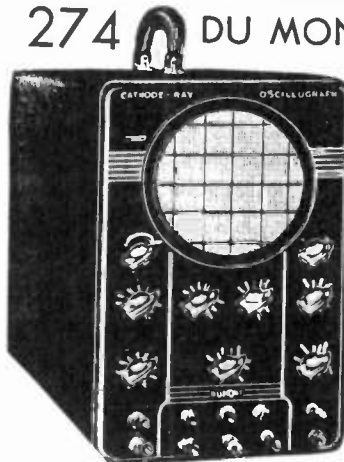


3" tube, 3AP1. INPUT IMPEDANCE: Vertical Axis: input terminals capacitively coupled to 1 meg input attenuator. Horizontal Axis: input terminals capacitively coupled to .8 meg circuit. Maximum input for either axis 400 VDC. FREQUENCY RANGE: Frequency response of both amplifiers uniform from 5 to 100000 sinusoidal cps. VOLTAGE GAIN: Vertical 43, Horizontal 55. Built-in sweep circuit, 15-300000 cps. Complete with all tubes and data. 110 VAC operation. Black wrinkle finish steel

case. Size: 11 5/8" x 7 3/8" x 14".
Model 164-E

Net \$ 115.00

274 DU MONT



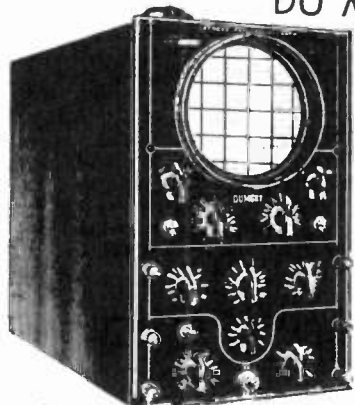
Inexpensive general purpose instrument for laboratory, production & radio service. Uses 5" tube, 5BP1A, for easy observation. Vertical & horizontal channels equipped with high-gain, one stage amplifiers, response 20 cps to 50 KC. Sweep circuit frequency 8 to 30 KCPS. Input impedance, 470K: 45mmf. Sensitivity, 10 RMS volts. 110 VAC operation. Dark green wrinkle finish steel case. Size: 14" x 8 5/8" x 19 3/8". Complete with tubes and instructions.

Model 274

Net \$127.50

DU MONT

208-B



Uses 5LP1 5" CR tube with 4 free deflection plates. INPUT IMPEDANCE: Amplifiers, X-Axis 5 meg, 25 mmf. Y-Axis 2 meg, 30 mmf. Continuous attenuator control. FREQUENCY RANGE: + or -10% from 2 to 100000 sinusoidal cycles. DEFLECTION SENSITIVITY: Maximum Y-Axis .010 RMS volt, X-Axis .5; direct. SWEEP CIRCUIT: Recurrent of continuously variable range from 2 to 50000 cycles.

Black wrinkle finish steel cabinet. Size: 15 3/4" x 8 7/8" x 20 1/4". 110 VAC operation.

Model 208-B

Net \$ 270.00

DU MONT ELECTRONIC SWITCH AND SQUARE-WAVE GENERATOR

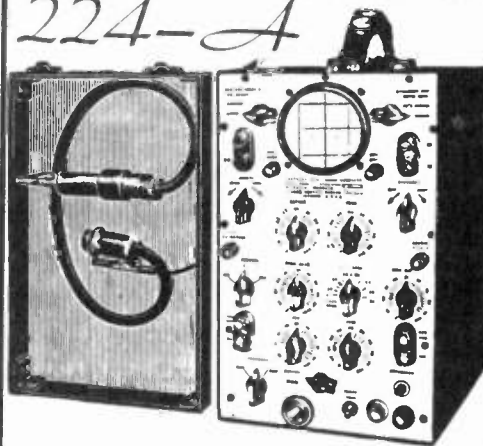
Used for observation of two or more independent signals on screen of a single CRO. FREQUENCY RANGE: Switching rate, continuously variable, 10 to 2000 times per sec. SQUARE WAVE GENERATOR: Continuously variable, 10 to 500 square wave cps. Complete circular on request.

Model 185-S

Net \$ 105.00

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

224-A DU MONT



Uses 3" type 3CP1 tube. INPUT IMPEDANCE: X & Y-Axis; terminals, 2 meg, 30 mmf; probe, 1 meg, 20 mmf; direct (balanced), 10 meg, 20 mmf; direct (unbalanced), 5 meg, 25 mmf. FREQUENCY RANGE: Sine wave response uniform within 3 db, "Y" Axis 20 cy. to 2 MC, "X" Axis from 10 cy. to 100 KC. SWEEP CIRCUIT: continuously variable from 15 to 30000 cps. Complete with all tubes in OD

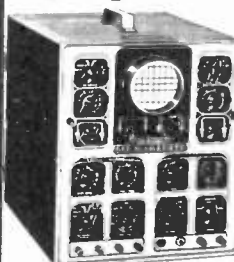
wrinkle finish steel cabinet with front cover. 110 VAC operation.

Model 224-A

Net \$ 290.00

HICKOK

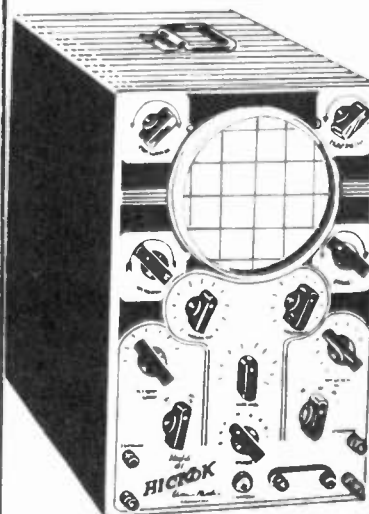
505



Model 505. Uses 5UP1 5" CR tube. DEFLECTION SENSITIVITY: Vert., .1 volt RMS per inch. Hor., .2 volts RMS per inch. Hor., direct: 15 volts RMS per inch. INPUT IMPEDANCE: Vert: 1 meg, 25 mmf. Hor: 4 meg, 25 mmf. Hor. direct: 3 meg. FREQUENCY RANGE: Linear sweep: 10 cy. to 25 KC. FM narrow band: 1000 KC. Sweep width, 0-30 KC. Mod-Fr. 60 cy. FM wide band: 50 MC. Amps., Ver. 30 cy. 1 MC. Hor., 10 cy.-50 KC. Has wide and narrow band FM oscillator, separate FM oscillator unnecessary. Signal tracer jack: Permits any signal being viewed to be heard by phones. Has self-contained mixer circuit. 110 VAC operation.

Model 505

Net \$ 162.29



MODEL 195

Model 195. Economy type 5" scope for servicing and industrial. FREQUENCY RANGE: Amplifier, Vert. 30 cy. to 50 KC. Hor., 10 cy. to 50 KC. INPUT IMPEDANCE: Vert., 1 meg, 25 mmf. Vert. direct, 2.2 meg. Hor. 4 meg, 35 mmf. Hor. direct, 2.2 meg. 110 VAC operation.

Model 195

Net \$ 129.36

HICKOK CRYSTAL DEMODULATOR PROBE

Type 34 probe when used with any CRO enables user to trace a modulated RF signal at any frequency up to 500 MC through a radio or television receiver from the antenna post to the detector or discriminator. Complete instructions with unit.

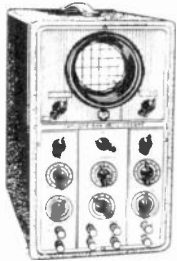
No. 34 Probe

Net \$ 5.65

CATHODE-RAY OSCILLOGRAPH S



155-C



RCA 3 CATHODE-RAY OSCILLOSCOPE
TYPE 155-C

New economy 3" scope with built-in shield & graph chart. DEFLECTION SENSITIVITY AT 1 KC: 2.8 peak to peak volts, (1 volt RMS) per inch. SINE WAVE RESPONSE VERTICAL: 10 cps to 40 KC. Useful range 10 cps to 200 KC. Input Impedance .5 meg in parallel with 22 mmfd. 110 VAC operation. Complete with all tubes & instructions.

No. 155-C

Net \$ 115.00



RCA 5 CATHODE-RAY OSCILLOGRAPH
TYPE 160-B

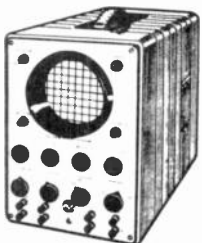
5" tube model with all controls on front panel. Frequency response of amplifiers flat within 1DB to 12KC and flat within -3 DB to 35 KC. Timing frequency range, 4Cy. to 18 KC. For use in schools laboratories and in production work. 110 ACV operation. Complete with all instructions and tubes.

Model 160-B

Net \$ 185.00



WO-60C



RCA Cathode Ray Oscilloscope
Type WO-60C

Model WO-60-C

Brand new development in CR scopes for industrials. Exceptionally good phase shift characteristics. Flat from 1 cy. to 100 KC. Linear sawtooth sweep with uniform rise 3-30000 cycles. INPUT IMPEDANCE: Vertical or Horizontal amplifier, 1 megohm. FREQUENCY RESPONSE: Sine wave, 5 cy. to 80 KC, 10%. 2 cy. to 100 KC, 20%. Useful range .5 to 300 KC. SQUARE WAVE: 20 to 5000 cy. 110 VAC operation.

Net \$ 345.00



RCA 3" CATHODE RAY OSCILLOSCOPE
TYPE WO-79-A

Model WO-79-A

New wide range portable CRO for laboratory, broadcasters, service engineers and industrials. Uses 3KP1 tube. Sawtooth time base 20 cy. to 250 KC. INPUT IMPEDANCE: Vert. & Hor. Amplifier, 1 meg. VERTICAL AMP. frequency range, flat within 2 db from 10 cy. to 5 MC. HORIZONTAL AMP. frequency range, flat within 2 db from 10 cy. to 500 KC. Calibrating meter indicates the peak to peak voltage being supplied to the vertical amplifier when measuring vertical amplitude of an observed voltage, 2 scales, 0-3, 0-10. 110 VAC operation. Complete with all cables, probe, clips & instructions. Descriptive brochure on request.

Net \$ 550.00

SUPREME

MODEL 546-A



3" scope utilizing 3AP1 CR tube for all general purpose work. Sweep oscillator range 20 Cy. to 30 KC. Vertical amplifier frequency response 20 Cy. to 100 KC. Horizontal amplifier 20 Cy. to 75 KC. Sensitivity .5 volts RMS per inch deflection. Housed in beautiful case.

Model 546A

Net

\$ 87.95



MODEL 552

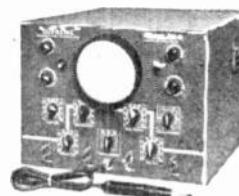
Essentially the same as Model 546-A listed above but uses 5" 5CP1 CR tube and has 0.3 volts RMS per inch sensitivity.

Model 552

Net

\$97.51

MODEL 564



A deluxe 5" scope using 5CP1 CR tube. Sweep oscillator range 7 cycles to 100 KC. Vertical amplifier: Frequency response 2 DB 5 cycles to 5 MC. 0.1 volt RMS per inch deflection. Horizontal amplifier: Frequency response 2 DB 5 cycles to 1.5 MC. .14 RMS per inch deflection. Probe available separately for waveform checking with minimum distortion. In heavy metal cabinet. Complete with tubes.

Model 564

Net

\$217.08

WATERMAN PRODUCTS



POCKETSCOPES

Widely used for portability and bench work. Capable of indicating in two independent dimensions: Vertical and Horizontal. Linear sweep, 10 cycles to 50 KC.

Model S-10A 2" Tube
Model S-11A 3" Tube

Net \$ 64.68
97.02

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

CAPACITOR TEST INSTRUMENTS

CORNELL-DUBILIER



Model BF-50 measures all types of condensers; mica, paper, electrolytic and motor starting from .00001 to 240 mfd. Wien bridge circuit. Measures power factor. Uses magic eye for visual indication. Push button switching. Direct reading linear scale calibration. Measures insulation resistance to 1500 megohms. 110 VAC operation. Complete with tubes.

Model BF-50

Net \$ 41.00



Model BN measures paper, mica & electrolytic condensers from .00001 to 50 mfd. by Wien bridge circuit. Measures power factor. Direct scale readings & magic eye indication. Extremely compact size. Complete with tubes. 110 VAC operation.

Model BN

Net \$ 19.15

McMurdo Silver



Silver 904. Accurate measurement of all types of capacitors & resistors. All readings direct on 5" "logarithmic" dial. Total of 8 ranges - 4 for resistance and 4 for capacity. Covers 10 ohms to 10000 megohms & 10 mmfd. through 1000 mfd. Voltage variable from 0 to 500 volts. Power factor calibrated directly. Bridge balance indication

on magic eye. Complete with tubes and test leads. 110 VAC operation

Model 904

\$ 48.90

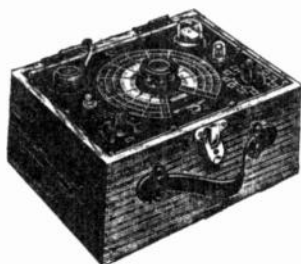
SOLAR



Model CF-160 will detect faulty condensers while operating in the circuit. No need to disconnect condenser. 4 overlapping ranges from 10 mmfd. to 2000 mfd. Direct power factor reading. Leakage current is shown on panel meter. Voltage available up to 550 V. Insulation resistance checking up to 10000 megohms. Instrument may be used as Wheatstone Bridge. AC VTVM range, 10-50. 110 VAC operation. Complete with tubes and instructions.

Model CF-160

Net \$ 58.50



Model CBB-160. Measures capacity of all electrolytic, paper, mica & air condensers. Range, .00001 to 800 mfd. Measures power factor directly on scale in %. Measures resistance in ohms, 50 ohms to 2 meg. Tests are made at 450 volts. Direct reading of all measurements & visual eye indication simplify operation. Complete with tubes and instructions. 110 VAC operation.

Model CBB-160

Net \$ 39.00

SPRAGUE TO-3 DELUXE TEL-OHMIKE



Bridge type resistance & condenser analyzer with built-in DC meter, 0-15/150/750 volts & 0-1.5/15/75 MA. Checks condensers without removing from circuit. Checks capacities from .00001 to 2000 mfd. in 4 ranges. Checks insulation resistance from 0-2500 meg. 0-50% power factor at 60 cycles. Complete with tubes & instructions. 110 VAC operation.

Model TO-3 Net \$ 58.50

JACKSON



Model 650-A Condenser Analyzer tests all capacitors from .00001 to 1000 mfd. Four push-button ranges. Measures power factor on direct reading dial. Test voltages available from 20 to 500 volts. Magic eye leakage indication. Complete with tubes & leads.

Model 650-A

Net \$ 48.02

Industrial Instruments

WHEATSTONE BRIDGE



For laboratory, school & industrial use. Has ratio dial settings of .001-.01-.1-1.-10-100-1000 as well as built-in resistance standards of 1-10-100-1000 ohm decades. Accuracy: ratios, .05%, resistors 1/10 of 1%. Self cleaning switches. Moving coil galvanometer, sensitivity 1 micro-amp per MM. Binding posts for connections. Case is of hardwood with removable cover. Complete with instructions.

Model RN-1 Net \$98.00

RESISTANCE DECADES

Available in standard models with resistance ranges of .9 to 999,999 ohms total. Accuracy .1% to 1%. Supplied in cases to match RN-1 instrument. Write for complete information and circular describing these instruments fully.

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE



PRECISION MULTI-RANGE

A pocket size, compact, multi-range tester. 3" square meter. 6DC voltage ranges at 1000 ohms PV: 0-6/30/150/300/600/1200. 6 AC voltage ranges: 0-12/60/300/600/1200/2400. DCMA: 0-1.2/12/120/600. Ohms: 0-5000/500,000/5 meg. DB -10 to +62. Output: 0-12/60/300/600/1200/2400.

No. 832-S Complete Net \$ 23.49



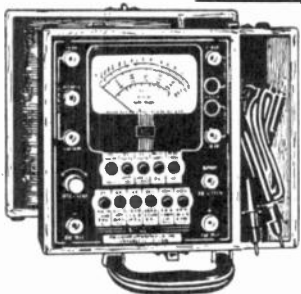
Model 844-P Carrying case with lid. 34 range AC & DC test set. 6 AC & DC voltage ranges at 1000 ohms per volt: 0-12/60/300/600/1200/6000. 6 DC current ranges: 0-400/100,000/1 meg/10 megs (self-contained battery). 6 DB ranges from -12 to +70. 6 output ranges: 0-12/60/300/600/1200/6000. Complete with battery & test leads.

No. 844-P Net \$ 36.13



Model 847-P High speed push-button operated AC & DC tester with 54 ranges. 8 DC voltage ranges at 5000 & 1000 ohms per volt: 0-3/6/12/60/300/600/1200/6000. 8 AC voltage and output ranges at 1000 ohms per volt, same as above. 8 DC current ranges: 0-.3/1.2/3/30/300/600. 0-1.2/12 DC amps. 6 ohm ranges self-contained to 20 megs. 0-2000/20,000/200,000/2 meg/20 megs/200 megs. In hardwood portable case with tool compartment and hinged cover. Complete with battery and high voltage test leads.

No. 847-P Net \$ 44.00



Model 858-P. Similar to Model 847 but has 8 DC voltage ranges of 0-3/6/12/60/300/600/1200/6000 volts at 20,000 ohms per volt sensitivity. Complete with battery and high voltage test leads.

No. 858-P Net \$ 48.94



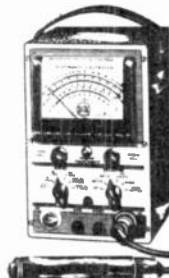
Model EV-10P. Vacuum tube multi-range volt meter. 8 Zero centered VTVM ranges plus or minus 0-3/6/12/60/300/600/1200/6000 VDC. 8 AC and DC voltage ranges at 1000 ohms per volt (same scales as above). 6 ohmmeter ranges powered from internal battery, 0-2000/200,000/2 meg/20 meg/200 meg/2000 meg. 7 DC current ranges from 0 to 600 microamps to 12 amperes. 8 AC output range. 8 DB ranges. This instrument may be used for measurement of RF & UHF voltages by addition of probe listed below.

No. EV-10P Less probe \$ 81.46
No. RF-10 Probe 13.05



VOLT OHM MYST

Measures "Peak to Peak" RF voltages to 250 MC.



RCA ADVANCED VOLT OHM MYST
TYPE WV-75-A

"Advanced Volt Ohm Myst" designed to measure AC, DC and AF & RF voltages and DC resistances over wide ranges. DC range: 0-3/10/30/100/300/1000 at 11 megohms input. Sensitivity (Maximum) 3.7 megs per volt on 3 volt range. 6 AC voltmeter range: 0-3/10/30/100 with probe, 1000 volt using multiplier. Ohmmeter: 6 ranges, 0-.1 to 1000 megs. 110 VAC operation.

Type WV-75-A Complete with probe Net \$ 125.00



RCA VOLT OHM MYST
TYPE 195-A
RCA BATTERY VOLT OHM MYST
TYPE WV-65A

"Volt Ohm Myst". Modern VTVM includes 6 range AC & DC voltmeter. Ohmmeter from .1 ohms to 1000 megohms. Also measures AF voltage to 100 volts with range of 30 to 100,000 cycles. 110 VAC operation. With test leads.

Type 195-A Net \$ 79.50

"Battery Volt Ohm Myst". Similar to above instrument except has self-contained power supply of batteries. Also includes DC current ranges of 0-3/10/30/100/300 mA and 0-10 amps.

Type WV-65-A Net \$ 87.50

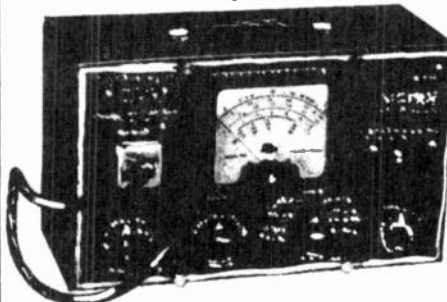


RCA CRYSTAL PROBE

Addition of this probe permits converting the DC ranges to read AC so that voltages up to a frequency of 100 MC or more are indicated directly on the DC scale. Probe can be used with any VOM including the original "Senior" or "Junior", and it can be used on the V channel of the Chanalyst. Probe adapts VM for FM, Television and other high frequency testing requirements within sensitivity range of the instrument.

No. 8263 Net \$ 8.95

SILVER "VOMAX"



operation. Complete with signal tracing probe and test prods.

Model 900

Net \$ 59.85



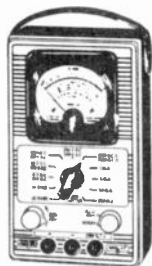
AUDIO VOLTMETER



A sensitive electronic VTVM to measure high impedance AC voltages over wide ranges of frequency and amplitude. For testing receivers, sound, laboratories and broadcast. Voltage range, .001 to 1000 VAC. Frequency range, 20-20000 Cy. Input impedance 1 Meg. and 25 MMFD.

Model WV-73-A, Complete Net \$175.00

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

TE**MODEL 615****JACKSON****VOLT-OHM-MILLIAMMETER**

3" square meter. Resistance ranges: 2, 0-1000, 0-500,000. 5 DC voltage ranges: 0-5/50, 100/250/1000. 5 AC voltage ranges: 0-10/100/200/500/2000. 4 DCMA ranges: 0-1/5/50/250. Additional high voltage DC range 0-2500 V. Complete with battery, less leads.

Net \$ 24.45

**MODEL 642**
20,000 Ohms Per Volt**MODEL 643**

(1000 ohms per volt)

Push-button selection of 27 ranges. No external power supply needed, entirely self-contained. All DC voltage ranges are 20,000 ohms per volt. AC voltage ranges 0-10/100/250/500/1000/5000. DC voltage ranges: 0-10/100/250/500/1000/5000. Decibels: -10 to +14/10 to 34/30 to 34. DCMA ranges: 0-10/100/250. Microamps: 0-100. Amperes: 0-10. Ohms 0-3000/300,000/30 meg.

Net

Model 642 with test leads \$58.31

Model 643. Same ranges as Model 642 except Microamp range is 0-1000 and Ohms range is 0-3000/300,000/3 meg. DC voltage range is 1000 ohms per volt.

Net

Model 643 with test leads \$44.10

**VACUUM TUBE
VOLTMETER****MODEL 645**

Model 645. Both AC and DC voltage ranges are electronic. Resistance measurement from 2/10 ohm to 1 billion ohms. 3 megohm per volt sensitivity on 0-4 VDC range. Constant input resistance 12 meg on all DCV ranges. 4 meg per volt sensitivity on 0-1 vacuum range. Input resistance of 4.4 meg on all AC ranges. Flat frequency response between 50 & 200,000 cycles. Meter cannot be damaged by accidental overloading. Meter ranges ACV: 0-1/4/10/40/100/400/1000. DCV: 0-4/10/40/100/400/1000. Ohms: 0-1000/10,000/100,000/1 meg/10 meg/100 meg/1000 meg. MA: 0-1/4/10/40/100/400/1000. DB -30 to -5/-10 to +15/10 to 35/30 to 55. Complete with signal tracing test lead with resistor in probe.

Model 645

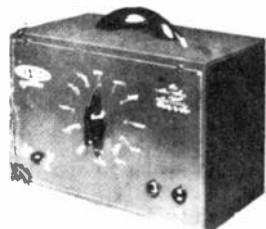
Net \$ 58.31

HIGH FREQUENCY R. F. PROBE

An ideal accessory to extend frequency coverage of Model 645. With the use of the probe UHF voltages (200KC to 200MC) can be read directly on the 4-10-40 volt scales. Ideal for all UHF, FM and Television testing.

Model 645-P

Net \$ 7.35

SPECO**SPECO "CAPOHMIST"**

Resistor and capacitor substitution box. Provides 22 principal values. Easy to operate. Sturdy metal box.

Model CAP

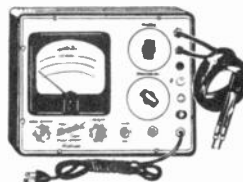
Net \$ 16.95

**VACUUM TUBE VOLTMETERS
TESTERS****HICKOK**

Model 209 Electronic Volt-Ohm-Capacity Inductance-Milliammeter. Large 9" meter with over 250" of usable scales. 110 VAC operation. Volts: AC & DC, 0-3/12/30/120/300/1200. DCMA: 0-3/12/30/120/300/1200. Capacity: 0-10000 mmf. in two ranges, 0-1000 mf. in 5 ranges. Inductance: 50 mh-100 hys. Resistance: 1/10 ohm to 10,000 megs in 8 ranges. AC frequency up to 200 MC. Complete with low capacity HF probe. Size: 14" x 16 1/2" x 8".

No. 209

Net \$ 97.61



Model 203. Same electrical characteristics as above but without probe. 4 1/2" meter. Size: 9" x 11 1/2" x 7".

No. 203

Net \$ 82.91



Model 125 VTM will make measurements of frequencies well over 150 MC. 110 VAC operation. Ranges: AC & DC volts, 0-2.5/10/25/100/250/1000. DCMA, 0-2.5/10/25/100/250/1000. Resistance, 1/10 ohm to 1000 megs in 6 ranges. Size: 10" x 11 1/2" x 6". Complete with probe and test leads.

No. 125

Net \$ 93.05



Model 214. Battery operated Vacuum Tube Volt Ohmmeter. Self-contained batteries supply current which automatically shuts off after 4 minutes use. May also be shut off manually at any time. Ranges: AC & DC volts, 0-3/12/30/120/300/1200. Resistance 1 ohm to 1000 megohms in 6 ranges. Size: 8 1/4" x 6" x 4". Complete with leads & batteries.

No. 214

Net \$ 58.21

SUPREME

Model 542. A pocket laboratory instrument in small bakelite case. Size: 6" x 3" x 2". 24 RANGES. 4 DCMA ranges from 0-.3 to 150. 4 DC voltage ranges, 0-6/1500 at 5000 ohms PV. Resistance, 4 ranges, 0-2000/2 meg. 4 AC voltage ranges, 0-6/600. 4 Output ranges. 4 DB ranges, -6 to +50.

Model 542

Net \$ 23.18



Model 543 Handy pocket type instrument with 3" meter in bakelite case. 2 resistance ranges, 0-2000/200000. DCMA, 3 ranges, 0-6/60/600. AC voltage ranges, 0-15/150/600/6000. DC voltage ranges, 0-15/150/600/3000. (1000 ohms PV).

Model 543

Net \$ 18.57

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE



VOLT-OHM-MIL-AMMETERS



Precision, pocket-size VOMA. Now has 3" meter, lifetime guaranteed. Positive action range change switch. AC & DC voltage ranges, 0-10/50/250/1000/5000 at 1000 ohms PV. DCMA, 0-10/100/500. Ohms, 0-2000/400000. In attractive bakelite case, 3 1/16" x 5 7/8" x 2 9/16". Complete with leads, clips and batteries.

No. 666-HH Net \$ 21.56
No. 669 Leather carrying case 4.65

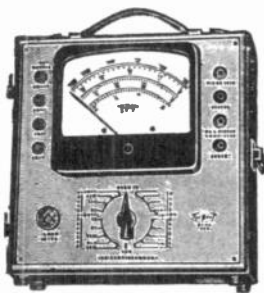
666-HH



Widest range tester of its type with brand new features: long 5.6" mirror scale for better reading accuracy. 33 ranges. DC voltage ranges, 0-1.25/5/25/125/500/2500 at 20000 ohms PV. DC voltage ranges, 0-2.5/10/50/250/1000/5000 at 10000 ohms PV. DC microamps, 0-50. DCMA, 0-1/10/100/1000. DC amperes, 0-10. Ohms, 0-2000/200000. Megohms, 0-40. DB, 7 ranges, -30 to +69. 6" Red Dot Lifetime guarantee meter. Insulated black molded case with removable strap handle. Size: 2 1/4" x 5 1/4" x 6". Complete with batteries & leads.

625-NA

No. 625-NA Net \$ 44.10
No. 629 Leather carrying case 5.39

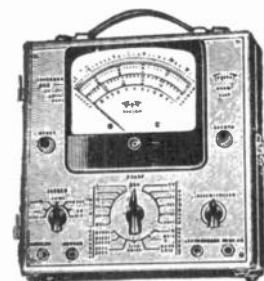


2405

Ultra sensitive instrument for shop or portable use. DC voltage ranges have sensitivity of 25000 ohms PV. AC voltage ranges are 1000 ohms PV. Large 6" Red Dot Lifetime guarantee meter. DC & AC voltage ranges: 0-10/50/250/500/1000. DC Amps: 0-10. DC Milliamps: 0-1/10/50/250. DC Microamps: 0-50. AC Amperes: 0-.5/1/5/10. Output, same as AC range. Ohms: 0-4000/40000/4 meg/40 meg. (Self-contained batteries). DB, 5 ranges, -10 to +55. Instrument will also check capacity of paper condensers. Tan enamel finish metal case with detachable hinged cover. Size: 10" x 10" x 5 1/2". Complete with leads and instructions.

No. 2405 Net \$ 55.61

ELECTRONIC VOLT-OHM-MILLIAMMETER



2450

Extremely useful for FM & Television work or anywhere where high impedance measuring is required. Minimum tube change and full line voltage compensation. Exceptionally high input impedance. Cathode follower circuit makes possible use of high input impedance for AC-DC voltage measurement. Dual voltage regulation assures accurate readings. RF probe with special diode circuit insure accurate low frequency and AF voltage measurements. 6" Red Dot Lifetime guarantee meter. 110 VAC operation. Tan enamel finish metal case with detachable hinged cover. Size: 10" x 10" x 5 1/2". Complete with probe and instructions.

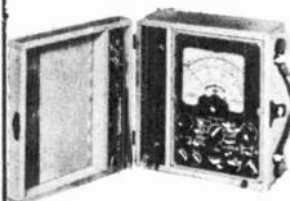
No. 2450 Net \$ 97.51

SUPERIOR INSTRUMENTS



New model combination Volt-Ohm-Milliammeter with capacitance, reactance and DB measurement. Also has "Good-Bad" scale to check electrolytic condenser at potential of 150 volts. Specifications: DC volts, 0-7 1/2/15/75/150/750/1500/7500. AC volts and output, 0-15/30/150/300/1500/3000. DC current, 0-1 1/4/15/150MA. 0-1 1/2 Amps DC. Ohms, 0-500/100000/10 meg. Capacity .002-.2 mf/.1-4 mfd. Reactance, 700 to 27000 ohms/13000 to 3 meg. Inductance, 1.75 to 75 hy/35 to 8000 hy. DB -10 to +18, +10 to +38, +30 to +58. In rugged grey finished case, less leads.

No. 670 Net \$ 27.83



No. 670-P Same as above but in hardwood carrying case. Complete with leads.

Net \$ 35.03



Model 680. New time saving innovation, single scale used for all voltage and current measurements. No variation between AC-DC tests. 4 DC voltage ranges at 5000 ohms PV, 0-15/75/300/1500. AC volts and output, 0-15/75/300/1500. DC current ranges, 0-150 microamperes, 0-15/75/150 MA. Resistance, 0-2000/20000/200000/2 meg. DB, -10 to +18/+4 to +32/+16 to +44/+30 to +58. Complete in oak carrying case with leads batteries and instructions.

No. 680 Net \$ 27.10



A complete VTVM & VOMA with 54 ranges. 9 DCV ranges from 0-3 to 0-3000 volts at 11 meg. input resistance. 9 DCV range from 0-3 to 0-3000 volts at 1000 ohms PV. 9 ACV ranges from 0-3 to 0-3000 volts at 1000 ohms PV. 9 DC current ranges, 0-3 to 0-750 MA, 0-3 to 0-15 amps. Resistance: 6 ranges, 0-1000 to 0-100000 ohms, 0-1 meg to 0-1000 meg. Capacity: 3 ranges, .0005 to 200 mfd. Reactance: 3 ranges, 10 ohms to 5 meg.

Inductance: 3 ranges, .035 to 14000. DB: 3 ranges, -10 to +58. 110 VAC 60 cycle operation. Complete in crackle finish steel cabinet with batteries, two sets test leads, one set VTVM probes and instructions.

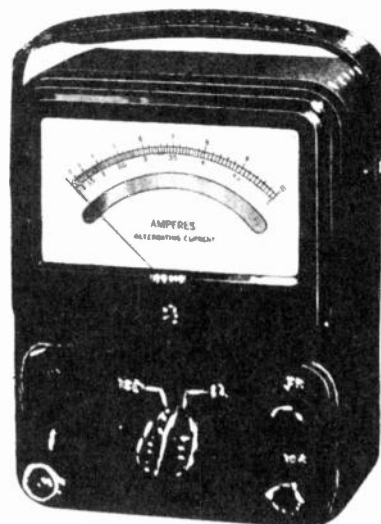
No. 400

Net \$ 51.45

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

Laboratory Portable Instruments

These Simpson Precision Portable Instruments are offered in a wide selection of ranges, to meet practically every demand for general purpose testing. They provide a high degree of accuracy plus the stamina to maintain that accuracy. Large $\frac{1}{2}$ " hand drawn scales, mirrored, with knife edge pointers. DC and Dynamometer movements, $\frac{1}{2}$ of 1% accuracy. AC, 1% accuracy. Cases are of heavily molded bakelite, with leather carrying handles.



Range	Model 9 (DC)	Model (10AC)
Amperes		
1	\$ 31.61	----
5	31.61	\$ 26.95
15	31.61	26.95
30	31.61	26.95
50	31.61	26.95
100	36.02	----
150	36.02	----

Range	Model 9 (DC)
-------	--------------

Double Reading	
Amperes	
1-2	\$ 33.57
2.5-5	33.57
5-10	33.57

Triple Reading	
Amperes	
2.5-5-10	\$ 36.02
2.5-10-25	36.02
10-25-50	36.02

Range		Model 9 (DC)	Range	Model 9 (DC)	Model (10AC)
Microamperes			Volts		
50		\$ 44.84	15	\$ 31.61	\$ 26.95
100		43.12	50	31.61	26.95
200		41.16	100	31.61	26.95
500		37.98	150	31.61	26.95
			300	31.61	29.40
Range			750	40.18	36.02
	Model	Model	1000	42.63	38.22
	9 (DC)	(10AC)			
Milliamperes			Double Reading		
1	\$ 36.02	----	Volts		
5	31.61	----	150-300	\$ 36.02	\$ 31.61
10	31.61	\$ 26.95	300-750	42.90	38.22
25	31.61	26.95	Triple Reading		
50	31.61	26.95	Volts		
100	31.61	26.95	150-300-600	\$40.18	\$ 44.84
250	31.61	26.95			
500	31.61	26.95			

DYNAMOMETER PORTABLES

Model 880 - Single Phase Wattmeters

Maximum Volts	Amps	Watts		Net
		Low Range	High Range	
150-300	1	100	200	\$ 41.65
150-300	2	200	400	41.65
150-300	5	500	1000	41.65
150-300	10	1000	2000	41.65
150-300	20	2000	4000	44.10
150-300	50	5000	10000	44.10

Double Current Ranges

150-300	2.5/5	250-500-1000	\$ 53.90
150-300	5/10	500-1000-2000	53.90

Voltmeters

0-150	\$ 34.30
0-150-300 (Double Range)	44.10
0-150-300-600 (Triple Range)	53.90

Ammeters

0-1-2 (Double Range)	\$ 44.10
0-2.5-5 (Double Range)	44.10
0-5-10 (Double Range)	44.10

Model 260

SIMPSON MODEL 260

The Old Standby. 6 DC ranges from $\frac{2}{3}$ to 5000 volts at 20,000 ohms per volt. 6 AC ranges (1000 ohms per volt) $\frac{2}{3}$ to 5000 volts. 6 AC output ranges. 3 DCMA ranges, 10/100/500. Microamps: 0 to 100. DC amps: 0 to 10. 5 DB ranges, -10 to +52. 3 resistance ranges: 0-2000/200,000/20 meg. Now cased in a new style bakelite case, 2 Models - one with standard modernized case with open face, the other in bakelite case which has roll top to protect instrument when not in use. Complete with leads.

No. 260	Standard	Net \$ 38.17
No. 260	Roll Top Case	42.88

Micro-Testers



Model 240. Pocket size AC & DC Volt-Ohm-Milliammeter. ACV: 0-15/150/750/3000. DCV: 0-15/75/300/750/3000. DCMA: 0-15/75/300/750. Resistance, 0-3000/300,000. Complete with leads and self-contained batteries.

No. 240	Net \$ 21.31
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Model 230. Pocket size VOMA. AC & DC volts: 0-10/250/1000. DCMA: 0-10/50/250. Resistance: 0-1000/100,000. Complete with test leads and self-contained batteries.

No. 230	Net \$ 19.45
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All are size 3" x 5 $\frac{7}{8}$ " x $\frac{1}{4}$ ". Less leads.

Model 370, AC Ammeter. Self-contained current transformer, 60 cycles. Ranges: 0-1/ $\frac{2}{3}$ /5/10/25.

Net \$ 18.13

Model 371, AC Voltmeter. Ranges: 0-150/300/600.

Net \$ 16.42

Model 372, Ohmmeter. Ranges: 0-500/5000/50000/ $\frac{1}{2}$ meg/5 meg/50 meg. Self-contained batteries.

Net \$ 22.74

Model 373, DCMA. Ranges: 0-1/5/10/25/50/100/250/500/1000.

Net \$ 17.89

Model 374, DC Microamps. Ranges: 0-50/100/250/500/1000.

Net \$ 20.48

Model 375, DC Amps. Ranges: 0-1/ $\frac{2}{3}$ /5/10/25.

Net \$ 18.33

Model 376, AC Volts, rectifier type. Ranges: 0-5/10/25/50/100/250/500/1000.

Net \$ 17.89

Model 377, DC Volts, 1000 O.P.V. Ranges: 0-1/ $\frac{2}{3}$ /5/10/25/50/100/250/500/1000.

Net \$ 17.89

Model 378, ACMA. Self-contained current transformer. Ranges: 0-5/25/100/250/1000.

Net \$ 20.09

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

Signal Generators

TRIPLET



3432

Model 3432. New illuminated "No-Glare" dial model. Five fundamental ranges, 165 KC to 40 MC. Two harmonic ranges, 36 to 120 MC. Large 10-1 ratio dial. RF selector provides high and low output. Coaxial connectors on output. Internal modulation, 0-100% at 400 cy. All double shielded circuits. 110 VAC operation.

Model 3432

Net \$ 61.99



3433

Model 3433. The latest advancement in AM-FM signal generators. Covers all ranges from 100 KC to 120 MC. 170 MC output available by adding the fixed 50 MC output to band "J". RF output meter on panel. Double shielding throughout. Ladder attenuator output control. Built-in crystal oscillator for calibration reference. Voltage regulated power supply. Coaxial leads for output. 110 VAC operation.

Model 3433

Net \$ 154.35



2432

Model 2432. Popular model with ranges from 75 KC to 50 MC on fundamentals in six bands. Up to 150 MC on harmonics. Turret type coil switching, low loss and leakage. Voltage regulated power supply. 400 cy. audio note available from panel jacks. Five attenuation feature. Coaxial lead output. All double shielded. 66" of easily read dial. 110 VAC operation.

Model 2432

Net \$ 86.73

'FERRET'

TEST SPEAKER AND SUBSTITUTOR



Deluxe model substitution speaker, choke, resistance and condenser, (electrolytic & paper) unit. Supplies field impedances of 500, 1000, 1500 and 2500 ohms, current 175 MA. Universal input, single or push-pull. Universal voice coil matching. Beautifully finished case with handle. Complete with instructions.

Model 721

Net \$ 29.95



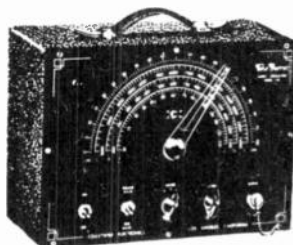
Brand new model RCA test oscillator. Covers 100 KC to 30 MC in 6 bands. Also has three fixed frequencies of 455, 600 and 1500 KC. Has 400 Cy output for audio tests. Four step attenuator and vernier output control. High or low output without changing cables. Modulation flat to 10000 Cy. and adjustable to 75%. Signal injection probe included. Complete with all cables tubes and instr.

Model WR-67A

Net \$129.50

AUDIO OSCILLATORS

COASTWISE 'FERRET'



Ferret 610. Standard model, frequency range, 20-24000 cycles. 3-1 vernier no-backlash dial. Sine wave or square wave by throwing switch. High impedance output, 25 volts. Three bands 20-240, 200-2400, 2000-24000 cy., 2% accuracy. Coaxial cable output leads. Attractive black crackle metal case, leather handle. 110 VAC operation.

No. 610

Net \$ 69.95

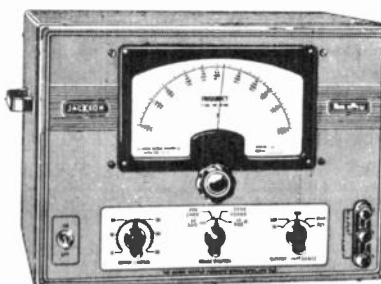


Ferret 710. Deluxe Model. All aluminum case. Range, 20-24000 cycles in 3 bands, 20-240, 200-2400, 2000-24000 cycles, 2% accuracy. Sine wave or square wave by throw of switch. Uses miniature tubes. Glass covered 3 color vernier dial. Coaxial output leads. Beautifully finished in iridescent blue-gray. 110 VAC operation.

No. 710

Net \$ 89.95

JACKSON



Model 655 Deluxe Audio Frequency Oscillator operates on new basic principle, resistance capacity tuned. Provides an AF voltage developed at its fundamental frequency. Continuously variable from 20 to 200000 cycles in 4 bands, 20-200, 200-2000, 2000-20000, 20000-200000. Acc-3% or 1 cycle. 33" of easily read scales. Five output impedances 10/250/500/5000 ohms & resistive, controlled by

selector switch. Output power 500 milliwatts. Output control continuously variable from zero to maximum. Wave-form, less than 5% harmonic distortion at all frequencies between 30-15000 cycles. Frequency characteristic, plus or minus 1 DB between 30-15000 cycles. Hum level, down more than 60 DB of maximum power output. Professional gray steel case with handles on side. Size: 13" x 9 1/4" x 9 5/8" high. Weight, 26 lbs. 110 VAC operation.

Model 655

Net \$ 122.50



Model WA 54a Audio Oscillator. May be used for determining over-all fidelity of receivers, sound equipment, etc. Frequency range, 20-17000 cycles in continuous sweep. Distortion under 5% over entire range. Electronic eye calibrator & output indicator. Temperature compensated for stability. Output impedances, 250-500-5000 ohms. Low hum level. Built-in voltage regulator. Attractively cased in ventilated housing. Leather handle. 110 VAC operation.

Model WA-54a

Net \$ 152.50

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

Signal Generators

BLILEY

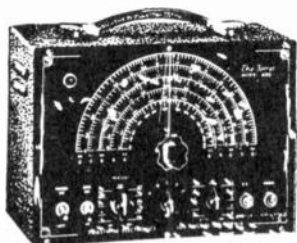
Modern, quick direct crystal controlled signal generator. Instant selection of 5 most used frequencies: 175-KC, 262-KC, 370-KC, 455-KC, 465-KC.



Check points every 200 KC & 1000 KC. Accuracy .05%. External socket for additional frequencies. Three position internal modulation selector. External modulation. Complete with 7 crystals, cable & instructions.

No. 000-LC

Net \$ 69.50

COASTWISE 'FERRET'

Frequency coverage 165 KC to 56 MC in 5 bands. 5-1 vernier drive, no backlash. 400 cycle modulated tone, 0-100% modulation on direct scale. Coaxial cable on output. Coils; vacuum impregnated, permeability tuned. Easy to read, directly calibrated 1% accuracy dial.

No. 600 Complete

Net \$ 49.95



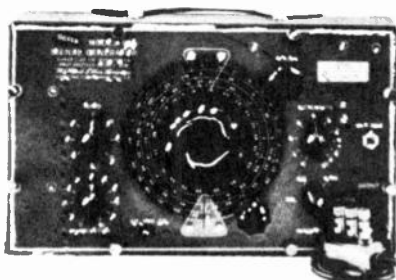
Range, 165 KC to 220 MC in 7 bands. For servicing any type of FM, AM or facsimile equipment. Completely shielded to combat strays. Internal 400 cycle sine wave modulation, 0-100%. Directly calibrated on 9" dial, vernier drive. 20 to 10000 cycle external modulation for frequency response check. Uses crystal calibrated permeability tuned RF coils for stability. Complete with low loss coaxial leads.

Model 701

Net \$ 74.95

McMurdo Silver

90 KC-210 MC



Model 906 McMurdo Silver Signal Generator. 90 KC-170 MC on AM & 90 KC-210 MC on FM. Has 8 fundamental ranges, direct frequency calibrated to 1% accuracy. 400 cycle AM modulation variable from 0 to nearly 100%. Panel switch shifts to FM with modulation knob setting. Built-in electronic FM sweep from 0 to 500 KC. Continuously variable

output from less than one microvolt through 20 MC, to over one volt. Microvolt meter on panel. Complete shielding coils mounted on rotary turret, positive action. Large 5" dial, vernier driven, 6 output voltage ranges, 0-10/100/1000/10000/100000 microvolts and 0-1 volt. Complete with all necessary leads and plugs. Metal shielded case. 110 VAC operation.

Model 906

Net \$ 99.50

Hickok

Model 288-X. Tops in alignment equipment for AF, FM & Television. Universal crystal controlled coverage. Fundamentals are used throughout entire range: 110 KC to 110 MC for AM, 100 KC to 160 MC for FM. 7 overlapping bands. Variable audio output 0-15 KC, 400 cycles fixed. Self-contained decibel meter provides means of measuring power and voltage and determining resonance in alignment work. Ranges, -10 to 6,

6 to 22, 22 to 38. 110 VAC operation. Satin chrome finish panel, blue lacquer case.

Model 288-X

Net \$ 155.88



Model 191-X Crystal Controlled Microvolt Signal Generator is an accurate, dependable source of calibrated radio frequency test voltages ranging from 125 KC to 120 MC on fundamentals. Minimum signal leakage. Internal VTVM incorporated for accurate direct calibration of RF output from 1/2 microvolt to 100000 microvolts on all ranges. External modulation from 5 to 10000 cycles. DB meter ranges, -10 to +38 in 3 scales. Control for varying the % of AM

with actual % of modulation indicated on meter. 100 KC crystal provides harmonics every 100 KC; at 1000 KC every MC for the SW band, .01% accuracy. Large 8" dial has over 100" of scale. 7 fundamental bands, 1 harmonic band. Modulation: 30% at 400 cycles fixed, 70% at 400 cycles variable. External modulation variable. 110 VAC operation. Satin chrome finish panel, blue lacquer case.

Model 191-X

Net \$ 143.00

PRECISION

E-200C

Series E-200C Modern Signal Generator for AM, FM & Television. Frequency coverage, 88 KC to 120 MC in 8 direct reading bands. 1% accuracy on all ranges. Full vision 6 1/2" dial. 400 cycle sine wave audio. Dual calibrated RF attenuators. Low leakage, well shielded case with filtered AC line. Shielded coaxial output cable and connectors. Direct reading variable modulation, 0-100% of RF signal. Direct reading AVC substitution system, supplies its own AVC voltage from front panel, 0-50 volts. Each instrument hand calibrated. 110 VAC operation. Complete with instructions.

Series E-200C

Net \$ 62.87

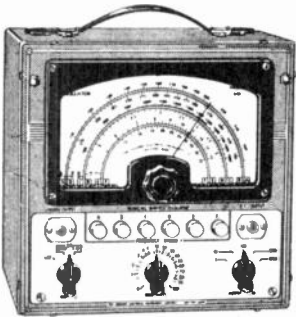
**RCA TEST POINT ADAPTORS**

Makes trouble shooting faster. All connections of tube brought out simplifying service and eliminating need to remove or disturb wiring. Set consists of 7 adaptors, 4-5-6-7 small, 7 large, octal and loctal.

No. MI-18760

Net \$ 7.50

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

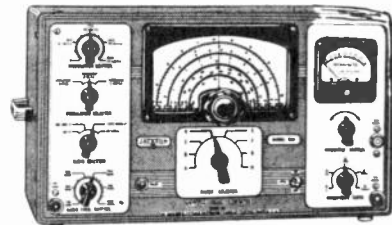
JACKSON**Signal Generators***Simpson*

Model 640 "Standard Type" oscillator for all general purpose work. Full range direct reading dial from 100 KC to 32 MC, all fundamental. Two harmonic bands calibrated from 28 MC to 60 MC & 56 MC to 120 MC. Push-button selection of all ranges. Large easy to read glass enclosed dial. Two circuit attenuator provides variable ratio & vernier control. 400 cycle modulated note. Has powerful signal output which may be used as pure RF or modulated RF carrier, modulated at approximately 30%. AF voltage avail-

able for external use. Accuracy $\frac{1}{2}$ of 1% on all ranges. 110 VAC operation. Metal carrying case complete with leads.

Model 640

Net \$ 54.88



Model 641 Universal Signal Generator covers AM frequencies 100 KC to 120 MC, FM frequencies 100 KC to 160 MC. AM %, variable 0-80%. FM has two frequency sweep ranges: Narrow band, 0-40 KC, Wide band, 0-400 KC. Output is read directly in microvolts on meter dial in panel.

Constant output impedance on all ranges. Full vision, easy to read dial. Audio section of receiver may be checked with this instrument. $\frac{1}{4}$ of 1% accuracy on all ranges. 110 VAC operation. Sturdy shielded metal case complete with coaxial output cable.

Model 641

Net \$ 146.51

S U P R E M E

Model 561. Two separate instruments incorporated in one case. AF & RF may be operated simultaneously. All scales push-button operated. RF specifications, ladder type attenuator, 4 position push button. 5 bands, 65/205 KC, 205/650 KC, 650/2050 KC, 2050/6500 KC, 6.5/20.5 MC. Harmonics above 60 KC. FM signal available over range of RF oscillator. Frequency modulated approx. - - KC. AF specifications: Range,

15 to 15000 cycles. Output impedances: Center tapped transformer of 50/500/5000 ohms. High impedance resistor of 50000 ohms. Voltage output, open circuit, 35 V. Antennuator controls voltage output from 0 to maximum. Power output approximately 150 milliwatts. 110 VAC operation.

Model 561

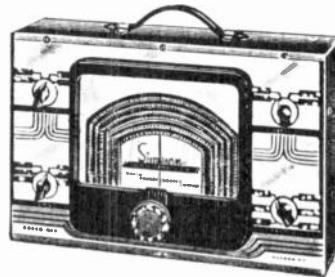
Net \$ 133.87



Model 576 Oscillator. 5 RF ranges: 65/205 KC, 205/650 KC, 650/2050 KC, 2050/6500 KC, 6.5/20.5 MC. Harmonics to 82 MC. Audio frequency, 400 cycles. Internal modulation, RF carrier modulated at approx. 50% at 400 cycles, can be cut off to provide unmodulated signal. External modulation jack provided. Stability assured by impregnated iron tuned inductors and air trimmers. 110 VAC operation.

Model 576

Net \$ 67.57

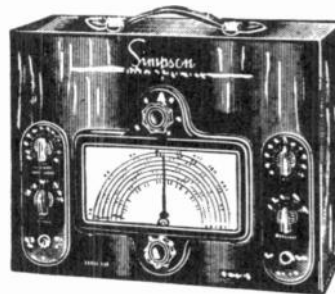


MODEL NO 315
SIGNAL GENERATOR

Attractive metal case, 110 VAC operation.

Model 315

Net \$ 66.00

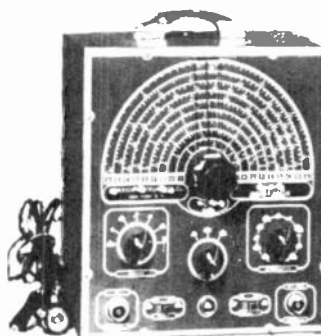


MODEL NO. 415
WIDE RANGE
SIGNAL GENERATOR

Model 415. Direct reading dial with continuous coverage from 70 KC to 130 MC. Ranges: 75/200 KC, 200/600 KC, 600/1750 KC, 1.5/4.5 MC, 4/15 MC, 14/30 MC, 29/65 MC, 58/130 MC. Accuracy, 1%. Practically independent of line fluctuation, stable calibration. RF output controlled throughout entire range. Modulation from 0 to 100% using either 400 cycle internal sine wave or an external source. Range from 0 to over 20 volts of 400 cycle sine wave is available for external use. Each instrument individually calibrated. Large easy to read dial and controls mounted on aluminum panel. Case is steel, copper plated for perfect shielding. All integral parts individually shielded. Band selector is of rotating turret coil type. Short leads minimizes strays. 110 VAC operation.

Model 415

Net \$ 112.70

**SUPERIOR INSTRUMENTS
SIGNAL GENERATOR**

Model 650. RF frequencies from 100 KC to 35 MC. All fundamentals in 7 bands. 2 additional bands provide harmonics from 25 to 105 MC. All etched directly on front panel. RF is obtainable separated or modulated by the AF. AM frequency, 400 cycles pure sine wave. New design 3 step ladder type attenuator multiplier, 10-100. Complete with coaxial cable test leads & instructions. Heavy gauge grey cabinet. 110 VAC operation.

Model 650

Net \$ 47.77

All used test equipment and receivers thoroughly tested and reconditioned by independent laboratories before being offered for sale to you.

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

RCA RIDER CHANNELYST
TYPE 162-C

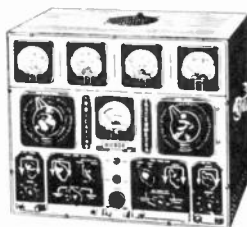
SIGNAL CHANALYST

RCA Chanalyst allows tracing of signal from input at antenna to speaker. Any point in chassis can be checked without interfering with reception. Locates hard to find troubles such as intermittents, shorts etc. The modern way to service receivers. 4 magic eyes on panel give indication of operation of RF-IF, AF, wattage & oscillator. Built-in electronic voltmeter measures DC voltages up to 500 volts in 4 ranges, plus or minus 0 to 5, 0 to 25, 0 to 100, 0 to 500. Input impedance, 11 megs. RF-IF channel frequency range, 96 KC-1700 KC. Oscillator channel frequency range, 600 KC-15000 KC. Audio frequency channel range, 150-50000 cycles. Complete with all probes & full operating instructions. 110 VAC operation.

Model 162-C

Net \$ 162.50

HICKOK Traceometer



Model 156 Multi-purpose test instrument permits servicemen to rapidly trace or follow a signal through the receiver from antenna to speaker. Checks all sections of set, RF, mixer, oscillator, IF, detector, discriminator, limiter, AF & power supply. All may be checked simultaneously to determine faulty section. 5 separate meters on panel show actual operating conditions. Built-in speaker for monitor. AF voltmeter has frequency

range of 20-20000 cycles & voltage measurements from 0-500 volts in 7 ranges. Input impedance, 2 megohms. DC voltmeter, 7 ranges, 0-500 volts. Wattmeter 0-150 watts. Many other features. 110 VAC operation. Complete with probes.

Model 156

Net \$ 157.00

MEISSNER 'Analyst'



Model 91040

Meissner Analyst. Completely equipped with all parts of the circuit. 5 separate & distinct channels provide as many different functions, each is separated in its own panelled division. Sections include 4 ranges of electronic voltmeter, wide range audio test channel, oscillator channel, RF-IF channel & line current channel. Will measure gain stage by stage, locates intermittents. Uses 4 electron ray indicators. Complete with cable, prods & instructions. 110 VAC operation.

Net \$ 111.57

McMundo Silver

MODEL 905 "SPARX"

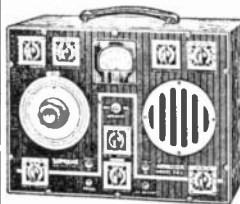


Isolated power transformer. Complete with leads and instructions.

Model 905

Net \$ 39.90

TRACERS SUPREME

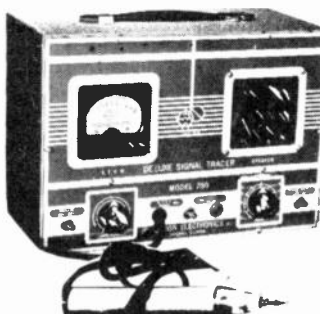


Model 562 Audolyzer uses only one probe. Traces signal from antenna to voice coil. Has one meter which incorporates VTVM & standard ohmmeter. Simple to use, no meter or eyes to watch, just listen for the signal. Electronic voltmeter up to 1000 volts, 5 ranges of ohms up to 20 megohms. RF range, 95 KC to 14.5 MC. Distortion can be checked by built-in speaker. Many other features. 110 VAC operation.

Model 562

Net \$ 124.46

PRECISION ELECTRONICS



New Deluxe model incorporates 4 stage electronic VTVM, panel meter & tracing probe. Simple & easy to operate. Gain, 12000. Frequency range, 20 cy. to 300 MC. Checks receivers for faders & intermittents. Built-in test speaker. 110 VAC operation.

Model 250

Net \$ 44.95

Model 200. Similar to above but does not have meter or VTVM.

Model 200 (Not illustrated) Net \$ 29.95

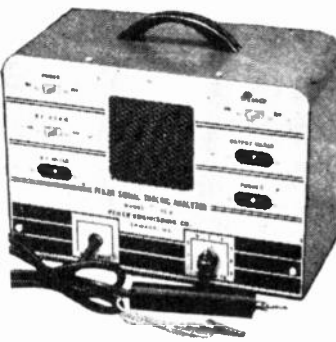


speco

Model STAC Signal Tracer complete with probe is simple, fast way to follow signal through set. Probe is detector & sensitive RF & AF amplifier with low capacity input & variable gain control. Audible & visual indication on magic eye. Excellent tone. Power output, 5 watts. 110 VAC operation.

Model STAC

Net \$ 44.95



FEILER

Models TS-2 & TS-3, "Stethoscope" servicing permits you to listen in at any point in receiver or amplifier. RF VTVM circuit permits visual indication of RF voltages. Jacks for output meter. Signal tracing probe. Built-in speaker. Jacks for phones.

Model TS-2, battery operated.

Model TS-3, AC 110 volts.

Model TS-2, less battery \$ 29.95

Model TS-3, complete \$ 34.95

Model TS-1 (Not illustrated) small battery model for phones, with probe, less batteries, Net \$ 9.85

SUPERIOR SIGNAL TRACER



Model CA-11 is simple to operate, only one connecting cable, no tuning controls. Highly sensitive, uses improved VTVM circuit. Tube & resistor-capacity network are built into detector probe. Traces signal from input to speaker with phones. Signal intensity meter on panel. Complete in hinged lid case with probe and instructions, ready to operate.

Model CA-11

Net \$ 18.38

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

TE

Hickok

TUBE TESTERS



MODEL 532P No. 532-P \$ 118.78

The true dynamic mutual conductance tube tester. Actually measures micromhos accurately on scale which is also marked BAD-GOOD. Actual laboratory testing possible with these testers. Will check all tubes now made with provision for later design tubes in future. Gas test. Noise Test Tests diodes separately. Uses two rectifiers to energize plate and grids. Filament voltages to 117 volts. New Roll Chart for fast testing. Sturdy carrying case with removable lid. 115 VAC Operation.

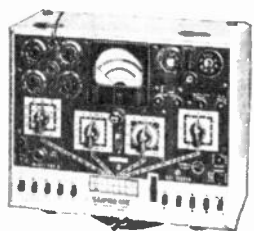


MODEL 534

Model 534 is identical to Model 532 listed above but has the added feature of AC and DC scales as listed. 0-20-200-500-1000-5000 Volts AC and DC, (DC 20000 ohms per volt, AC 1000 ohms per volt). DCMA, 0-5-20-200. 3 resistance ranges, .1 ohm to 100 megohms, no batteries necessary. Checks condensers from .0001 to 150 mfd. and electrolytic leakage. Inductance check to 100 Hy. DB ranges, -10 to +50. Large 4 1/2" meter for easy reading. Attractive portable carrying case with detachable lid.

No. 534 \$ 135.54

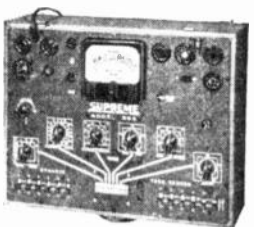
SUPREME



Model 599-A Tube and Set Tester. Designed to give the maximum amount for dollar invested, Circuit incorporates short, leakage and noise tests. Meter ranges cover all average requirements. Built-in roll chart for quick, easy tube settings. 5 DC voltage ranges, 0-6/1500 at 1000 ohms PV. 3 AC voltage ranges, 0-15/150/600. 3 DCMA ranges, 0-6/60/600. Output ranges, same as AC voltages. 4 Ohmmeter ranges, 0-200/20 meg. Condenser checker tests paper and electrolytics. Battery

tester tests all popular batteries on "Replace-Good" scale. Luggage type carrying case. 110 VAC operation.

Model 599-A Net \$ 61.25



Model 569 Dynamic Tube Tester. Utilizes patented double floating filament return selector system, only one socket of each type. New method of measuring dynamic operating characteristics of the tube under test. Simplified operation, minimum controls to set. Rugged 4" Supreme meter. Selects tubes "Good-Bad" on standardized percentage reading. Tests all tubes including latest sub-miniature. Filament voltage from 1 volt to full line. Uses recommended RMA leakage, short test. Noise test. Pointing arrows

simplify tube settings from easy rolling tube chart. Tubes cannot be inserted in wrong sockets. Beautiful oak hand rubbed case. 110 VAC operation.

Model 569 Net \$ 83.25

YOUR TRADE-IN'S WORTH MORE AT

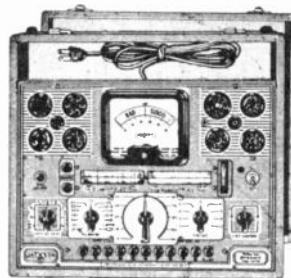
"THE WALTER ASHE STORE"

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

JACKSON

DYNAMIC TUBE TESTERS

With Built-in Rotary Tube Chart

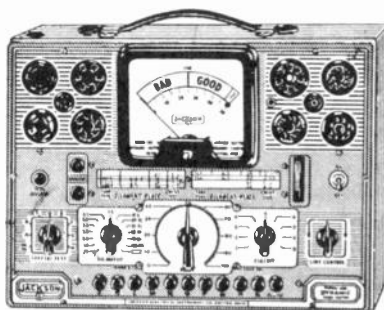


Model 636-CP

Model 636-CP uses "Dynamic" method of test. New high voltage power supply facilitates checking of tubes which may sometimes pass as good. Tests all tubes including bantams, loctal, single ended, miniatures, ballasts and panel lamps. Provision is made for spare sockets which can be used to protect tester from obsolescence. Improved roll chart. Filament selector switch from 1/4 volts to 115 volts marked on panel. Excellent short checking system. Noise test jacks for audible test of tube noise. Uses 4" square meter marked "Bad - Good". Beautiful leatherette carrying case with hinged removable lid.

No. 636-CP

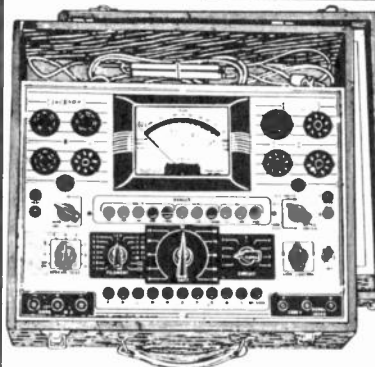
Net \$ 61.25



Model 636-B, bench style

Model 636-CB. Same tester as above but bench style metal cabinet. Two-tone grey finish, with leather handle.

No. 636-CB Net \$ 55.37



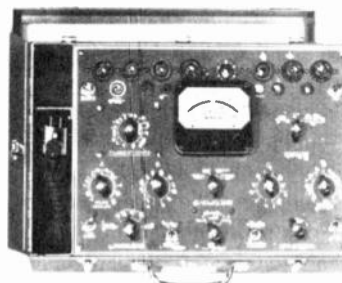
Model 637. The ideal combination for "in the shop or on the job". Combines the famous Jackson tube tester as listed above with 27 ranges including multi-range AC & DC voltmeter. Scales, 0-10/100/250/500/1000/2500. DCMA ranges, 0-1/10/100/250. DC amps 0-10. Ohms, 0-3000/300000/30 meg. Push button selector for meter ranges. Complete in portable carrying case with hinged removable lid.

No. 637 Net \$ 87.71

WESTON

TUBE CHECKER — MODEL 798 Type 5

MUTUAL CONDUCTANCE



Weston's new method of mutual conductance tube testing. Condition of tube shown in "Bad-Good" scale & directly in micromhos. Adjustable plate, screen, signal & grid voltages. Tests all types of tubes. Hot neon leakage test between elements. Power supply designed for applying 4 different plate potentials & various screen potentials. Short check. 2 spare sockets. Metal carrying case.

No. 798 Net \$ 204.05

WESTON INSTRUMENTS

WESTON 769



A modern electronic Volt-Ohmmeter and conventional VOM incorporated in one unit. Electronic section provides measurements as follows: DC voltage, 0-3/12/30/120/300/1200. Resistance: 0-2000/20000/200000/2 meg/20 meg/2000 meg. Conventional section DC voltage range at 1000 ohm PV, 0-3/12/30/120/300/1200. AC voltage ranges at 1000 ohms PV, same as above. DB, -6 to -62 in 6 ranges. DC current, 300 microamps/1.2/6/30/120/600 MA. Ohms, 2000/20000/200000. An RF probe capable of frequency range of 50 cycles to 300 MC is included. In sturdy wood carrying case. Size: 10" x 13" x 6 1/8" Complete with leads and probe.

No. 769

Net \$ 173.25

MODEL 785 - TYPE 6



A multi-purpose multi-range inductance circuit tester. Used in communication systems, telephone circuits, radios, signal systems, police fire and burglar alarms, etc. 27 ranges. 6 DC voltage ranges, 0-1/1000 at 20000 ohms PV. 6 AC voltage ranges, 0-5/750 at 1000 ohms PV. 6 DC current ranges, 0-50 microamps to 10 amps. 4 AC current ranges, 0-.5 to 10 amps. 5 ohmmeter ranges, 0-3000 to 30 megohms. (Self-contained batteries). In oak carrying case. Size: 13" x 12 1/2" x 5 1/2". Complete with test leads.

No. 785

Net \$ 110.25



A supersensitive analyzer with DC voltage ranges of 0-2.5 to 1000 volts at either 20000 or 1000 ohms PV. 5 AC voltage ranges, 0-2.5 to 1000 volts at 1000 ohms PV. 7 DC current ranges, 0-.1 to 10 amps. 5 DB ranges, -14 to +54. 4 resistance ranges, 0-3000 to 30 meg. Wood carrying case. Size: 6 3/8" x 9 1/8" x 4 7/8". Complete with leads.

No. 779

Net \$ 87.25

MODEL 697



Pocket size portable instrument in bakelite case. AC & DC voltage ranges, 0-7.5/15/150/750 at 1000 ohms PV. DC current ranges, 0-7.5/75. Resistances, 0-5000/1/2 meg. Size: 5 1/2" x 3 1/2" x 3 1/2". Complete with test leads.

No. 697

Net \$ 34.65

MODEL 689 OHMMETERS

Small size for portability. Model 1-E double range, 0-5000 and 50000 ohms. Model 1-F double range, 0-10 and 0-1000 ohms. Size: 5" x 2 7/8" x 1 7/8". Complete with leads.

No. 689, Type 1-E
No. 689, Type 1-F

Net \$ 18.90
17.85



Simpson

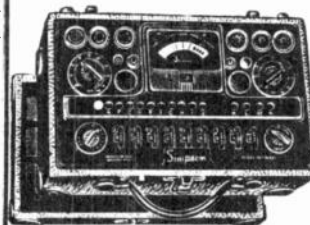


MODEL NO. 305
TUBE TESTER

Simpson 305 tube tester combines attractive appearance, compactness & versatility. Filament voltage from .5 volts to 120 volts. Tests all types of tubes now on market. New 3-way switching method makes testing possible regardless of base connections. Spare socket for future tubes. Also tests pilot lights, Christmas tree bulbs and ballasts. Neon short checker. Smooth line voltage control. Carrying case in longwearing leatherette. "Bad-Good" scale.

No. 305 Net \$ 48.51
No. 305-RC With built-in roll chart. 58.31

No. 305-C Counter type 48.51
No. 305-C-RC " " with roll chart 58.31

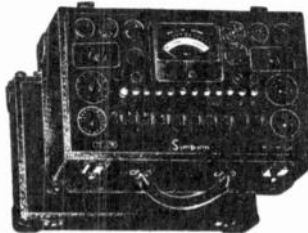


MODEL NO. 330
MUTUAL CONDUCTANCE
TUBE TESTER

Model 330 is a mutual conductance tube tester with revolutionary new switching arrangement. Tests tubes in terms of percentage of rated dynamic mutual conductance. Scale reads "Bad-Good" and also in micromhos. Automatic reset insures speedy checking. Uses 4 1/2" meter. Tests all tubes including acorns. Short test. In sturdy plywood case, fabrikoid covering.

No. 330 Net \$ 96.53
No. 330-RC With built-in roll chart. 110.25

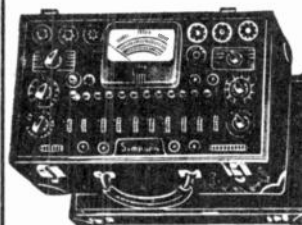
No. 330-C Counter type 96.53
No. 330-C-RC " " with roll chart 110.25



MODEL NO. 335
PLATE CONDUCTANCE
TUBE TESTER

Model 335-RC is a plate conductance tube tester. Dial calibrated in "Bad-Good" and indication of percentage of rated plate conductance. Minimum of settings enables user to make fast tube tests. Reliable short test. Housed in handy portable case with removable lid.

No. 335-RC With built-in roll chart. Net \$ 83.30



MODEL NO. 445
PLATE CONDUCTANCE
TUBE & SET TESTER

Model 445-RC plate conductance type tube tester with built-in roll chart. Same as above but incorporates meter ranges as listed: AC & DC voltages, 0-2 1/2/10/50/250/1000/5000. (DC 20000 ohms PV, AC 1000 ohms PV) DCMA, 0-10/100/500. Microamps, 0-100. DB, 5 ranges, -10 to +52. Output ranges, same as AC volts. Ohms, 0-2000/200000/20 meg.

No. 445-RC Net \$ 107.80

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

G-C Alignment Screw Driver

Low Inductance Metal Tip screw driver made of "Genflex" material—strong—durable, completely insulated, $\frac{1}{4}$ " diameter x 6" long.
No. 5000 Net \$.24

G-C Duplex Alignment Screw Driver

Low Inductance Metal Tip on both ends made of "Genflex" material. One end is $\frac{1}{4}$ " and other end is turned down to $\frac{7}{32}$ " diameter for small jobs. Strong—Durable—completely insulated tool.
No. 5001 Net \$.45

G-C "Strato" Tuning Wand

Made of "Genflex" rod with Brass cylinder on one end and Iron core on other end. Used for adjusting and checking coils. By inserting Iron core end you increase the Inductance and inserting brass end lowers Inductance.
No. 5002 Net \$.59

G-C RCA Aligning Tool

Made of $\frac{1}{4}$ " Bone Fibre, narrow screw driver on one end and screw nib inserted on other end. Used on RCA sets and others.
No. 5003 Net \$.45

G-C No-Metal Insulating Adjustment Screw Driver

Made of Black Bone Fibre. Indispensable for aligning all-wave sets. Will give long service. Ends can be re-ground.
No. 5004—7" long Net \$.24

G-C Insulated Hex Wrench and Screw Driver

Combination hex wrench and insulated screw driver. The screwdriver may be extended from handle to provide extra long length.
No. 5005—extends from 7-13" Net \$.45

Non-Extension Type

Same as above except screwdriver is permanently attached in wrench. Length not adjustable. Overall length 6 inches.
No. 5007 Net \$.24

G-C Alligator and Wrench Aligning Tool

Made of $\frac{7}{32}$ " Bone Fibre with alligator on one end and $\frac{1}{4}$ " metal Hex Wrench on other end.
No. 5012 Net \$.30

G-C Wrench and Screw Driver Aligning Tool

Made of $\frac{7}{32}$ " Bone Fibre with $\frac{1}{4}$ " Hex Wrench on one end and Screw Driver with metal nib on other end.
No. 5013 Net \$.45

G-C No. 5014 Alignment Tool

Made of Bone Fibre, combination tool. Consists of Screw Driver with metal nib, $\frac{1}{4}$ " Hex Wrench slotted and $\frac{5}{16}$ " Hex Wrench on other end.
No. 5014 Net \$.59

Radio

G-C No. 5015 Alignment Tool



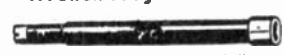
Made of Bone Fibre, combination tool. Consists of Screw Driver with metal nib, $\frac{5}{16}$ " Hex Wrench, $\frac{1}{4}$ " Hex Wrench slotted, with metal screw driver on one end.
No. 5015 Net \$.80

G-C No. 5016 Alignment Tool



Made of Bone Fibre combination tool that can be used for most purposes. Consists of Screw Driver with metal nib, $\frac{5}{16}$ " Hex wrench, $\frac{1}{4}$ " Hex side wrench and $\frac{1}{4}$ " hex end wrench slotted.
No. 5016 Net \$.80

G-C Duplex Insulated Wrench Alignment Tool



Made of Bone Fibre with $\frac{1}{4}$ " Hex Metal Wrench on one end and $\frac{5}{16}$ " Hex Metal Wrench on other end.
No. 5017 Net \$.74

G-C Insulated Aligning Wrenches



Made of Bone Fibre Tubing. Hexed full length inside. so end of wrench can be cut off when worn out, and tool is as good as new again.

Number	Net
5053 6"	\$.21
5054 8"	.24

G-C HEXAGON AND BRISTO KEY WRENCHES

Essential Key wrenches for every repair man. Both Hex and Bristo Types made of special alloy steel properly hardened. Used on Knobs, Dials, Motors, Pulleys, etc.



HEX KEY WRENCHES

No. 5029—Kit 6 Hex Key Wrenches for No. 4 to $\frac{1}{4}$ " Set Screws and No. 2 to 8 Cap Screws in Leatherette Case Net \$.30

BRISTO KEY WRENCHES

No. 5070—Kit 6 Bristo Key Wrenches for No. 4 to $\frac{1}{4}$ " set screws and No. 2 to No. 8 cap screws in Leatherette Case Net \$.45

AMPHENOL



Neutralizing tool for UHF alignment. Pure polystyrene 912-A. No hand capacity.

No. 55 Net \$.15

Tools Wire Strippers

G-C "SPEEDEX" WIRE STRIPPER

Fast operating precision made hand tool strips insulation from all types of wire. This stripper saves considerable time in Aviation Industry, Automotive Industry, Army, Navy, Signal Corps and Tank Corps. An ideal tool for Manufacturers, Electricians, Radio Men, Ignition Experts and Maintenance Men.

Speedex Wire Stripper can be used as a production tool on the bench or as a portable hand tool wherever needed. 750 to 1000 wires can be stripped per hour by girls or men.

Speedex Strippers are made to strip wire sizes No. 8 to No. 30. Hardened Steel precision ground cutting blades are interchangeable and can be purchased separately.

AUTOMATIC MODEL

With "stay open feature" for stripping fine stranded wires. Automatically holds jaws open until wire is removed. Strips all types fine stranded wire without crushing. Can also be used on solid wire.



No.	Wire	Net
744	12 to 20	4.70
744-A	14 to 24	
744-B	10 to 18	
744-C	8 to 10	

Sizes below specially made for Aviation Industry and Aviation Stranded Wires. Cutters made to fit wire sizes as listed, for perfect stripping without marring flexible Aviation

Wires	Wire	Net
744-D	16, 18, 20	4.70
22		
744-E	14, 16, 18	
744-F	10, 12, 14	
744-G	For No. 18 P.O.S.J. or parallel wire	Net \$ 4.70

Speedex Automatic Strippers completely enclosed positive action.

STANDARD MODEL

This is the most popular Speedex Model and is satisfactory for 90% of stripping jobs illustrated on the right.

For sizes as listed	Wire	Net
733	12 to 20	3.53
733-A	14 to 24	
733-B	10 to 18	
733-C	8 to 10	



For sizes as listed	Wire	Net
733-D	16, 18, 20	3.53
22		
733-E	14, 16, 18	
733-F	10, 12, 14	
733-G	For No. 18 P.O.S.J. or parallel wire	Net \$ 3.53

Shipping Weight 1 Lb. Each Standard Carton 12 Strippers Net
Extra Cutting Blades—any size. .88

NEW! G-C WIRE STRIPPER

Sensational 5 in 1 tool made of hardened steel. Is a wire stripper, scraper, cutter, screw driver, and wire winder all in one. Save time by having one on your bench and one in your tool kit. A real tool!

No. 757 —Wire stripper Net \$.15



Shims

G-C SWEDISH STEEL SPEAKER SHIMS

The best shims for centering voice coils. Swedish steel, very flexible. 4 sizes in kit,

No. 701 Net \$.39



FIBRELOID SPEAKER SHIMS

Kit consists of 5 sizes, tough and flexible.

No. 702 Net \$.36

G-C KNOB PULLER



Now you can easily remove those knobs that are hard to grip. Simply slip the G-C puller behind the knob and pull it off. Saves time, the cabinet, and the knob. Have one in your shop and in your tool kit!
No. 1063—Knob Puller Net \$.15

It pays to investigate our liberal trade-in policy, see us before you trade or buy.

Test Lites

G-C NE-O-LITE TESTER

Handy, inexpensive Ne-O-Lite tester that every Radio Man should have for testing A.C. Lines, polarity of A.C. or D.C., testing for blown fuses, tracing ground line in A.C., as a R.F. indicator Spark Plug tester and 101 other uses. Can be used on 60 V. A.C. to 600 V. A.C. or D.C.
No. 5100 —Single tester on card Net \$.49



G-C INSPECTION LITE

LIGHT WHERE YOU WANT IT — 110v. AC or DC

Just the light for Service work in the field. Lights up those hard-to-see corners in Chassis and Refrigerators. Handy for coloring dial light bulbs. Dip bulb in coloring and job is done.
No. 705 Net \$.88



RUBBER BUMPER FEET



Small size, net e. \$.02
Large size, .05

KRAUTER Fine Tools

THIN NOSE COMBINATION



Number	Size	Net
40	6", no cutter	\$ 1.04

ELECTRICIANS' SIDE CUTTING PLIERS



Number	Size	Net
1830	4", with cutter	\$ 1.37
1830	5", " "	1.46
1830	6", " "	1.58
1830	7", " "	1.75
1830	8", " "	2.04

DIAGONAL "OBLIQUE" CUTTING PLIERS



Number	Size	Net
4501	4 1/2", with cutter	\$ 1.41
4501	5", " "	1.58
4501	5 1/2", " "	1.76
4501	6", " "	1.83

WIRE STRIPPING DIAGONAL CUTTING PLIERS



Number	Size	Net
2612	6 1/2", with cutter	\$ 2.30

ROUND NOSE . ROUND JAW



Number	Size	Net
1611	5" no cutter	\$ 1.33

LONG CHAIN NEEDLE NOSE



Number	Size	Net
1661	6" with cutter	\$ 1.75

EXTRA LONG CHAIN NOSE



Number	Size	Net
1781	7" with cutter	\$ 2.04

Number	Size	Net
1771	7" no cutter	\$ 1.79

Professional Line MEDIUM NOSE SPECIAL NEEDLE POINT PLIERS



Number	Size	Net
825	5" with cutter	\$ 2.08

LONG NOSE SPECIAL NEEDLE POINT PLIERS



Number	Size	Net
826	6" with cutter	\$ 2.17

EXTRA LONG NOSE SPECIAL NEEDLE POINT PLIERS



Number	Size	Net
827	7" with cutter	\$ 2.42

Number	Size	Net
837	7" no cutter	\$ 2.21

speco PLASTIC RADIO PLIERS



Not a substitute for metal pliers but very useful for specialized jobs on radios, appliances etc. Light in weight - only 1 1/2 oz. Absolutely shock-proof and non-magnetic. 6000 volt breakdown.

No. PRP	Net \$.88
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XCELITE

PLASTIC HANDLE NUT DRIVERS



6" Length Overall

Number	Nut Size	Net
6	3/16"	\$.44
7	7/32"	.44
8	1/4"	.44
9	9/32"	.44
10	5/16"	.44
11	11/32"	.44
12	3/8"	.44
14	7/16"	.56
16	1/2"	.56

SCREWDRIVERS ROUND BLADE



Number	Blade Size	Net
R-181	1/8 x 2	\$.18
R-183	1/8 x 3	.18
R-184	1/8 x 4	.30
R-186	1/8 x 6	.33
R-188	1/8 x 8	.36
R-5323	5/32 x 3	.36
R-5324	5/32 x 4	.36
R-5325	5/32 x 5	.36
R-5328	5/32 x 8	.42
R-3163	3/16 x 3	.42
R-3164	3/16 x 4	.44
R-3166	3/16 x 6	.50
R-3168	3/16 x 8	.53
R-31610	3/16 x 10	.59
R-144	1/4 x 4	.53
R-146	1/4 x 6	.56
R-148	1/4 x 8	.62

STUBBY SCREWDRIVERS



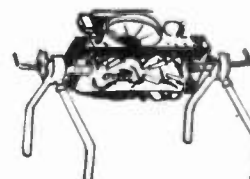
Number	Blade Size	Net
S-3161	3/16 x 1	\$.33
S-141	1/4 x 1	.39

PHILLIPS SCREWDRIVERS



Number	Blade Size	Net
X-108	8"	\$.62
X-101	3"	.56
X-103	6"	1.09
X-104	8" H.D.	1.21

ACRO CHASSIS CRADLE



A rigid chassis holder with positive action clamps for holding sets or chassis while being worked on.

No. 1512	Net \$ 4.85
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TO

SIGNAL PORTABLE ELECTRIC DRILLS

OB-8 1/4"
Light Duty
NET
\$ 23.52

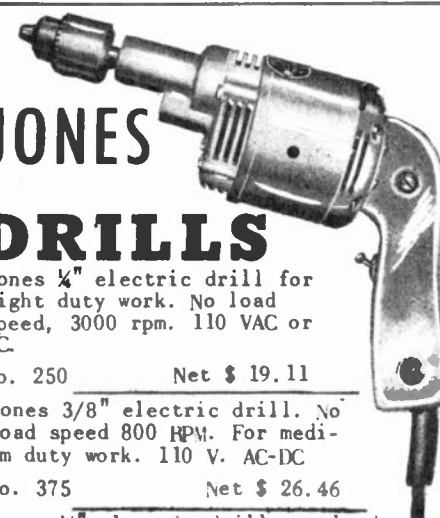


OB-4 1/4"
Standard Duty
NET
\$ 27.57

SPECIFICATIONS

	OB-8	OB-4
Motor	AC, DC 110V	AC, DC 110V
Speed, No load, rpm	2950	1700
Amperes, No load	1.0	.9
Capacity - Steel	1/4"	1/4"
	Hardwood 1/2"	1/2"
Chuck - Jacobs, 3 jaw with key.		
Switch - Trigger with lock.		
Cord - 7 ft. HD rubber.		

JONES



DRILLS

Jones 1/4" electric drill for light duty work. No load speed, 3000 rpm. 110 VAC or DC.

No. 250 Net \$ 19.11

Jones 3/8" electric drill. No load speed 800 RPM. For medium duty work. 110 V. AC-DC

No. 375 Net \$ 26.46

Jones 1/2" electric drill. No load speed, 400 rpm. 110 VAC or DC.

No. 500 Net \$ 28.91

ALL ABOVE DRILLS COME WITH EITHER JACOB OR ALMOND KEY CHUCKS AS STANDARD EQUIPMENT. FURNISHED COMPLETE WITH 5 FT. FLEXIBLE CORD & SWITCH IN HANDLE.

KELLEMS COMPANY TUBE PULLERS



A handy Indian grip tube puller, 4 sizes in set.

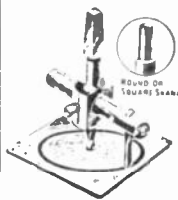
Net per set \$ 2.25

WALTER ASHE RADIO CO.

Tools

GENERAL

circle cutter



A heavy duty tool for hand or electric drill. Cuts holes 1" to 5 1/2" in steel & other hard materials.

No. 5 Square Shank	Net \$ 1.88
No. 5-A 5/16" Round Shank	1.88
No. 5-B 1/2" Round Shank	1.88
Extra cutting blades for above,	.30

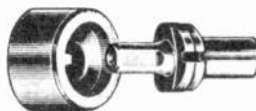
GREENLEE PUNCH



Size	Net
5/8"	\$ 1.93
3/4"	1.93
7/8"	1.93
1"	2.11
1 1/16"	2.25
1 1/8"	2.25
1 5/32"	2.25
1 3/16"	2.25
1 1/4"	2.25
1 3/8"	2.56
1 1/2"	2.88

Cuts clean, accurate holes in metal without reaming or filing.

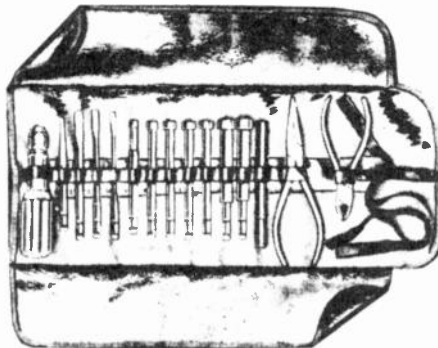
AMPHENOL PUNCHES



For cutting holes for Amphenol sockets. Keyed.

No. LD1	1 11/64" hole	Net \$7.06
No. LD2	1 21/64" hole	7.06

WALDEN WORCESTER SPINTITE WRENCHES



Deluxe Spintite sets containing all popular radio and ignition size tools. Wrench sizes: 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, and 1/2". Screwdriver: 1/8 x 4", 3/16 x 4", 1/4 x 4". Reamer 1/16-3/16. 6" long nose plier, 5" diagonal cutter, neutralizing tool and Universal handle. Complete in leatherette roll.

No. T-52	Net \$ 8.23
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Same as above but less pliers and neutralizing tool.

No. T-51	Net \$ 5.00
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JIFFY-TITE

SCREW-HOLDING SCREW DRIVERS



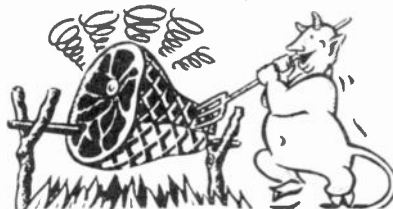
MOVING
SLIDE
DOWN
C.R.I.P.S.
SCREW

Number	Overall Size	Blade Size	Net
1	8"	1/4"	\$ 1.18
2	8"	3/16"	1.18
3	9"	5/16"	1.30
4	5"	1/4"	1.03
5	5"	3/16"	1.03
6	8 1/2"	5/32"	1.18
7	11 1/2"	5/32"	1.30

SOME LITTLE HAMS GO TO..



& SOME LITTLE HAMSGO TO..



but HAMS "in the know" GO TO

WALTER ASHE

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THE NEWEST and BEST IN

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CONSTANT VOLTAGE-AUTOFORMERS

SOLA CONSTANT VOLTAGE TRANSFORMERS

Part	Enclosure Type	Volt Amperes	Voltage		Net
			Input	Output	
30785	11	17	95-125	6.3	\$ 20.00
30955		17	95-125	115.0	20.00
301002	12	15	95-125	6.3	18.50
301003		15	95-125	115.0	18.50
30488	1	15	95-125	6.0	15.00
30492		15	95-125	6.3	15.00
30498		15	95-125	115.0	15.00
30804	2	30	95-125	115.0	17.00
30805		60	95-125	115.0	24.00
30806		120	95-125	115.0	32.00
30801	21	25	95-125	6.0	16.00
30802		50	95-125	6.0	22.00
30881		25	95-125	6.3	16.00
30882		50	95-125	6.3	22.00
30885	22	60	95-125	115.0	24.00
30886		120	95-125	115.0	32.00
30807	3	250	95-125	115.0	52.00
30M807		250	190-250	115.0	52.00
30808		500	95-125	115.0	75.00
30M808		500	190-250	115.0	75.00
30809	4	1000	95-125	115.0	125.00
30M809		1000	190-250	115.0	125.00
30811		2000	95-125	115.0	225.00
30M811		2000	190-250	115.0	225.00
30M813	41	3000	95/190-125/250	115.0	300.00
30M814		4000	95/190-125/250	115.0	380.00
30M815	5	5000	95/190-125/250	115.0	475.00
30M816		5000	95/190-125/250	230.0	475.00
30M817	6	10,000	190/380-250/500	115.0	930.00
30M818		10,000	190/380-250/500	230.0	

THORDARSON AUTOMATIC VOLTAGE REGULATORS

Type	Vtg.	Primary Volts 60 Cycles	Secondary Load Volts	VA	Net
T-23V06	KTF	95-130	6.3	20	\$ 29.40
T-23V00	KTF	95-130	110-115-120	40	33.81
T-23V01	KTF	95-130	110-115-120	100	38.22
T-23V02	KTF	95-130	110-115-120	250	52.92
T-23V05	KTF	94-130	110-115-120	500	79.38
T-23V10	KTF	95-130	110-115-120	1000	135.24

Autotransformer-Voltage Changer Transformers

Type	Mtg.	Primary Volts 60 Cycles	Secondary Load Volts	VA	Net
T-23V21	GMV	220-250(50-60 Cycle)	110-125	80	\$ 5.88
T-23V22	GMV	220-250(50-60 Cycle)	110-125	150	7.06
T-23V23	GMV	220-250(50-60 Cycle)	110-125	250	8.82
T-23V24	GMV	220-250(50-60 Cycle)	110-125	500	11.76

UTC STEP DOWN AUTO-TRANSFORMERS

Type	Application	Weight Lbs.	Net
R-41	85 watt capacity	4	\$ 4.41
R-42	125 watt capacity	5	5.00
R-43	175 watt capacity	5½	5.59
R-44	250 watt capacity	6½	7.35
R-45	500 watt capacity	12	11.76
R-46	1200 watt capacity	18	20.58
R-64	2500 watts, no cord	30	41.16

UTC VARITRAN CONTROLS

Type	Input Voltage	Output Voltage	Watts	Maximum Amps.	Figure	Net
V-0	115 volts	0-130	230	2	A	\$ 11.27
V-0-B	230 volts	0-260	230	1	A	14.70
V-1	115 volts	0-130	570	5	B	17.15
V-1-M	115 volts	0-130	570	5	C	28.42
V-2	115 volts	0-130	570	5	A	14.70
V-2-B	230 volts	0-260	570	2.5	A	17.64
V-3	115 volts	0-130	850	7.5	A	21.56
V-3-B	230 volts	0-260	850	3.75	A	28.42
V-4	115 volts	0-130	1250	11	A	31.36
V-4-B	230 volts	0-260	1250	5.5	A	39.20

CHOKES

THORDARSON CHOKES

Swinging and Smoothing Universal Types

Type	Mounting	Inductance Rated DC	Current Rated MA	D.C. Res.	R.M.S. Test Volts	Net
T-20C50	BAH	350	5	5500	2000	\$ 1.76
T-20C51	BAH	35	15	1850	1200	1.18
T-20C52	BAH	8	40	450	1200	1.12
T-20C53	BAH	12	80	375	2000	1.56
T-20C54	GCV	8	150	145	2700	2.50
T-20C55	GGV	6	200	75	2700	3.23
T-20C56	GGV	7	300	60	3500	4.56
T-20C57	PUV	10	500	65	7500	17.64

Tuned Audio Circuit Reactor

Type	Mounting	Inductance Rated DC	Current Rated MA	D.C. Res.	R.M.S. Test Volts	Net
T-20C58	BAH	.75	0	30	1100	\$ 1.18

Dual Tone Control Components

Type	Mounting	D.C. Res	RMS Test Volts	Net
T-20C74	RAV	(Hum Bucking Coil & Core) Dual Tone Control Potentiometer	220 1100	\$ 2.35
k-1068-X				2.44

Splatter Suppressor Chokes

Type	Mounting	Application	D.C. Res.	RMS Test Volts	Net
T-20C60	KTV	Inductance .2 to 1.5 H at 300 MADC	30	7500	\$ 10.00
T-20C61	KTV	Inductance .2 to 1.5 H at 500 MADC	27	7500	11.76

Band Pass Speech Filter

Type	Mounting	Application	Net
T-20C73	RTV	200 to 3500 Cycle Band Pass Filter	\$ 9.41

UTC CHOKES

Type	Service	Inductance	Current	Resistance	Insulation	Case	Net
S-23	Audio	500 Hy.	5 Ma.	6000 ohms	1500 V.	G-2	\$ 3.33
S-24	P.P. Choke	500 Hy. CT	3 Ma.	4000 ohms	1500 V.	G-2	3.63
S-25	Filter	30 Hy.	30 Ma.	900 ohms	1500 V.	G-2	3.04
S-26	Filter	15 Hy.	60 Ma.	230 ohms	1500 V.	G-2	3.04
S-27	Filter	30 Hy.	75 Ma.	350 ohms	1500 V.	G-4	3.72
S-28	Filter	20 Hy.	100 Ma.	350 ohms	1500 V.	G-4	3.72
S-29	Filter	10 Hy.	175 Ma.	95 ohms	1500 V.	G-4	3.72
S-30	Swinging	5/25 Hy.	175 Ma.	95 ohms	1500 V.	G-4	3.72
S-31	Filter	20 Hy.	225 Ma.	120 ohms	2700 V.	G-5	4.90
S-32	Swinging	5/25 Hy.	225 Ma.	120 ohms	2700 V.	G-5	4.90
S-33	Filter	20 Hy.	300 Ma.	90 ohms	4000 V.	G-7	6.86
S-34	Swinging	5/25 Hy.	300 Ma.	90 ohms	4000 V.	G-7	6.86
S-35	Filter	20 Hy.	400 Ma.	85 ohms	5000 V.	G-8	10.29
S-36	Swinging	5/25 Hy.	400 Ma.	85 ohms	5000 V.	G-8	10.29
S-37	Filter	20 Hy.	550 Ma.	60 ohms	6000 V.	G-8	13.72
S-38	Swinging	5/25 Hy.	550 Ma.	60 ohms	6000 V.	G-8	13.72

STANCOR CHOKES

Filter Chokes

Part No.	Mtg.	Rating Inductance at MA. D.C.	DC Res.	R.M.S. Volts Insulation	Net
C-1003	A	16.0 hy at 50 ma	580	1500	\$ 1.11
C-1002	A	15.0 hy at 75 ma	400	1500	1.53
C-1001	A	10.5 hy at 110 ma	225	3000	1.92
C-2303	A	2.5 hy at 130 ma	100	2000	1.35
C-2304	A	2.3 hy at 150 ma	60	1500	1.35
C-1710	A	7.0 hy at 150 ma	200	1500	1.83
C-1411	C	4.5 hy at 200 ma	80	3000	3.42
C-1412	C	4.0 hy at 250 ma	60	3000	4.02
C-2308	C	8.0 hy at 300 ma	80	3000	5.94
C-1413	D	8.0 hy at 300 ma	80	5000	6.30
C-1414	D	7.5 hy at 400 ma	60	5000	8.28
C-1415	FS	6.0 hy at 500 ma	75	7500	17.10

Swinging Chokes

Part No.	Mtg.	Min. Swing Inductance DC Res.	Approximate Range of Inductance at DC MA.	R.M.S. Volts Insulation	Net
C-1718	C	10 hy 130	13.5-3.5 hy at 15-150	2000	\$ 2.97
C-1400	C	10 hy 100	12-2 at 17.5-175	3000	2.76
C-1401	C	10 hy 80	12-2 at 20-200	3000	3.42
C-1402	C	10 hy 60	12-2 at 25-250	3000	4.02
C-1720	N	16 hy 80	20-4 at 30-300	3000	4.59
C-2307	C	16 hy 80	20-4 at 30-300	3000	5.94
C-1404	D	14 hy 60	17-3 at 40-400	5000	8.28
C-1405	FS	12 hy 75	16-4 at 50-500	7500	17.10

DRIVER

THORDARSON DRIVER TRANSFORMERS

Specific Duty and Multi-Match

Type	Mounting	Driver Tubes Application	Output Tubes Application	Ratio Primary to 1/2 Secondary	Primary MA	Net
T-20D75	BAH	1-30, 1-49, 1-6C5 1H4, (Single Plate)	1J6, 19, 2-40, 2-49, (Class B)	2.4:1	3	\$ 1.41
T-20D76	BAH	1-6N7, 6A6, 53, 1-76 (Single Plate)	1-6N7, 6A6, 53 (Class B)	5.2:1	7	1.47
T-20D77	FGV	1-89, 6F6, etc. Triode 1-6C5, (Single Plate)	79, 2-46, 59 (Class B) 2-6F6, 26L6 (Class AB ₂)	2.5:1	30	2.21
T-20D78	GGV	2-6F6, etc. Triode 2-6A6, S3	2-6L6 (Class AB ₂) 2-6N7 (Class B) ²	4:1	40	2.94
T-20D79	FGV	2-6N7 etc. (Single or P-P Pri)	2-6N7 etc. (P-P Class B Grids)	5.2:1	30	2.50
T-20D80	GGV	2-2A3, 45, 6L6 (P-P Pri.)	203A, T20, T55, 805 100TH, etc. (Class B)	3.2:1 2:1	40	3.47
T-20D81	GGV	P-P 845, etc. (P-P Pri.)	P-P 805, 833, etc. (P-P Class B Grids)	5:1	50	4.41
T-20D82	GGV	2-2A3, 45, 6L6 (P-P Pri.)	P-P 805, 833 etc. (P-P Class B Grid)	5:1 4:1	60	3.82
T-20D83	PUV	Pri. 500 ohm Line	(Class B Grids) Ratio 1: .75, 1: .85, 1: 1.25, 1: 1.4 1: 1.75, 1: 2, 1: 2.25, 1: 2.5, 1: 2.75, 1: 3.	15 watts capacity		13.52

UTC Universal Driver Transformers

Type	Application	Case	Net
S-8	Single driver plate to push pull grids	G-3	\$ 3.92
S-9	Push pull driver plates to grids of class B tubes up to 400 watts output	G-4	5.10
S-10	Push pull 56, 6C6 triode, 6C5, or similar plates to 45's, 2A3's or 6L6's, self or fixed bias	G-3	4.61

Type	Application	Primary Impedance	Reflected Secondary Impedance	Maximum Unbalanced DC in Primary	Case No.	Net
LS-5	Driver, multiple line to class B 838's, ZB-120's, 203A's and similar tubes.	50, 125, 200, 250, 333, 500/600 ohms	2,000 ohms; 1:2 overall turns ratio	5 MA	LS-2	\$ 24.70
LS-6	Driver, push pull 45's, 59's, 2A3's, 6A5G's, etc. to push pull 845 or 211D grids	5,000 ohms plate to plate	2.25 primary impedance; turns ratio 1.5:1 overall	5 MA	LS-2	18.23
LS-7	Push pull 56, 6C5 or similar plates to A prime 45's, 42's, 6F6's, 2A3's, 6L6's	30,000 ohms plate to plate	.45 primary impedance turn ratio 1.5:1 primary to secondary.	1 MA	LS-2	18.23
LS-47	Driver from push pull 2A3's, 6A5G's, or 300A's to class B 838's, 203A's, 805's, or ZB120's	5,000 ohms plate to plate	.1 primary impedance turns ratio, Pri./1/2 Sec. 3.2:1	5 MA	LS-2	20.58
LS-48	Driver transformer push pull 845's to 204 or 849 grids in class B.	12,000 ohms plate to plate	.038 primary impedance turns ratio, Pri./1/2 Sec. 5.1:1	15 MA	LS-3	29.40
LS-49	Push pull parallel 2A3, 6A5G, or 300A tubes to four 838, 203A, 805, or ZB120 tubes	2,500 ohms plate to plate	Ratio Pri./1/2 Sec. 4:1 and 2.5:1	10 MA	LS-3	24.70

UTC Varimatch Driver Transformers

Type	Primary	Typical Output Tubes	Case	Net
CG-51AX	All single tubes like: 6C5, 30, 49, 53, 79, 89, 6A6, 45, 46, 2A3	19, 30, 49, 79, 89, 2A3, 45, 46, 6L6, 42, 59	RC-87	\$ 6.17
CG-53AX	P.P. tube like: 45, 50 2A3, 6B5, 6L6	46, 4-46, 841, 210, 801, PK-18, 800, 203A, 838, 805, 50T, 830B	RC-112	7.35
CG-59AX	50, 200, 500 ohm line	805, 838, 203A, ZB-120, 100TH, 800, 55T, PK-18	RC-112	7.35
CG-238AX	4-2A3, 4-45, 4-50, 2-211A, 2-845	4-805's, 4-838's, 4-203A's, 2-204's, 2-849's, 2-HF300's, 2-HF200's, 2-250TH's, 2-450TH's	RC-150	18.82
CG-512	50, 200, 500 ohm line	2-250TH, 2-450TH, 2-HF200, 2-HF300, 2-204A, 2-849	RC-150	17.64

We have a nationwide reputation for fair dealing on trade-ins and we resell used receivers and test equipment only after having independent laboratories test and recondition this equipment.

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FILAMENT

THORDARSON FILAMENT TRANSFORMERS

Type	Mounting	Secondary		Ins. RMS	Net
		Volts	Amperes		
T-21F00	BAV	2.5 CT	5	1600	\$ 1.91
T-21F01	BAV	2.5 CT	10	1600	2.47
T-21F02	CAV	2.5 CT	10	7500	3.41
T-21F03	BAV	5 CT	3	1600	2.21
T-21F04	CAV	5 CT	7	1600	3.29
T-21F20	CAV	5 CT	15	10000	5.00
T-21F05	CAV	5 CT	3	10000	2.94
T-21F06	CAV	5 CT	13	1600	3.23
T-21F07	CAV	5 CT	21	1600	4.41
T-21F08	BAV	6.3 CT	1	1600	1.67
T-21F10	BAH	6.3 CT	3	1600	2.21
T-21F11	CAV	6.3 CT	6	1600	3.29
T-21F12	CAV	6.3 CT	10	1600	3.23
T-21F14	BAH	6.3-5-2.5 (tapped secondary)	2.5	1600	2.12
T-21F15	BAV	7.5 CT	4	1600	2.35
T-21F16	CAV	7.5 CT	8	1600	3.23
T-21F17	CAV	7.5 CT	12	1600	3.68
T-21F18	CAV	10 CT	5	1600	3.09
T-21F19	CAV	10 CT	12	1600	4.41

STANCOR FILAMENT TRANSFORMERS

Part No.	Mtg.	Secondary		Insulation Test Volts	Net
		Volts	Amperes		
P-6133	S	2.5 CT	5.0	7,500	\$ 2.10
P-3060	B	2.5 CT	10.0	10,000	2.97
P-3026	C	5.0 CT	3.0	2,500	2.91
P-6137	N	5.25 CT	13.0	2,500	3.96
P-6134	A	6.3 CT	1.2	2,500	1.38
P-5014	B	6.3 CT	3.0	2,500	2.25
P-3064	B	6.3 CT	6.0	2,500	2.76
P-6308	N	6.3 CT	10.0	2,500	3.36
P-4096	C	10.0 CT	5.0	2,500	4.11
P-6139	N	10.0 CT	8.0	2,500	3.63

UTC FILAMENT TRANSFORMERS

Type	Secondary Volts	Secondary Current	Insulation	Case No.	Net
S-53	2.5 VCT	10 A.	1500 V.	G-3	\$ 3.14
S-54	5 VCT	4 A.	2500 V.	G-3	3.14
S-55	6.3 VCT	3 A.	1500 V.	G-3	3.14
S-56	7.5 VCT	3 A.	1500 V.	G-3	3.14
S-57	2.5 VCT	10 A.	10,000 V.	G-5	4.41
S-58	2.5 VCT	20 A.	10,000 V.	G-5	5.39
S-59	5 to 5.25 VCT	13 A.	5000 V.	G-5	4.41
S-60	5 to 5.25 VCT	22 A.	10,000 V.	G-7	9.80
S-61	7.5 VCT tapped 6.3 VCT	8 A.	3000V.	G-5	4.41
S-62	10 VCT	10 A.	3000 V.	G-5	5.39
S-63	14 VCT tapped 12 VCT and 11 VCT	10 A.	5000 V.	G-7	9.80

Type	Fil. 1	Fil. 2	Fil. 3	Insulation	Case	Net
S-64	2.5 VCT-5A	2.5 VCT-5A	5 VCT-6A	3000 V.	G-5	\$ 5.39
S-65	2.5 VCT-5A	5 VCT-4A	6.3 VCT-3A	3000 V.	G-5	5.39
S-66	2.5 VCT-10A	7.5 VCT-6.5A		3000 V.	G-5	5.39
S-67	5 VCT-6A	6.3 VCT-5A		3000 V.	G-5	5.39
S-68	5 VCT-3A	6.3 VCT-4A	7.5 VCT-5A	3000 V.	G-5	5.88
S-69	6.3 VCT-3A	7.5 VCT-6.5A		3000 V.	G-5	5.88
S-70	6.3 VCT-5A	6.3 VCT-5A		3000 V.	G-5	5.88
S-71	2.5 VCT-6A	2.5 VCT-6A	2.5 VCT-12A	10000 V.	G-7	9.80
S-72	5 VCT-3A	5 VCT-3A	5 VCT-6A	5000 V.	G-5	6.17

MICROPHONE

THORDARSON Mike Cable Transformers

Type	Mounting	Impedance		Turns Ratio	Net
		Primary	Secondary		
T-20A40	Z	30-60	50,000	1:31.6	\$ 11.76
T-20A41	Z	200-250	50,000	1:14.2	11.76

THORDARSON Low Impedance Mike or Voice Coil to Grid

Type	Mounting	Application	Impedance		Turns Ratio	Net
			Primary	Secondary		
T-20A04	BAH	Voice coil to grid	3-6	38,400	1:80	\$ 1.47
		Low impedance mic. to grid	50	320,000		

INPUT

THORDARSON INPUT TRANSFORMERS

Low Impedance to Single or PP Grids

Type	Mounting	Application	Impedance		Turns Ratio	Net
			Primary	Secondary		
T-20A00	BAH	Line to grid	600 CT	60,000	1: 10	\$ 1.62
		Line to PP grids	600 CT	60,000 CT		
		DB mic. or line to grid	200 CT	20,000 CT		
		SB mic. to grid or grids	50	20,000 CT		
T-20A01	FGV	Line to grid	600 CT	240,000 CT	1: 20	2.35
		DB mic. or line to grid	200 CT	80,000		
		SB mic. to grid	50	80,000		
		High impedance mic. to line	240,000	600 CT		
T-20A02	FGV	Line to PP grids	600 CT	240,000 CT	1: 20	2.47
		DB mic. or line to grids	200 CT	80,000 CT		
		SB mic. to grids	50	80,000 CT		
T-20A05	KTV	Line to PP grids	600 CT	60,000 CT	1: 10	5.29
		DB mic. or line to grid or grids	200 CT	20,000 CT		
		SB mic. to grid or grids	50	20,000 CT		

STANCOR INPUT TRANSFORMERS

Microphone Pickup or Line to Grid

Part No.	Mtg.	Application	Impedance Pri. to Sec.	Turns Ratio	Net
A-4705	A	S.B. Mic to S. Grid	Pri---200/70 Sec---80,000	1: 20	\$ 1.26
A-4706	A	S.B. Mic to S. Grid	Pri---100 Sec---60,000	1: 24.5	1.26

UTC SPECIAL SERIES AUDIO TRANSFORMERS

Class A Input Transformers

Type	Application	Ratio	Case	Net
S-1	1 plate to 1 grid	3½: 1	G-2	\$ 3.23
S-2	1 plate to 2 grids	2: 1	G-2	3.72
		4: 1		
S-3	1 plate to 1 or 2 grids compact type	2: 1	G-1	3.04
S-4	1 plate to 2 grids wide range response	1: 1	G-3	5.10
S-5	Single or double button mike or line to 1 grid hum-bucking type	16: 1	G-2	4.16
S-6	Single or double button mike or line to 1 grid, compact type	16: 1	G-1	3.04
S-7	Single plate and carbon mike to one or two grids	3: 1 16: 1	G-2	4.90

UTC LINEAR STANDARD AUDIO TRANSFORMERS

Low Impedance to Grid Transformers

Type	Applications	Primary Impedance	Secondary Impedance	Maximum Unbalanced DC in Primary	Case No.	Net
LS-10	Low impedance mike, pickup, or multiple line to grid.	50, 125, 200, 250, 333, 500/600 ohms.	60,000 ohms in two sections.	5 MA	LS-1	\$ 14.70
LS-10X	As above	As above	50,000 ohms	5 MA	LS-1	18.82
LS-12	Low impedance mike, pickup, or multiple line to push pull grid.	50, 125, 200, 250, 333, 500/600 ohms.	120,000 ohms overall, in two sections.	5 MA	LS-1	16.46
LS-12X	As above	As above	80,000 ohms overall, in two sections	5 MA	LS-1	20.58
LS-14	Low impedance mike, pickup, or parallel mixer to grid.	2.5, 5, 5.5, 10, 15, 22, 30, 38, 60 ohms	60,000 ohms in two sections	5 MA	LS-1	16.46
LS-14X	As above	As above	50,000 ohms	5 MA	LS-1	20.58
LS-15	Three isolated lines or pads to one or two grids.	30, 50, 200, 250 ohms each primary.	60,000 ohms overall, in two sections	5 MA	LS-1	16.46
LS-15X	As above	As above	As above	5 MA	LS-1	20.58
LS-18	High level multiple line to push pull grids	50, 125, 200, 250, 333, 500/600 ohms	50,000 ohms overall, in two sections	5 MA	LS-2	18.23
LS-26	Bridging line to single or push pull grids	5,000 ohms	60,000 ohms in two sections	0	LS-1	14.70

STACO

A new series with isolated primary, this permits servicing of radios or use of appliances without the chance of shock. Raises or lowers line to desired level. Used by industrial plants, laboratories, servicemen and many others. Excellent for checking intermittent sets by "cooking" to locate defective part.

Type	Input Voltage	Output Voltage	Maximum Rating (V.A.)	Net
LR-5	115	70-140	500	\$23.50
LR-10	115	70-140	1000	48.50



Adjust-A-Volt
VARIABLE TRANSFORMER

ISOLATION TYPE

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

INTERSTAGE

THORDARSON INTERSTAGE TRANSFORMERS

Single Plate to Single or PP Grids

Type	Mounting	Impedance		Turns Ratio	Primary Current	Net
		Primary	Secondary			
T-20A16	BAH	10,000	40,000 CT	1:2	8 MA	\$ 1.47
T-20A17	FGV	10,000	40,000 CT	1:2	8 MA	1.65
T-20A22	BAH	10,000	90,000 CT	1:3	8 MA	2.18
T-20A23	FGV	10,000	90,000 CT	1:3	8 MA	2.35

PP Plates to PP Grids

Type	Mounting	Impedance		Turns Ratio	Primary Current	Net
		Primary	Secondary			
T-20A24	FGV	20,000 CT	180,000 CT (Split Secondary)	1:3	8 MA	\$ 2.53

Single or PP Plate to Single or PP Grids

Type	Mounting	Impedance		Turns Ratio	Primary Current	Net
		Primary	Secondary			
T-20A19	BAH	10,000-20,000 CT	90,000-180,000 CT	1:3	8 MA	\$ 1.82
T-20A25	RTV	10,000-20,000 CT	20,000-40,000 CT (Split Secondary)	1:1.41	8 MA	4.70

UTC LINEAR STANDARD INTERSTAGE TRANSFORMERS

Type	Applications	Primary Impedance	Secondary Impedance	Maximum Unbalanced DC in Primary	Case No.	Net
LS-19	Single plate to push pull grids like 2A3, 6L6, 300A Split secondary	15,000 ohms	95,000 ohms; 1.25:1 each side	0 MA	LS-1	\$ 14.11
LS-20	Single plate to single grid	15,000 ohms	60,000 ohms; 2:1 turn ratio	0 MA	LS-1	12.35
LS-21	Single plate to push pull grids. Split primary and secondary.	15,000 ohms	135,000 ohms; turn ratio 3:1 overall	0 MA	LS-1	14.11
LS-40	Single plate to push pull grids. Split secondary.	15,000 ohms	135,000 ohms; turn ratio 3:1 overall	8 MA	LS-1	14.11
LS-22	Push pull plates to push pull grids. Split primary and secondary.	30,000 ohms plate to plate	80,000 ohms; turn ratio 1.6:1 overall	.25 MA	LS-2	18.23
LS-25	Push pull plates to push pull grids. Medium level. Split primary & secondary.	30,000 ohms plate to plate	50,000 ohms; turn ratio 1.3:1 overall	1 MA	LS-1	16.46
LS-26	Bridging line to 1 or 2 grids.	5000	60,000 in two sections	0	LS-1	14.70

OUTPUT

STANCOR OUTPUT TRANSFORMERS

Universal Output

Part No.	Mtg.	Application	Audio Watts	Maximum Primary DC	Net
A-3856	Q	Single or Push-pull plates (4,000 to 14,000 ohms) to voice coil	4	35 Ma.	\$ 1.35
A-3823	Q	Single or Push-pull plates (4,000 to 14,000 ohms) to voice coil	8	40 Ma.	1.44
A-3852	J	Push-pull plates (4,000 to 14,000 ohms) to voice coil	18	40 Ma. ea. ½	1.86
A-3830	J	Push-pull plates (3,000 to 10,000 ohms) to voice coil	20	60 Ma. ea. ½	2.55

Push-Pull plates to Voice Coil

Part No.	Mtg.	Application	Class	Typical Output Tubes	Max. Audio Watts	Max. Primary D.C.	Net
A-3301	C	P.P. 3000 ohm plates to 500/15/8/4 ohms	AB	48, 2A3, 6A3, 6P4, 25L6	30	55 Ma.	\$ 4.02
A-3800	C	P.P. 5000 ohm plates to 500/250/15/8/4 ohms	AB	45, 2A3, 6A3, 6L6	30	80 Ma.	4.11
A-3801	C	P.P. 6600 ohms plates to 500/250/15/8/4 ohms	AB1	6L6	35	150 Ma.	4.80

We have many letters in our files testifying to the satisfaction of the trades and fair allowances we give. See us before you trade or buy, it may mean a saving to you of many dollars. WE TRADE HIGH.

MATCHING

THORDARSON High Level Matching Transformers

Type	Mtg.	Applications	Primary Impedance Ohms	Secondary Impedance Ohms	Audio Power Watts	Net
T-22S80	BHM	Single Line to Voice Coil	500 to 600	3.2 to 4-6 to 8-15	8	\$ 2.35
T-22S82	BHM	Multiple Lines to Voice Coil-Pri. 2000-1500 -1000-500	2000 to 500	3.2 to 4-6 to 8-15	25	3.82
T-22S83	BAH	Multiple Lines to Voice Coil-Pri. 2000-1500 -1000-500	2000 to 500	3.2 to 4-6 to 8-15	15	2.94
T-22S84	BAH	Multiple Lines to Voice Coil-Pri. 2000-1500 -1000-500	2000 to 500	3.2 to 4-6 to 8-15	5	2.29
T-22S85	BAH	Multiple Lines to Voice Coil-Pri. 2000-1500 -1000-500	2000 to 500	3.2 to 4-6 to 8-15	3	2.00

UTC Matching Transformers

Type	Application	Pri. Ohms	Sec. Ohms	Case	Net
S-11	Single 56,6C6 triode, 6C5 or similar tube to line.	15,000	200/500	G-2	\$ 4.16
S-12	Line to speaker 15 watts	500, 2000, 4000	2, 4, 8, 15	G-2	4.61
S-13	Line to speaker 30 watts	500, 2000, 4000	2, 4, 8, 15	G-4	6.08

UTC Linear Standard High Level Matching Transformers

Type	Application	Primary Impedance	Secondary Impedance	Maximum Level	Case No.	Net
LS-33	High level line matching	50, 125, 200, 250, 333, 500/600 ohms	1.2, 2.5, 5, 7.5, 10, 15, 20, 30, 50, 125, 200, 250, 333, 500/600	15 watts	LS-2	\$ 16.46
LS-34	High level line matching	50, 125, 200, 250, 333, 500/600 ohms	1.2, 2.5, 5, 7.5, 10, 15, 20, 30, 50, 125, 200, 250, 333, 500/600	30 watts	LS-3	24.70

PHOTO-FLASH

THORDARSON PHOTO-FLASH TRANSFORMERS

Type	Mtg.	Description	Net
T-22R42	BAV	Power Transformer--Pri. 117V 60 Cy.--Sec. 2250V DC--1.5 MA--2.5V at 1.75A	\$ 3.38
T-22R43	BAV	Power Transformer--Pri. 117V 60 Cy. or 4V Vib.--Sec. 1100V AC--1.5 MA DC	4.70
T-22R44	BAH	Ignition Trans.--Pri. 200V Condenser Discharge--Sec. 15000V Peak	2.65

Intermittent Duty photographic or Portable Regulators

Type	Mtg.	Primary Volts 60 Cycles	Secondary Load Volts	V A	Net
T-23V30	KTF	100-125	115	75	\$ 29.40
T-23V31	KTF	100-125	115	150	35.28

UTC PHOTO FLASH TRANSFORMERS

Type	Primary	Secondary	Weight Lbs.	Case	Net
PF-1	115 VAC	For power supply delivering 2200 volts DC to condenser up to 100 Mfd.	2	G-3	\$ 5.88
PF-2	Tapped for 4-6 volt battery	For power supply delivering 2200 volts DC to condenser up to 60 Mfd.	2	G-3	5.88
PF-3	Trigger Transformer 15 KV peak.				2.65

TRANSCIVER

THORDARSON Transceiver Transformers

Type	Mounting	Application	Impedance Primary Secondary	Turns Ratio	Net
T-20A03	BAH	Single Plate to grid & line or mic. to grid	5000-10,000 200 100,000 250,000	1: 3.25 1: 35	\$ 2.06

STANCOR Intercommunicator and Transceiver

Part No.	Mtg.	Application	Impedance Pri. to Sec.	Maximum Audio	Net
A-3833	A	Transceiver input mic and plate to grid	Pri---200 and 5,000 Sec---60,000	5	1.77

MODULATION

THORDARSON MODULATION TRANSFORMERS

Specific Applications

Type	Mounting	Primary Application	Impedance		Audio Power	Net
			Primary	Secondary		
T-21M50	BAH	1-19 etc.	10,000 CT	4500	3	\$ 1.65
T-21M52	FGV	6N7 etc.	10,000 CT	4500-3750-3000	10	2.35
T-21M54	GGV	P-P 6L6 etc.	6,600 CT	4000	25	3.38
T-21M56	GGV	TZ2-809 etc.	10,000 CT	6600-3750	75	5.59
T-21M58	KTV	811-812 etc.	15,000 CT	6250	100	13.23

Multi-Match

Type	Mounting	Primary MA Each Side	Secondary MA		Audio Power	Net
			Series	Parallel		
T-21M60	KTV	50	50	100	15	\$ 9.12
T-21M61	PLV	125	125	250	60	11.76
T-21M62	PLV	210	160	320	125	17.64
T-21M64	PLV	250	250	500	300	27.93
T-21M65	PLV	320	320	640	500	47.04

STANCOR MODULATION TRANSFORMERS

Part No	Mtg.	Maximum Audio	Maximum DC	Net
A-3891	D	15	Pri---100 ma Sec---100 ma	\$ 5.07
A-3892	D	30	Pri---150 ma Sec---150 ma	6.21
A-3893	D	60	Pri---180 ma Sec---180 ma	7.29
A-3894	D	125	Pri---225 ma Sec---225 ma	9.63
A-3898	FS	300	Pri---260 ma Sec---260 ma	34.71
A-3899	FS	600	Pri---500 ma Sec---500 ma	71.61

STANCOR CATHODE MODULATION TRANSFORMERS

Part No.	Mtg.	Audio Watts	Maximum IC/Tube		Impedance Primary - Secondary	Net
			Primary	Secondary		
A-3888	D	25	50	250	Pri--6,000/4,000 CT Sec--2,500/2,000/1,500/1,000/750/500/250/150	\$ 5.88
A-3889	D	60	125	250	Pri--6000/4000 CT Sec--2,500/2,000/1,500/1,000/750/500/250/150	6.54

UTC UNIVERSAL MODULATION TRANSFORMERS

Type	Audio Power	Case	Net
S-18	12 watts	G-3	\$ 4.90
S-19	30 watts	G-4	7.35
S-20	55 watts	G-5	10.78
S-21	110 watts	G-7	15.19
S-22	250 watts	G-9	23.52

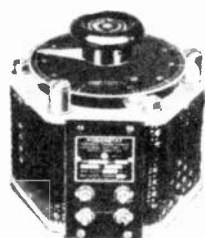
UTC Varimatch Modulation Units

Type	Max. Audio Watts	Max. Class C Input	Typical Modulator Tubes	Case No.	Net
CVM-0	12	25	30, 49, 79, 6A6, 53, 2A3, 6B5	RC-100	\$ 5.00
CVM-1	30	60	6V6, 6B5, 2A3, 42, 46, 6L6, 210	RC-125	8.23
CVM-2	60	125	801, 6L6, 809, 4-46, T-20, 1608	RC-150	12.05
CVM-3	125	250	800, 807, 845, TZ-20, Hk-30, 35-T	RC-152	17.64
CVM-4	300	600	50-T, 203A, 805, 838, T-55, ZB-120	RC-175	29.40
CVM-5	600	1200	805, HF-300, 204A, HK-354, 250TH	7x12x9H	67.62

SUPERIOR POWERSTAT

Excellent regulation, high efficiency, wide output voltage range, smooth control. Conservatively rated, easy to mount.

Type 1126	Input, 115V, 50/60 cycles, 1 phase. Output, 0-135 V, 15 amp., 2kVA	Net \$ 46.00
Type 20	Input, 115V, 50/60 cycles, 1 phase. Output, 0-135V, 3 amp., 405VA	Net \$ 14.50



STACO ADJUST-A-VOLT

Smooth continuous control. Output voltage essentially independent of load. Standard output receptacle. Calibrated scale. Conservatively rated. High efficiency.

Type PA-5	Input, 115V, 50/60 cycles, Output, 0-140 Max. 7.5 amp., 860VA	Net \$ 17.50
Type PA-10	Input, 115V, 50/60 cycles. Output, 0-140 Max. 15 amp., 1500VA	Net \$ 36.50



OUTPUT

THORDARSON OUTPUT TRANSFORMERS
Replacement - Single and Push Pull Plates to Voice Coil

Type	Mounting	Applications	Primary Impedances Ohms	Secondary Imp. Ohms	Audio Power Watts	Net
T-22S45	BAH	Single Plate to Voice Coil	1500 to 3000	3.2 to 4	3	\$ 1.24
T-22S46	BAH	Single Plate to Voice Coil	3000 to 6000	3.2 to 4	3	1.29
T-22S47	BAH	Single & Push Pull Plates to Voice Coil	6000 to 12000 CT	3.2 to 4	3	1.47
T-22S48	BAH	Single and Push Pull Plates to Voice Coil	12000 to 25000 CT	3.2 to 4	3	1.59
T-22S56	BAH	Single and Push Pull Plates to Voice Coil	8000 or 10000 CT	3.2 to 4-6 to 8	8	2.21
T-22S58	BAH	Single and Push Pull Plates to Voice Coil	5000 or 7000 CT	3.2 to 4-6 to 8	8	2.21
T-22S60	BAH	Single and Push Pull Plates to Voice Coil	2500 or 4000 CT	3.2 to 4-6 to 8	8	2.21

Special Duty Output to Line and Voice Coil

Type	Mtg.	Applications	Primary Impedance Ohms	Secondary Impedance Ohms	Audio Power Watts	Net
T-22S64	GGV	Single & PP Plates to Line & Voice Coil	10000 CT	3.2 to 4-6 to 8-15-250-500	25	\$3.67
T-22S66	GGV	Single & PP Plates to Line & Voice Coil	8000 CT	3.2 to 4-6 to 8-15-250-500	25	3.67
T-22S68	GGV	Single & PP Plates to Line & Voice Coil	6500 CT	3.2 to 4-6 to 8-15-250-500	25	3.82
T-22S70	GGV	Single & PP Plates to Line & Voice Coil	5000 CT	3.2 to 4-6 to 8-15-250-500	25	4.12
T-22S72	GGV	Single & PP Plates to Line & Voice Coil	3000 CT	3.2 to 4-6 to 8-15-250-500	25	4.12
T-22S78	GGV	Single & PP Plates to Line & Voice Coil	3300 CT	3.2 to 4-6 to 8-15-250-500	60	5.59

Universal Replacement to Multiple Voice Coil

Type	Mtg.	Applications	Primary Impedance Ohms	Secondary Impedance Ohms	Audio Power Watts	Net
T-22S74	BHH	Universal Single or PP Plates to Voice Coil Pri.-14000-10000-8000-6600-5000-3000-2500CT	14000 to 2500CT	1 to 30	25	\$ 3.38
T-22S62	BHH	Universal Single Plate to Voice Coil Pri.-4000-3000-2500-2000-1500	4000 to 1500	1 to 30	8	2.50
T-22S86	BAH	Universal Single plate or PP Plates to Voice Coil Pri.-14000 CT-8000 CT-2000	14000 to 2000	3.2 to 4-6 to 8	3	1.62
T-22S87	BAH	Universal Single plate or PP Plates to Voice Coil Pri.-14000 CT-8000 CT-2000	14000 to 2000	3.2 to 4-6 to 8	6	1.76
T-22S88	BAH	Universal Single plate or PP Plates to Voice Coil Pri.-14000 CT-8000 CT-3500-2000	14000 to 2000	3.2 to 4-6 to 8	8	1.91

UTC Universal Output To Line And Voice Coil

Type	Primary	Secondary	Typical	Class	Case	Net
Max. Watts	Impedance	Impedance	Tubes			
S-14	Single Tubes:					
10 W.	2500 ohms	500, 15, 8, 2 ohms	2A3, 6A3, 6A5, 6B4, 6L6, 6Y6, 25L6, 35L6	A	G-2	\$ 4.41
	4000 ohms		31, 43, 45, 48, 6V6, 12A5, 12A6	A		
	7000 ohms		33, 47, 42, 47, 59, 89, 2A5, 6AC5, 6F6, 6K6, 6N6, 7B5	A		
	10,000 ohms		37, 38, 41, 1G5, 3C5, 6A4, 6N7	A		
S-15	P.P. Tubes:				G-2	4.61
12 W.	4000 ohms	500, 15, 8, 2 ohms	6Y6, 25L6	AB		
	5000 ohms		45, 2A3, 6A3, 6A5, 6B4	AB		
	10,000 ohms		30, 1H4, 6AC5G, 6B5, 19, 49, 53, 79, 89, 6A6, 6N6, 6N7, 6Y7	AB B		
S-16	3000 ohms	500, 15, 8, 2 ohms	45, 48, 2A3, 6A3, 6A5, 6B4, 25L6	AB	G-4	6.08
30 W.	6000 ohms		42, 2A5, 6F6 triodes	AB		
	9000/10000 ohms		46, 59, Parallel 53, 6A6, 6N7 42, 45, 2A5, 6AC5, 6B5, 6F6, 6L6, 6V6	B		
S-17	3800 ohms	500, 15, 8, 2 ohms	6L6's	AB2	G-5	7.35
55 W.	4500/5000 ohms		4--6L6's	AB1		
			46, 1608, 809	B		

UTC Linear Standard Output Transformers To Line And Voice Coil

Type	Primary will match following typical tubes	Primary Impedance	Secondary Impedance	Maximum Level	Case No.	Net
LS-52	Push pull 2A5, 250, 6V6, 42 or 2A5 A prime	8,000 ohms	500, 333, 250, 200, 125, 50, 30, 20, 15, 10, 7.5, 5, 2.5, 1.2	15 watts	LS-2	\$ 16.46
LS-54	Same as above	8,000 ohms	30, 20, 15, 10, 7.5, 5, 2.5, 1.2	15 watts	LS-2	11.76
LS-55	Push pull 2A3's, 6A5G's, 300A's, 275A's, 6A3's, 6L6's	5,000 ohms plate to plate & 3,000 ohms plate to plate	500, 333, 250, 200, 125, 50, 30, 20, 15, 10, 7.5, 5, 2.5, 1.2	20 watts	LS-2	16.46

OUTPUT

UTC Linear Standard Output Transformers To Line And Voice Coil

LS-57	Push pull 2A3's, 6A5G's, 300A's, 275A's, 6A3's, 6L6's	5,000 ohms plate to plate & 3,000 ohms plate to plate	30, 20, 15, 10, 7.5, 5, 2.5, 1.2	20 watts	LS-2	11.76
LS-58	Push pull parallel 2A3's, 6A5G's, 300A's, 6A3's	2,500 ohms plate to plate and 1,500 ohms plate to plate	500, 333, 250, 200, 125, 50, 30, 20, 15, 10, 7.5, 5, 2.5, 1.2	40 watts	LS-3	29.40
LS-60A	Push pull 2A3's, 6A3's, 6B4G's fixed bias, cathode follower drive	4,600 ohms plate to plate	15, 10, 7.5, 5, 3.75, 2.5, 1.2	30 watts	LS-3	20.58
LS-62A	Same as above	As above	500, 125	30 watts	LS-3	20.58
LS-61	Push pull 6B5, 6A6, 53, 6F6, 71A, 59, 79, 89, class B46, 59's	10,000 ohms plate to plate & 6,000 ohms plate to plate	500, 333, 250, 200, 125, 50, 30, 20, 15, 10, 7.5, 5, 2.5, 1.2	15 watts	LS-2	16.46
LS-63	Same as above	10,000 ohms plate to plate & 6,000 ohms plate to plate	30, 20, 15, 10, 7.5, 5, 2.5, 1.2	15 watts	LS-2	11.76
LS-6L1	Push pull 6L6's self bias	9,000 ohms plate to plate	500, 333, 250, 200, 125, 50, 30, 20, 15, 10, 7.5, 5, 2.5, 1.2	30 watts	LS-3	24.70
LS-6L3	Same as above	9,000 ohms plate to plate	30, 20, 15, 10, 7.5, 5, 2.5, 1.2	30 watts	LS-3	16.46
LS-6L4	Push pull 6L6's fixed bias or push pull parallel 6L6's self bias	3,800 ohms plate to plate & 4,500 ohms plate to plate	500, 333, 250, 200, 125, 50, 30, 20, 15, 10, 7.5, 5, 2.5, 1.2	55 watts	LS-3	29.40

BRIDGE-LINE

THORDARSON Universal and Special Duty to Line

Type	Mtg.	Applications	Primary Impedance Ohms	Secondary Impedance Ohms	Audio Power Watts	Net
T-22S76	BHH	Universal or Push Pull Tubes to Line Pri.-14000-12000-10000-8000-5000-3000 CT	14000 to 3000 CT	500 to 600	25	\$ 3.47
T-22S90	FGV	Single or Push Pull Plates--Primary 20000CT	20000CT	125-200-500 to 600 CT	3	2.65
T-22S92	RTV	Single or Push Pull plates--Primary 20000CT (Hum Bucking Coil and Core)	20000 CT	125-200-500 to 600 CT	+ 10PB	5.29

STANCOR Tube to Line

Part No.	Mtg.	Application	Impedance Primary - Secondary	Audio Watts	Maximum Primary DC	Net
A-3841	J	Single plate to line	Pri--7000/6000/5000/4000/2500 Sec--500	10	60 Ma.	\$ 3.42

Line to Voice Coil

Part No.	Mtg.	Application	Impedance Pri. to Sec.	Max. Audio Power	Net
A-3883	J	Line to voice coil	Pri--500 Sec--15/8/6/4	25	\$ 2.04

UTC Plate, Crystal, Photocell, and Bridging to Line Transformers

Type	Applications	Primary Impedance	Secondary Impedance	Maximum Unbalanced DC in Primary	Case No.	Net
LS-27	Single plate to multiple line	15,000 ohms	50, 125, 200, 250, 333, 500/600 ohms	8 MA	LS-1	\$ 14.11
LS-50	Single plate to multiple line	15,000 ohms	50, 125, 200, 250, 333, 500/600 ohms	0 MA	LS-1	14.11
LS-51	Push pull low level plates to multiple line	30,000 ohms plate to plate	50, 125, 200, 250, 333, 500/600 ohms	1 MA	LS-1	14.11
LS-38	Crystal microphone or pickup to multiple line, with internal equalizer.	100,000 ohms	50, 125, 200, 250, 333, 500/600 ohms	0	LS-1	18.82
LS-39	Photocell, high-mu triode, diode or overbiased detector to multiple line.	100,000 ohms	50, 125, 200, 250, 333, 500/600 ohms	0 MA	LS-1	14.70
LS-150	Bridging transformer from 50 to 500 ohm line to line	4,000 ohms, bridging	50, 125, 200, 250, 333, 500/600 ohms	1 MA	LS-1	14.70
LS-151	Bridging transformer from 50 to 500 ohm line to line	16,000 ohms, bridging	50, 125, 200, 250, 333, 500/600 ohms	1 MA	LS-1	14.70

PLATE

THORDARSON PLATE TRANSFORMERS

Type	Mounting	Pri. Volts 50-60 Cy.	Sec. Volts		Volts D. C.	M. A. D. C.		Net
			A. C.	R. M. S.		ICAS	CCS	
T-21P75	PUV	115-230	3000-0-3000 2400-0-2400 1500-0-1500		2500 2000 1250	650	500	\$ 79.38
T-21P77	PUV	115-230	3000-0-3000 2450-0-2450		2500 2000	425	300	55.86
T-21P79	PUV	115-230	1875-0-1875 1560-0-1560		1580 1250	550	400	39.69
T-21P81	PUV	115	1560-0-1560 1265-0-1265		1250 1000	425	300	35.28
T-21P82	PUV	115	2335-0-2335 1700-0-1700		2000 1500	300	220	35.28
T-21P83	PUV	115	1560-0-1560 1250-0-1250		1250 1000	300	200	21.76
T-21P85	PUV	115	855-0-855 730-0-730		600 500	425	300	15.00
T-21P87	GGV	115	835-0-835 656-0-656		650 500	300	220	8.82
T-21P89	GGV	115	550-0-550		400	250	175	5.29
T-21P91	PUV	115	1200-0-1200 and 900-0-900		1000 and 750	200	150	15.88
T-21P93	GGV	115	1075-0-1075 and 500-0-500		1000 and 400	110	95	8.23
						150	125	

UTC PLATE TRANSFORMERS

Type	High Voltage	DC Voltages	DC Current	Case	Net
S-44	575-525-0-525-575	470/430	500 Ma.	G-9	\$ 15.19
S-45	900-750-0-750-900	750/620	200 Ma.	G-8	11.76
S-46	1000-750-0-750-1000	825/600	300 Ma.	G-9	14.70
S-74	1175-500-0-500-1175	1000	150 Ma.	G-10	16.17
	Duplex rectifier	400	150 Ma.		
S-47	1500-1250-1000-0-1000-1250-1500	1275/1050/825	300 Ma.	G-10	18.62
S-48	1500-1250-1000-0-1000-1250-1500	1300/1075/850	500 Ma.	G-11	27.44
S-49	2100-1800-1500-0-1500-1800-2100	1815/1540/1275	300 Ma.	G-11	25.97
S-50	3000-2500-0-2500-3000	2625/2175	300 Ma.	G-12	36.26
S-51	Will supply any bias voltage from 15 to 100 volts DC within approximately 6% of desired value.		200 Ma.	G-5	8.82
S-52	Will supply any bias voltage from 75 to 400 volts DC within approximately 6% of desired value.		200 Ma.	G-7	11.76

STANCOR PLATE TRANSFORMERS

Part No.	Mtg.	DC Volts	Sec. AC Volts At Plate	Current DC MA	Pri. Volts	Net
P-8029	FS	1500 1250	1775/1500-0-1500/1775	500	115-230	\$ 38.37
P-8031	FS	1750 1500	2075/1775-0-1775/2075	500	115-230	40.17
P-8033	FS	2000 1750	2375/2065-0-2065/2375	500	115-230	49.32
P-8034	FS	2500 2000	2900/2385-0-2385/2900	300	115-230	37.26
P-8035	FS	2500 2000	2950/2375-0-2375/2950	500	115-230	58.44

MIKE CABLE

SHURE MIKE CABLE TRANSFORMER

Type	Primary	Secondary	Net
A86A	35/50/150/250	High Impedance	\$ 8.97

UTC MIKE CABLE TRANSFORMERS

Type	Primary	Secondary	Net
MC-1	30/50 and 200/250	High Impedance, Standard Fidelity	\$7.65
MC-2	30/50 and 200/250	High Impedance, High Fidelity	10.00

POWER REPLACEMENT

THORDARSON REPLACEMENT POWER TRANSFORMERS

Type	Mounting	Secondary No.1 AC Volts	DC MA	Rect. Fil.	Fil. No. 2	Fil. No. 3	Net
T-22R00	AGF	250-0-250	40	5V-2A	6.3 VCT-2A		\$ 3.53
T-22R01	AGF	275-0-275	50	5V-2A	6.3 VCT-2.5A		3.68
T-22R02	AGF	300-0-300	70	5V-2A	6.3 VCT-3A		4.26
T-22R04	AGF	300-0-300	90	5V-2A	6.3 VCT-3.5A		4.56
T-22R05	AGF	300-0-300	120	5V-3A	6.3 VCT-5A		4.85
T-22R06	AGF	325-0-325	150	5V-3A	6.3 VCT-5A		5.59
T-22R07	AGF	350-0-350	200	5V-3A	6.3 VCT-6A		6.35
T-22R08	AGF	250-0-250	40	5V-2A	2.5 VCT-4A		3.53
T-22R09	AGF	275-0-275	50	5V-2A	2.5 VCT-7.5A		3.68
T-22R10	AGF	325-0-325	85	5V-2A	2.5 VCT-9A	2.5 VCT-3.5A	5.00
T-22R11	AGF	325-0-325	120	5V-3A	2.5 VCT-12.5A	2.5 VCT-5A	5.59

Plate Power Transformers

Type	Mounting	Secondary No.1 AC Volts	DC MA	Rect. Fil.	Fil. No. 2	Fil. No. 3	Net
T-22R30	GGV	275-0-275	50	5V-2A	6.3 VCT-2.5A		\$ 4.26
T-22R31	GGV	360-0-360	80	5V-2A	6.3 VCT-2.5A		4.85
T-22R32	GGV	350-0-350	110	5V-2A	6.3 VCT-3A	6.3 VCT-3A	5.44
T-22R33	GGV	375-0-375	160	5V-3A	6.3 VCT-5A		6.18
T-22R34	GGV	385-0-385	225	5V-3A	6.3 VCT-5A		7.94
T-22R35	GGV	400-0-400	340	5V-6A	6.3 VCT-7A		8.82

STANCOR POWER TRANSFORMERS

Part No.	Mtg.	Plate Supply AC Volts @ DC Milliamperes	Rectifier Volts - Amperes	Filament Volts - Amperes	Amplifier Volts - Amperes	Filament Volts - Amperes	Net
P-4081	C	400-0-400 160	5.0	3.0	6.3 CT	4.5	\$ 6.54
P-6170	C	600-0-600 200	5.0	3.0	6.3	3.0	7.29
					6.3	4.0	
P-6001	M	325-0-325 40	5.0 CT	2.0	2.5 CT	4.0	3.12
P-6002	M	350-0-350 50	5.0 CT	2.0	2.5 CT	7.25	3.60
P-6005	M	350-0-350 70	5.0 CT	3.0	2.5 CT	9.0	4.44
					2.5 CT	3.5	
P-6006	M	350-0-350 120	5.0 CT	3.0	2.5 CT	12.5	5.55
					2.5 CT	3.5	
P-6010	M	325-0-325 40	5.0 CT	3.0	6.3 CT	2.0	2.91
P-6011	M	350-0-350 70	5.0 CT	3.0	6.3 CT	2.5	3.81
P-6012	M	350-0-350 90	5.0 CT	3.0	6.3 CT	3.5	4.02
P-6013	M	350-0-350 120	5.0 CT	3.0	6.3 CT	4.7	4.47
P-6014	M	375-0-375 150	5.0 CT	3.0	6.3 CT	5.0	5.64

UTC POWER TRANSFORMERS

Type	Voltage	D.C. Voltages	Rectifier Filter	Filter No. 1	Filter No. 2	Case No.	Net
S-39	490-400-0-400-490 175 Ma.	400/310	5 V.-3A	2.5 VCT -6A	6.3 VCT 4A	G-7	\$ 10.29
S-40	525-425-0-425-525 250 Ma.	400/310	5 V.-3A	6.3 VCT -3A	6.3 VCT 3A	G-7	10.29
S-41	600-0-600 200 Ma.	475	5 V.-3A	7.5 V. tapped 6.3V.-3A	6.3 VCT 2A	G-7	9.31
S-42	600-525-0-525-600 300 Ma.	480/400	5 V.-3A	7.5 V. tapped 6.3V.-3A	6.3 VCT 3A	G-8	12.25
S-43	525-0-525 450 Ma. 40-0-40, 200 Ma.	400	5 V.-3A 5 V.-6A	6.3 VCT -2A	6.3 VCT 5A	G-9	17.15

VIBRATOR

THORDARSON VIBRATOR TRANSFORMERS

Type	Mounting	Primary	High Voltage Secondary	Net
T-22R20	CAV	6-8 VDC	250 VDC, 50 MA	\$ 3.24
T-22R22	CAV	6-8 VDC	325 VDC, 75 MA	3.82
T-22R24	GGV	6-8 VDC or 117 VAC	325 VDC, 135 MA	7.35

TELEVISION

THORDARSON Television Power Transformers

Type	Mounting	Secondary No. 1 AC Volts	DC MA	Rect. Fil.	Fil. No. 2	Net
T-22R40	GGV	2800	2	2.5 V-1.8A	6.3V-.6A tapped* at 2.5V-2.1A	\$ 8.82

UTC Television Transformers

Type	Application	Weight Lbs.	Case	Net
R-91	Horizontal oscillator (15750 cycles)	1	RC-50	\$ 4.12
R-92	Vertical oscillator (60 cycles)	1	RC-50	4.12
R-93	Vertical output, tapped for different tubes	4	RC-100	8.23
R-94	Horizontal output (special core), tapped for adjustment	4	RC-100	11.76
R-95	2800 vac (4000 DC) 2.5V-1.8A, 6.3V-.6A tapped 2.5V-2.1A, 7000 V test	5	RC-125	.8.82

HYBRID

UTC Linear Standard Hybrid and Repeat Coils

Type	Applications	Primary and Secondary Impedances	Maximum Unbalanced DC in Primary	Case No.	Net
LS-140	Line to line for isolating balanced and unbalanced circuits; balanced for maximum reduction cross talk (70 DB)	500/600 ohms split 500/600 ohms split	0 MA	LS-1	\$ 20.58
LS-141	Three sets of balanced windings for hybrid service, centertapped	500/600 ohms 500/600 ohms	0 MA	LS-1	16.46
LS-142	Line to line and to push pull grids for hybrid service	500/600 ohms 500/600 ohms 60,000 ohms	0 MA	LS-1	20.58
LS-143	High efficiency ring and talk repeat coil, for low frequency ringing.	500/600 ohms 500/600 ohms	5 MA	LS-2	16.46

ISOLATION-TUBE CHECKER

THORDARSON Isolation Transformers - Plug-In Adjustment

Type	Mtg.	Primary Volts 60 Cycles	Secondary Load Volts	VA	Net
T-23V25	GMV	105-115-125(50-60 Cycle)	115	100	\$ 9.41
T-23V26	PUV	105-115-125(50-60 Cycle)	115	250	18.82

UTC Isolation Transformers

Type	Rating	Weight Lbs.	Net
R-73	100 watts	6	\$ 7.64
R-74	250 watts	12	14.11
R-75	600 watts	20	20.58
R-76	1200 watts	30	32.34
R-77	2500 watts (no cord)	70	55.86

THORDARSON Tube Checker Transformer

Part No.	Mtg.	Primary Volts	Secondary Volts	Net
P-1834-3	A	125/115/105	1.1/1.4/1.5/2.0/2.5/3.0/3.3/5.0/6.3/ 7.5/12/25/30/35/50/70/85/110/117	\$ 6.30

MIXING

UTC LINEAR STANDARD MIXING TRANSFORMERS

Type	Applications	Primary Impedance	Secondary Impedance	Maximum Unbalanced DC in Primary	Case No.	Net
LS-30	Mixing, low impedance mike, pickup, or multiple line to multiple line	50, 125, 200, 250, 333, 500/600 ohms	50, 125, 200, 250, 333, 500/600 ohms	5 MA	LS-1	\$ 14.70
LS-30X	As above	As above	As above	3 MA	LS-1	18.82
LS-31	Three isolated lines or pads to multiple line	30, 50, 200, 250 ohms each primary	50, 125, 200, 250, 333, 500/600 ohms	5 MA	LS-1	16.46
LS-31X	As above	As above	As above	3 MA	LS-1	20.58
LS-32	Mixing, low impedance mike, pickup, or parallel mixer to multiple line.	2.5, 5.5, 10, 15, 22, 30, 38, 60 ohms	50, 125, 200, 250, 333, 500/600 ohms	5 MA	LS-1	16.46

TRANSFORMER CASES

THORDARSON



Type AGF



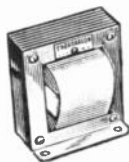
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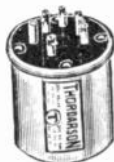
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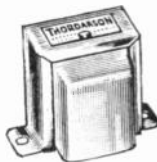
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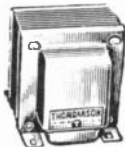
Type CAV



Type RTV



Type FGV



Type GGV



Type KTV



Type PUV



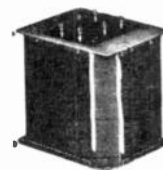
Type RAV



Type Z



Type G-1-2-3-4.



Type G-5-7-8-9-10-11-12

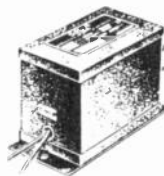


Type LS-1-2-3.

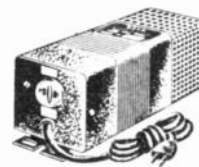


Type HC

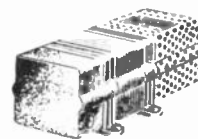
Sola



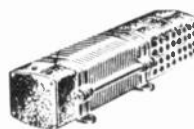
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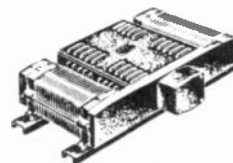
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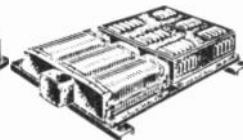
Type 3



Type 4



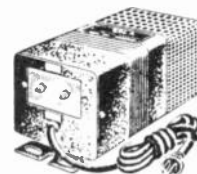
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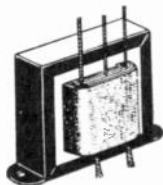
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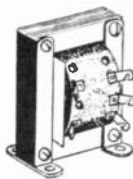
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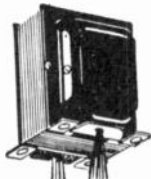
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TYPE A



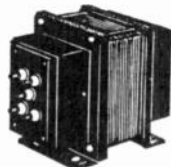
TYPE B



TYPE C



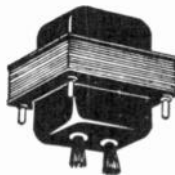
TYPE D



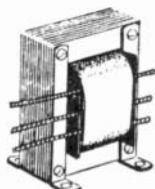
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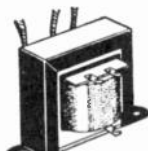
TYPE J



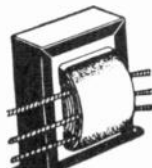
TYPE M



TYPE N

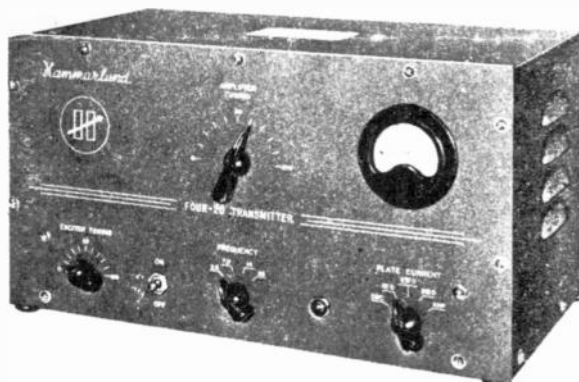


TYPE O



TYPE S

HAMMARLUND FOUR-20 TRANSMITTER



Four-20 transmitter. A crystal controlled, self-contained CW transmitter with a minimum of 20 watts output on all bands. Features "Mono-Sequence" tuning. Enables tuning to 4 different but harmonically related frequencies with one control. 807 final amplifier stage. Provision for utilizing external modulator. Ideal exciter unit or complete transmitter. For operation on 115 VAC, 50/60 cy. Complete with tubes & 10 meter coil, less crystal.

Model Four-20
Coils for 20, 40 or 80 meters.

Net \$ 120.00
2.70

FOUR-11 MODULATOR



Four-11 Modulator. Designed for use with the Four-20 transmitter. Will provide more than enough power to modulate the 807 final. Audio response carefully designed to fit the needs of the amateur desiring clear, crisp speech. Same physical size as the Four-20 transmitter. For operation on 115VAC, 50/60 cy. Complete with tubes.

Model Four-11

Net \$ 72.50

Supreme TRANSMITTERS



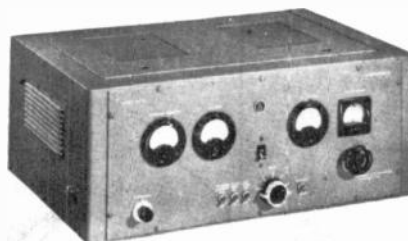
AF-100. A 6 band 100 watt output desk type transmitter designed to cover the 10-11, 15, 20, 40 & 80 meter ham bands for CW, ICW, AM & FM phone transmission. Incorporates highly stable variable frequency oscillator, gang tuned exciter

stage. Band change switch, only one coil to change. Complete metering circuits. For operation 110-117 volts, 50/60 cy. Complete with tubes, coils & instructions.

Model AF-100

Net \$ 550.00

HT-9 hallicrafters



HT-9. A compact medium power transmitter designed for maximum flexibility & convenience. Completely self-contained. Band switching easily accomplished by changing one coil. Plug-in exciter units. All important circuits metered. Frequency range, 1500 KC to 30 MC. Power output, 100 phone 175 CW.

All controls on front panel. 100% modulation, 5 preset frequencies selected by switch. 14 tubes with 814 final RF amplifier. For operation 105-125 volts, 50/60 cy. Complete with tubes, less coils.

Model HT-9

Net \$ 350.00

80 meter coils for above
40 meter coils for above
20 meter coils for above
10 meter coils for above

10.85
11.75
15.50
16.50

HT-17



HT-17 An economical low powered transmitter for the beginner, or stand-by rig for the advanced ham. Frequency range, 3.5 to 30 MC, 10 watt minimum output on all bands. Pi section antenna matching network. Socket for use of external auxiliary power supply. Terminals for connection of external modulator tuning pilot lamp, inet. For use 105-125 VAC, 50/60 cy. Complete with tubes, less coils.

Model HT-17

Net \$ 69.50

Coils for 3.5 or 7 MC
Coils for 14 or 28 MC

3.50
7.00



MODEL T60-1

T60-1. A complete phone CW all band transmitter, Entirely self-contained, measuring only 15" x 11" x 9". Contains 2 complete power supplies. Utilizes plug-in coils for band change. Built-in antenna change-over relay. Provisions for battery or vibrator pack operation. Utilizes two 6L6's in output stage. For operation on 115 VAC, 50/60 cy. Complete with all tubes, coils for 10 meters but less crystal & microphone.

Model T60-1

Net \$ 150.00

Coils for 80, 40 & 20 meters

Net per band 5.50



SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

TR SONAR



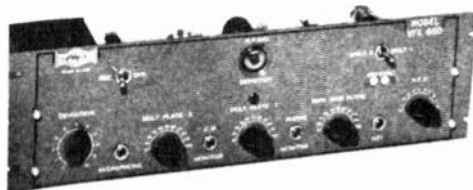
MB-611. A small compact transmitter designed for 6, 10-11 meter operation & can be operated from any type power supply. Particularly suited for any type of mobile use. Employs Sonar phase modulator. Approximately 22.5 watts output. Dual tuning eye indicator. Frequency deviation 2-3 KC. Power requirements, 250-600 volts at 100 MA. Power consumption 2.6 amps stand-by 10-20 amps transmit. Complete with tubes, less crystal & power supply.

Model MB-611 Net \$ 72.45
(Specify 6 or 10-11 meter model when ordering).



XE-10. A NBFM exciter unit for use with any phone or CW transmitter to convert for FM operation. 2-3 KC deviation. Eliminates BC interference. No high power modulator or speech equipment required. Can be received on any AM receiver. Small, self-contained. Utilizes 3.5 MC crystal. For operation on 115 VAC, 50/60 cy. Complete with tubes, less crystal.

Model XE-10 Net \$ 39.45



VFX-680. A complete all band NBFM phone & CW exciter with built-in power supply. Utilizes VFX & VFO oscillator, phone & CW monitors, self-contained deviation & resonance indicator, frequency shift key & external relay control. Power output: 4-6 watts. Frequency range: 3.5-30 MC. Utilizes plug-in coils. For operation on 110-125 V., 50/60 cy. Complete with tubes, power supply & one set of coils for 40-20 meters, less crystal.

VFX-680 Net \$ 87.45
80 & 10 meter coils for above. 1.50 ea.
Cabinet for above, for desk mtg. 6.75

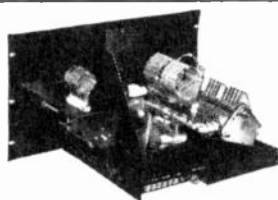
MILLEN



MILLEN EXCITER

No. 90800. A 50 watt transmitter unit utilizing a 6L6 triode oscillator & 807 amplifier or frequency doubler. Unique pan type construction makes an extremely efficient circuit. Power requirements up to 750 volts at 200MA. Crystal plugs in front panel. VFO input on front panel. Meter switching circuit. Designed for rack mounting. Less tubes & crystal but including one set of coils for the 10 meter band

Model 90800 Net \$ 42.50
80 or 160 meter cathode coil .90
for above.
Oscillator & plate coils for Net ea. 1.25
above.



No. 90881. A Universal RF power amplifier designed for use with PP tubes as 35T's, T-40's, 812's etc, with the plate power input in the vicinity of 500 watts. Individual grid & plate MA meters. Plug-in coils. Provision for vacuum condenser plug-in. Designed for standard relay rack mounting. Less tubes.

Model 90881 Net \$ 89.50

Model 90281 High voltage power supply 700 VDC at 235 MA. output & 6.3 at 4 amps. For use with the MilLEN exciter described above or any application where power supply of this type is needed. 115 VAC, 50/60 cy. operation. Less tubes.

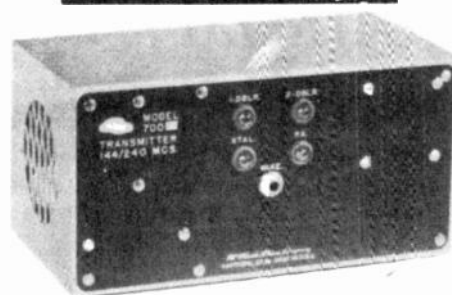
Net \$ 84.50



No. 90810 high frequency transmitter. A crystal controlled transmitter providing 75 watts output on the 2, 6, & 10-11 meter amateur bands. Utilizes plug-in coils. Incorporates the new Bliley CCO-2A crystal oscillator unit. 829 final amplifier. Uses any Bliley overtone crystals. Supplied less tubes but with coils for 10 meter operation.

Model 90810 Net \$ 69.75
2 or 6 meter grid coils. 1.80
2 or 6 meter plate coils. 1.80
Bliley AX-2 crystals, 13580 KC-24333 KC for use with above. 3.95

SILVER



Model 700 "Atom-X". A crystal controlled transmitter for use in the 145 & 235 MC amateur bands. Extremely compact. Built-in modulator. Carbon mike input. Capable of 28 watts input. Panel lamp metering circuits. Power supply requirements 6.3 volts at 3.35 amps & 300 volts at 220 MA. Uses three 6AQ5, two 6C4 & one 832 tubes. Complete with coils but less tubes, power supply & microphone.

Model 700 Net \$ 36.95



Model 701 "Atom-X" Transmitter. A 75 watt input 6 band transmitter. Covers 3.5 through 54 MC. Built-in phone modulator identical to that of Model 700. Oscillator or cathode keying. Power requirements 6.3 volts at 2.35 amps & 300 volts at 200 MA. Utilizes 807 final amplifier. Panel lamp metering circuits. Uses three 6AQ5's & one 807 tube. Less tubes, coils & power supply

Model 701 Net \$ 36.95
Plug-in coils for above, Net ea. .50
(3 coils required for each band operation).

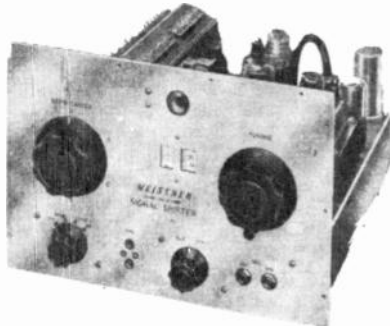


Model 702. A new VFO xtal controlled exciter with built-in NBFM. 3 watts RF output, 3000-4000 KC. 110 VAC operation. Complete with crystal, less tubes.

Model 702. Net \$ 49.90

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

MEISSNER SIGNAL SHIFTER



A completely self-contained band switching exciter unit for all amateur bands. Crystal plug on front panel. One dial control. Oscillator keying. The most popular VFO available. 110 VAC operation. Power output, minimum 6 watts.

Model EX Signal Shifter less	Net
all coils & power supply.	\$ 66.50
Model PX Power supply only	13.00
Coils per set.	4.00

hallicrafters

HT-18

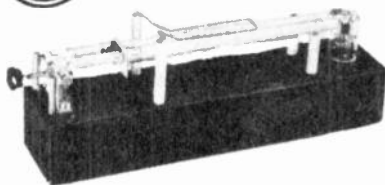


HT-18. A NBFM 5 band VFO exciter unit completely self-contained. Band switching. Frequency range, 3.5 to 29.7 MC. Oscillator keying. Power output: Minimum 2.5 watts, Maximum 5 watts. Utilizes 7 tubes. 105-125 VAC operation. Complete with tubes.

Model HT-18	Net \$ 110.00
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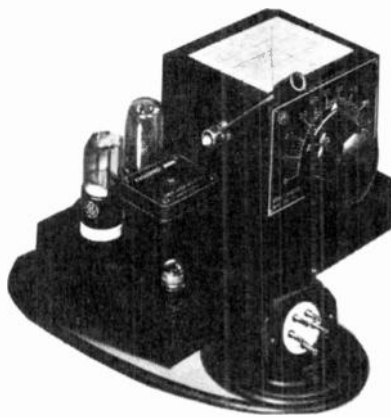
HY-Q 75 KIT



HY-Q75. A long line transmitter kit for operation in the 1 $\frac{1}{2}$ & 2 meter bands. Uses HY-75 oscillator tube. Micrometric tuning, silver plated tank circuit. Precision machined shorting bar. Low loss insulator. Complete with all parts & instructions, less tube.

Model HY-Q75	Net \$ 9.95
Completely assembled,	
wired & tested.	11.95

MILLEN



An electronic coupled oscillator having all the advantages of higher priced units. Compact & inexpensive to operate. For plugging directly into the crystal socket on any transmitter. Chirpless keying, low drift, good band spread. Frequency range, 3500-3650 providing output on 80 or 40 meters. Complete with tubes & self-contained power supply.

Model 90700	Net \$ 42.50
Model 90701, Same as above except	
output on 160 or 80.	42.50

Model 90711. A complete transmitter control unit utilizing an ECO voltage regulated power supply. Calibrated for all amateur bands, unusually stable & drift free. Output plugging directly into a crystal socket. Band switching, no plug-in coils. Clean chirpless keying. 105-125 VAC operation. Complete with tubes & impedance adaptor.

Model 90711	Price on request.
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BUD

V F O - 21



VFO-21. Compact & entirely self-contained. Stability comparable to crystal. Utilizes plug-in coil. Provision for switching to crystal control. May be used as low powered CW transmitter. Sufficient power output to drive beam power tube. Built-in power supply. 115 VAC operation. Complete with tubes & 1 set of 40 meter coils.

Model VFO-21	Net \$ 52.50
Coils for 10, 20 & 80 meter	
Per Set	4.00

TR

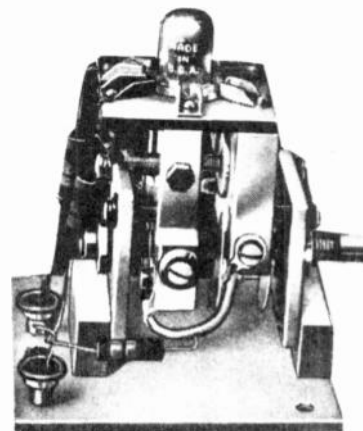
STANCOR ST-202-A KIT



ST-202-A Transmitter Kit. A radio telegraph transmitter capable of 100-125 watts input with the frequency range 3.5-30 MC. Crystal control. Two complete power supplies. Exciter band switching. Provisions for amplitude modulation. 6 plug-in crystal sockets. User may incorporate any popular tubes such as 35T, HK54, 812 etc. 115 VAC operation. Complete with cabinet, chassis, panel marking, bottom plate all parts but less meter tubes, coils & crystal.

Model ST-202-A	Net \$ 92.80
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CARDWELL V. H. F. OSCILLATOR KIT



An improved VHF oscillator kit for use on 144, 220 & 425 MC bands. Ideal for oscillator & Superhet receiver exciter unit or low powered transmitter. Uses one 6F4 tube. Complete with 3 sets of coils & instructions, less tube.

Model PL 20,024	Net \$ 10.80
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ALL THE BIG NAME BRANDS OF AMATEUR SHORT WAVE RECEIVERS and TRANSMITTERS

Choose your favorite new Receiver, Transmitter or related apparatus from Walter Ashe's ample and varied stocks. Prices are right.

SOLD ON TIME PAYMENTS — HIGHEST TRADE-IN ALLOWANCE

RCA RECEIVING TUBES

Type	List	Net		Type	List	Net		Type	List	Net	
		1-9	10-100			1-9	10-100			1-9	10-100
6Z4	\$ 2.20	\$ 1.32	\$ 1.10	6AB7/1853	2.65	1.59	1.33	6SF7	1.80	1.08	.90
6Z4G	2.20	1.32	1.10	6AC5GT	2.20	1.32	1.10	6SG7	1.80	1.08	.90
1A3	1.80	1.08	.90	6AC7/1852	2.65	1.59	1.33	6SH7	1.80	1.08	.90
1A4P	3.20	1.92	1.60	6AD7G	2.65	1.59	1.33	6SJ7	1.50	.90	.75
1A5GT	1.50	.90	.75	6AF6G	2.20	1.32	1.10	6SJ7GT	1.50	.90	.75
1A6	2.65	1.59	1.33	6AG5	2.65	1.59	1.33	6SK7	1.50	.90	.75
1A7GT	1.80	1.08	.90	6AG7	2.65	1.59	1.33	6SK7GT	1.50	.90	.75
1B3GT/80 16	3.90	2.34	1.95	6AK6	2.20	1.32	1.10	6SL7GT	2.20	1.32	1.10
1B4P	3.20	1.92	1.60	6AL5	1.80	1.08	.90	6SN7GT	2.20	1.32	1.10
1B5/25S	2.65	1.59	1.33	6AQ5	1.80	1.08	.90	6SQ7	1.35	.81	.68
1C5GT	1.80	1.08	.90	6AQ6	1.80	1.08	.90	6SQ7GT	1.50	.90	.75
1C6	2.65	1.59	1.33	6AT6	1.50	.90	.75	6SR7	1.50	.90	.75
1C7G	2.65	1.59	1.33	6AU6	1.80	1.08	.90	6SS7	1.80	1.08	.90
1D5GP	3.20	1.92	1.60	6B4G	2.65	1.59	1.33	6ST7	2.20	1.32	1.10
1D7G	2.65	1.59	1.33	6B5	2.65	1.59	1.33	6SZ7	1.80	1.08	.90
1D8GT	3.20	1.92	1.60	6B6G	1.80	1.08	.90	6T7G	2.65	1.59	1.33
1E5GP	3.90	2.34	1.95	6B7	2.65	1.59	1.33	6U5/6G5	1.80	1.08	.90
1E7G	2.20	1.32	1.10	6B8	2.65	1.59	1.33	6U7G	1.50	.90	.75
1F4	2.20	1.32	1.10	6B8G	2.65	1.59	1.33	6V6	2.65	1.59	1.33
1F5G	2.20	1.32	1.10	6BA6	1.80	1.08	.90	6V6GT	1.80	1.08	.90
1F6	3.20	1.92	1.60	6BE6	1.80	1.08	.90	6W7G	2.20	1.32	1.10
1F7G	3.20	1.92	1.60	6BF6	1.50	.90	.75	6X4	1.50	.90	.75
1G4GT	2.20	1.32	1.10	6BG6G	4.80	2.88	2.40	6X5	2.20	1.32	1.10
1G5G	2.20	1.32	1.10	6BJ6	1.80	1.08	.90	6X5GT	1.35	.81	.68
1G6GT	2.20	1.32	1.10	6C4	1.50	.90	.75	6Y6G	2.20	1.32	1.10
1H4G	1.80	1.08	.90	6C5	1.50	.90	.75	6Y7G	3.20	1.92	1.60
1H5GT	1.50	.90	.75	6C5GT	1.50	.90	.75	6Z7G	3.20	1.92	1.60
1H6G	2.65	1.59	1.33	6C6	1.80	1.08	.90	6ZY5G	1.80	1.08	.90
1J5G	2.65	1.59	1.33	6C8G	2.65	1.59	1.33	7A4	1.80	1.08	.90
1J6GT	2.65	1.59	1.33	6D6	1.50	.90	.75	7A5	1.80	1.08	.90
1L4	1.80	1.08	.90	6D8G	2.65	1.59	1.33	7A6	1.80	1.08	.90
1LA4	2.65	1.59	1.33	6E5	1.80	1.08	.90	7A7	1.80	1.08	.90
1LA6	2.65	1.59	1.33	6F5	1.50	.90	.75	7A8	1.80	1.08	.90
1LB4	2.65	1.59	1.33	6F5GT	1.50	.90	.75	7B4	1.80	1.08	.90
1LC5	2.65	1.59	1.33	6F6	1.80	1.08	.90	7B5	1.80	1.08	.90
1LC6	2.65	1.59	1.33	6F6G	1.50	.90	.75	7B6	1.80	1.08	.90
1LD5	2.65	1.59	1.33	6F6GT	1.50	.90	.75	7B7	1.80	1.08	.90
1LE3	2.65	1.59	1.33	6F7	2.65	1.59	1.33	7B8	1.80	1.08	.90
1LJ14	2.65	1.59	1.33	6F8G	2.65	1.59	1.33	7C5	1.80	1.08	.90
1LN5	2.65	1.59	1.33	6G6G	2.20	1.32	1.10	7C6	1.80	1.08	.90
1N5GT	1.80	1.08	.90	6H6	1.50	.90	.75	7C7	1.80	1.08	.90
1P5GT	2.20	1.32	1.10	6H6GT	1.50	.90	.75	7E6	1.80	1.08	.90
1Q5GT	2.20	1.32	1.10	6J5	1.35	.81	.68	7E7	2.20	1.32	1.10
1R5	1.80	1.08	.90	6J5GT	1.35	.81	.68	7F7	2.20	1.32	1.10
1S4	2.20	1.32	1.10	6J6	2.65	1.59	1.33	7F8	2.65	1.59	1.33
1S5	2.20	1.32	1.10	6J7	1.80	1.08	.90	7G7/1232	2.65	1.59	1.33
1T4	1.80	1.08	.90	6J7G	1.80	1.08	.90	7H7	2.20	1.32	1.10
1T5GT	2.20	1.32	1.10	6J7GT	1.80	1.08	.90	7J7	2.65	1.59	1.33
1U4	1.80	1.08	.90	6J8G	2.65	1.59	1.33	7L7	2.20	1.32	1.10
1U5	2.20	1.32	1.10	6K5GT	1.50	.90	.75	7N7	2.20	1.32	1.10
1V	1.80	1.08	.90	6K6GT	1.35	.81	.68	7Q7	1.80	1.08	.90
2A3	2.65	1.59	1.33	6K7	1.50	.90	.75	7R7	2.20	1.32	1.10
2A5	1.80	1.08	.90	6K7G	1.50	.90	.75	7S7	2.65	1.59	1.33
2A6	2.20	1.32	1.10	6K7GT	1.50	.90	.75	7V7	2.65	1.59	1.33
2A7	2.20	1.32	1.10	6K8	2.20	1.32	1.10	7W7	2.65	1.59	1.33
2B7	2.20	1.32	1.10	6K8G	2.65	1.59	1.33	7Y4	1.80	1.08	.90
2E5	2.20	1.32	1.10	6L5G	2.20	1.32	1.10	7Z4	1.80	1.08	.90
3A8GT	3.90	2.34	1.95	6L6	3.20	1.92	1.60	10	3.90	2.34	1.95
3LF4	2.65	1.59	1.33	6L6G	2.65	1.59	1.33	12A7	2.65	1.59	1.33
3Q4	1.80	1.08	.90	6L7	2.20	1.32	1.10	12A8GT	1.80	1.08	.90
3Q5GT	2.20	1.32	1.10	6L7G	2.65	1.59	1.33	12AH7GT	2.20	1.32	1.10
3S4	1.80	1.08	.90	6N7	2.20	1.32	1.10	12AL5	1.80	1.08	.90
3V4	1.80	1.08	.90	6N7GT	2.20	1.32	1.10	12AT6	1.50	.90	.75
5T4	3.20	1.92	1.60	6P5GT	1.80	1.08	.90	12AU6	1.80	1.08	.90
5U4G	1.35	.81	.68	6Q7	1.80	1.08	.90	12AU7	2.20	1.32	1.10
5V4G	2.20	1.32	1.10	6Q7G	1.50	.90	.75	12AW6	2.65	1.59	1.33
5W4	2.20	1.32	1.10	6Q7GT	1.50	.90	.75	12BA6	1.80	1.08	.90
5X4G	1.50	.90	.75	6R7	2.20	1.32	1.10	12BE6	1.80	1.08	.90
5Y3GT	.95	.57	.48	6R7GT	1.80	1.08	.90	12C8	2.65	1.59	1.33
5Y4G	1.25	.75	.63	6S7	2.20	1.32	1.10	12F5GT	1.50	.90	.75
5Z3	1.50	.90	.75	6S7G	2.65	1.59	1.33	12H6	1.50	.90	.75
5Z4	2.20	1.32	1.10	6SA7	1.50	.90	.75	12J5GT	1.35	.81	.68
6A3	2.65	1.59	1.33	6SA7GT	1.50	.90	.75	12J7GT	1.80	1.08	.90
6A4/LA	2.65	1.59	1.33	6S8GT	2.20	1.32	1.10	12K7GT	1.50	.90	.75
6A6	2.20	1.32	1.10	6SB7-Y	2.20	1.32	1.10	12K8	2.20	1.32	1.10
6A7	1.80	1.08	.90	6SC7	1.80	1.08	.90	12Q7GT	1.50	.90	.75
6A8	1.80	1.08	.90	6SF5	1.50	.90	.75	12SA7	1.50	.90	.75
6A8G	1.80	1.08	.90	6SF5GT	1.80	1.08	.90	12SA7GT	1.80	1.08	.90
6A8GT	1.80	1.08	.90								
6AB5/6N5	2.20	1.32	1.10								

RCA RECEIVING TUBES

Type	List	Net	10-100	Type	List	Net	10-100	Type	List	Net	10-100
12SC7	1.80	1.08	.90	25Z5	1.35	.81	.68	50	3.90	2.34	1.95
12SF5	1.50	.90	.75	25Z6	1.80	1.08	.90	50A5	2.20	1.32	1.10
12SF7	1.80	1.08	.90	25Z6GT	1.35	.81	.68	50B5	1.80	1.08	.90
12SG7	1.80	1.08	.90	26	1.50	.90	.75	50L6GT	1.50	.90	.75
12SH7	1.80	1.08	.90	27	1.35	.81	.68	50Y6GT	1.50	.90	.75
12SJ7	1.50	.90	.75	30	1.80	1.08	.90	53	2.20	1.32	1.10
12SJ7GT	1.50	.90	.75	31	2.20	1.32	1.10	55	1.80	1.08	.90
12SK7	1.50	.90	.75	32	2.65	1.59	1.33	56	1.50	.90	.75
12SK7GT	1.50	.90	.75	32L7GT	3.20	1.92	1.60	57	1.80	1.08	.90
12SL7GT	2.20	1.32	1.10	33	2.65	1.59	1.33	58	1.80	1.08	.90
12SN7GT	2.20	1.32	1.10	34	2.65	1.59	1.33	59	2.65	1.59	1.33
12SO7	1.35	.81	.68	35	1.80	1.08	.90	70L7GT	3.90	2.34	1.95
12SO7GT	1.50	.90	.75	35A5	1.80	1.08	.90	71A	1.80	1.08	.90
12SH7	1.80	1.08	.90	35B5	1.80	1.08	.90	75	1.50	.90	.75
12SH7GT	1.80	1.08	.90	35L6GT	1.50	.90	.75	76	1.50	.90	.75
12Z3	2.20	1.32	1.10	35W4	1.15	.69	.58	77	1.50	.90	.75
14A4	2.65	1.59	1.33	35Y4	2.20	1.32	1.10	78	1.50	.90	.75
14A5	3.90	2.34	1.95	35Z3	1.80	1.08	.90	79	2.20	1.32	1.10
14A7/12B7	2.20	1.32	1.10	35Z4GT	1.25	.75	.63	80	1.05	.63	.53
14B6	2.20	1.32	1.10	35Z5GT	1.15	.69	.58	81	3.20	1.92	1.60
14B8	2.20	1.32	1.10	36	2.20	1.32	1.10	82	2.20	1.32	1.10
14C7	2.20	1.32	1.10	37	1.50	.90	.75	83	2.20	1.32	1.10
14E6	1.80	1.08	.90	38	1.80	1.08	.90	83V	2.65	1.59	1.33
14F7	2.20	1.32	1.10	39/44	2.20	1.32	1.10	84/6Z4	1.50	.90	.75
14H7	2.65	1.59	1.33	41	1.50	.90	.75	85	1.80	1.08	.90
14J7	2.65	1.59	1.33	42	1.50	.90	.75	89	1.80	1.08	.90
14N7	2.65	1.59	1.33	43	1.50	.90	.75	117L7GT/			
14O7	2.20	1.32	1.10	45	1.50	.90	.75	117M7GT	3.90	2.34	1.95
14R7	2.20	1.32	1.10	45Z3	1.50	.90	.75	117N7GT	3.90	2.34	1.95
15	2.65	1.59	1.33	45Z5GT	1.50	.90	.75	117P7GT	3.90	2.34	1.95
19	2.65	1.59	1.33	46	2.20	1.32	1.10	117Z3	1.80	1.08	.90
24A	1.80	1.08	.90	47	2.20	1.32	1.10	117Z6GT	2.20	1.32	1.10
25A6	2.65	1.59	1.33	49	2.20	1.32	1.10				
25L6	2.65	1.59	1.33								
25L6GT	1.50	.90	.75								

AN ADDITIONAL DISCOUNT OF 5% MAY BE DEDUCTED FROM THE 100 PRICE WHEN BUYING OVER 100 TUBES.

BALLAST TUBES

AMPERITE

KL-25	KL-50S3	11-20
KL-45	KL-50E	50-AB
KL-75	70	100-70
KL-25H	90	100-77
KL-50H	KL-50S1	100-79
KL-75H	KL-50S2	200-R
L-55-B	320-R4	250-R
4-P-45	9-20	10-20

Any above,	Net each	\$.73
R-3003-A	4A1	3A20
Any above,	Net each	\$ 1.32



K42B	K80B	L55C
K42C	L42B	PB57
K49A	L42C	10-610
K49B	L42D	100-37
K49C	L49B	100-70
K49D	L49C	100-77
K55B	L49D	100-79
K55C	L55B	5459

Any above,	Net each	\$.59
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G-E NEON GLOW LAMPS

ELECTRODE SHAPES

W-11 P-3 PW-27 PW-5 P-2 P-4

BASE DESIGNATIONS

S. C. Bay. Min. D. C. Bay. Cand. Cand. Screw Medium Screw St. D. C. Bay. Cand.

Screw Base Lamps
Required series resistor mounted within base. See values marked "IN" in column "Series Resistance." Lamps may be applied to higher circuit voltages by use of suitable external resistors—see reverse side.

Bayonet Base Lamps
External means must be provided to limit current to normal amount. External resistors, to be supplied by user, should be of the values marked "EX" in column "Series Resistance" for rated volts. Also see reverse side.

CLEAR NEON LAMPS		Average useful life, all types, approximately 3000 hours															
Watts, Nominal	1/25	1/25	1/4	1/4	1/4	1/4	1/4	1/2	1	1	1	2	2	3	3		
Volts (Circuit)	105-125	105-125	105-125	105-125	105-125	105-125	105-125	105-125	105-125	210-230	105-125	105-125	210-230	105-125	105-125		
Balls	T-2	T-3 1/2	T-4 1/2	T-4 1/2	T-4 1/2	T-4 1/2	T-4 1/2	T-4 1/2	G-10	G-10	G-10	G-10	S-14	S-14	S-14		
Base	Unbased (Wire Term)	S. C. Bay. Min.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.	D. C. Bay. Cand.		
Max. Overall Length, inches	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	2 1/4	2 1/4	2 1/4	2 1/4	3 1/4	3 1/4	3 1/4		
Electrode Shape	W-11	W-11	P-3	P-3	P-3	PW-27	PW-27	P-3	PW-5	PW-5	PW-5	PW-5	P-2	P-2	P-4		
Approx. Starting Voltage	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65		
Series Resistance	Ohms	200000	200000	200000	200000	200000	200000	200000	200000	200000	200000	200000	200000	200000	200000		
Package Unit	100	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Outside Size Standard	1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
Number	NE-2	NE-51	NE-45	NE-48	NE-16	NE-57	NE-17	NE-58	NE-30	NE-32	NE-56	NE-34	NE-36	NE-40	NE-42		
Net	\$.08	.10	.40	.35	.42	.40	.45	.40	.40	.45	.40	.50	.55	.60	.55		



PRICE SCHEDULE

NON-RECEIVING TUBES

ISSUED

9-1-47

(POWER TUBES • CATHODE-RAY TUBES • PHOTOTUBES • SPECIAL TUBES)

Types marked with (†) are subject to Federal Excise Tax which is included, where applicable, in the prices shown below.

ALL PRICES SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE

Type	User Price	Type	User Price	Type	User Price	Type	User Price	Type	User Price
OA2	\$2.00	6C24	\$45.00	826	\$9.25	923	\$1.75	1851 (†)	\$2.70
OA3/VR75	1.20	6F4 (†)	5.55	827-R	150.00	924	2.25	1904	21.00
OA4-G	1.15	6J4 (†)	7.00	828	12.50	925	1.85	1945	95.00
OC3/VR105	1.20	6SJ7-Y (†)	.75	829-B	14.75	926	2.50	1946	9.50
OD3/VR150	1.20	6SN7-GTY(†)	1.20	830-B	10.00	927	2.50	1947	7.30
1C21	2.20	7C24	145.00	832-A (†)	10.60	928	2.75	1949	9.85
1P21	47.50	7CP1	24.00	833-A	45.00	929	1.75	1950	6.75
1P22	12.75	8D21	1700.00	834	12.50	930	1.50	2050	1.70
1P28	13.50	9C21	825.00	835	10.50	931-A	9.25	2051	1.70
1P29	2.55	9C22*	1125.00	836	6.00	934	3.00	5527	47.50
1P37	2.50	9C25*	1050.00	837	4.15	935	6.75	5550	42.00
1P39	1.85	9C27	775.00	838	12.00	954 (†)	4.90	5551	70.00
1P40	1.60	10-Y (†)	1.95	841 (†)	3.80	955 (†)	3.10	5552	105.00
1P41	2.40	12A6 (†)	1.10	842	3.50	956 (†)	5.45	5553	230.00
1P42	5.40	12K8-Y (†)	1.15	843	2.00	957 (†)	3.25	5554	165.00
2A4G	1.60	12L8-GT (†)	1.95	845	12.00	958-A (†)	5.45	5555	320.00
2AP1-A	9.50	12SW7 (†)	.95	846	250.00	959 (†)	5.45	5556	8.00
2BP1	8.75	12SX7GT(†)	1.20	849	120.00	991	.75	5557	6.50
2BP11	10.00	12SY7 (†)	1.15	850	37.50	1603 (†)	6.15	5558	12.00
2C21/1642(†)	1.20	26A6 (†)	1.90	851	230.00	1608	6.75	5559	17.50
2C22 (†)	1.40	26C6 (†)	1.60	852	25.00	1609	7.50	5560	21.00
2C40 (†)	13.60	26D6 (†)	1.75	857-B	190.00	1610 (†)	2.15	5561	33.00
2C43 (†)	10.30	26A7-GT(†)	5.15	858	450.00	1612 (†)	2.60	5563	40.00
2D21	1.80	89-Y (†)	.80	860	30.00	1613 (†)	1.70	5581	2.25
2E24	4.60	105	44.00	861	155.00	1614 (†)	1.80	5582	2.40
2E26	3.50	172	42.00	862-A†	1050.00	1616	7.50	5583	2.85
2F21	105.00	203-A	12.00	864	1.50	1619	2.20	5584	3.60
2P23	1200.00	204-A	100.00	865	10.00	1620 (†)	6.00	5588	100.00
2V3-G	2.75	207	220.00	866-A	1.75	1621 (†)	1.85	5592	1140.00
2X2/879	1.80	211	12.00	868	2.15	1622 (†)	2.00	5655	1300.00
2X2-A	1.80	217-C	20.00	869-B	120.00	1623	3.50	8000	13.25
3A4 (†)	1.05	218	165.00	870-A	900.00	1624	3.50	8003	11.25
3A5 (†)	1.50	304TH	50.00	872-A	7.50	1625	2.30	8005	7.00
3AP1-A	13.00	502-A	1.80	874	2.50	1626	1.60	8008	7.50
3B25	5.80	559	5.35	878	11.00	1629	1.20	8012-A	14.00
3BP1-A	15.00	575-A	28.00	880	440.00	1631 (†)	2.15	8013-A	9.00
3C23	12.00	579-B	12.00	884	1.70	1632 (†)	2.70	8014A	67.50
3C33	18.50	627	15.00	885	1.80	1633 (†)	1.65	8020	20.00
3D22	12.00	629	6.00	886	4.00	1634 (†)	1.20	8025-A	9.25
3E22	6.85	672	23.00	889-A	190.00	1635 (†)	1.85	9001 (†)	2.70
3E29	17.25	673	28.00	889R-A*	280.00	1644 (†)	2.70	9002 (†)	2.15
3FP7A	20.50	676	44.00	891	200.00	1654	4.00	9003 (†)	2.70
3JP7	18.75	677	44.00	891-R*	345.00	1840	1300.00	9004 (†)	2.15
3KP1	13.25	800	10.00	892	200.00	1848	500.00	9005 (†)	3.00
4B26/2000	9.00	801-A	3.00	892-R*	345.00	1850-A	540.00	9006 (†)	1.40
4C33	160.00	802	4.25	893-A	570.00	*The following credits currently apply when radiators or crates are returned prepaid, in acceptable condition, to the address shown on our return authorization.			
4-125A/4D21	25.00	803	21.00	893A-R*	1050.00				
4E27/8001	27.50	804	15.00	898-A†	1050.00	†\$5.00 credit allowed for prepaid return of shipping container and \$10.00 salvage credit allowed for prepaid return of 862-A and 898-A at time of new tube purchase, both to be in good condition.			
5BP1-A	20.50	805	11.75	902-A	9.75				
5CP1-A	21.00	806	30.00	905-A	45.00				
5CP7A	24.00	807	2.30	908-A	15.00				
5CP11A	25.50	808	8.50	912	155.00				
5FP4-A	38.00	809	3.50	913	14.00				
5R4-GY (†)	1.30	810	12.50	914-A	85.00				
5UP1	15.50	811	3.50	917	3.00				
5UP7	18.50	812	3.50	918	2.60				
5UP11	20.00	813	14.50	919	3.00				
6AG7-Y (†)	1.50	814	12.50	920	3.60				
6AK5 (†)	2.15	815	6.25	921	1.75				
6AS7-G	5.45	816	1.25	922	1.80				



SHIELDS



G. T. BANTAM TUBE SHIELDS

No. 1729 Net \$.09

3 PIECE TUBE SHIELD

No. 1709 Net \$.24

ALUMINUM TUBE SHIELD

No. 1541 2 1/16"x 3 15/16" Net \$.24

807 TUBE SHIELD

No. 1545 Net \$.36

METAL GRID CAP SHIELD

No. 1552 Net \$.06

COIL SHIELD

No. 1549 3 x 3 1/2" Hgt. Net \$.45

Belden shielding



All tinned copper braid.

Number	Size		
8660	13/64"	Net per ft.	\$.02
8660	50 ft. roll	Net	.94
8660	250 ft. roll		3.79

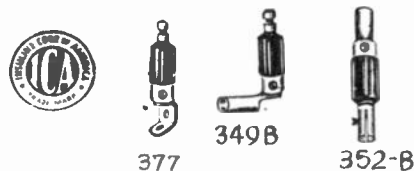
Number	Size		
8668	1/8"	Net per ft.	\$.02
8668	50 ft. roll	Net	.94
8668	250 ft. roll		3.89

Number	Size		
8661	3/8"	Net per ft.	\$.035
8661	50 ft. roll	Net	1.50
8661	250 ft. roll		6.72

Number	Size		
8669	1/2"	Net per ft.	\$.10
8669	50 ft. roll	Net	4.18
8669	250 ft. roll		19.79

Number	Size		
8662	25/32"	Net per ft.	\$.13
8662	50 ft. roll	Net	5.58
8662	250 ft. roll		26.46

IGNITION SUPPRESSORS



Type No.		Net
377	Bracket Type	\$.18
349B	Slip-on	.18
352B	Distributor	.21

TRANSMITTING TUBES

HEINTZ & KAUFMAN

Type	"GAMMATRON"	Net
24		\$ 4.75
24G		6.00
54		8.00
253		18.50
254		13.50
257B		24.50
354C		24.50
354E		24.50
454L		27.50
454H		27.50
654		75.00
854L		60.00
854H		60.00
953B		12.00
953D		30.00
953E		75.00
1054L		135.00
1554		225.00
3054		395.00

G. E. TUBES

Type		Net
OB3/VR90		\$ 1.20
FG-27A		19.00
FG-67		21.00

Type	AMGLOW	Net
54R4X		\$ 17.50

UNITED ELECTRONICS

Type		Net
812-H		\$ 6.90
V-70-D		6.90

SYLVANIA

Type		Net
OA5		\$ 4.80
1D21		4.40
R-4330		15.20
R-4340		23.75

TAYLOR TUBES

Type		Net
T-20		\$ 2.75
TZ-20		2.75
TUF-20		5.50
T-21		1.95
TB-35		10.00
T-40		3.95
TZ-40		3.95
T-55		6.50
T-60		7.00
TW-75		9.00
T-100		12.50
T-125		13.50
TW-150		16.00
T-200		21.50
203-Z		9.00
805		10.00
810		12.50
813		14.50
822		18.50
TT-17		6.50
TR-40M		20.00
203A		12.00
211		12.00
211C		12.50
HD-203A		14.50
249B		5.00
T-300		30.00
803		21.00
814		18.50
822-S		21.50
838		12.00
841-SW		8.00
845		12.00
866A		1.75
866 Jr.		1.25
872A		7.50
873		17.25
875A		30.00

HYTRON

Type		Net
OA3		\$ 2.30
2E25		3.95
2E30		2.25
3C30		4.50
HY-24		1.50
HY-31Z		3.95
HY-69		3.95
HY-75		3.95
HY-114B		2.25
HY-117		2.20
HY-615		2.25
HY-1231Z		4.50
HY-1269		4.50
HY-5514		3.95
HY-5516		7.00

EIMAC

Type		Net
25T		\$ 6.00
3C24		6.00
35T		7.00
35TC		8.00
UH-50		15.00
75TH		10.50
75TL		10.50
2C39		30.00
100TH		15.00
100TL		15.00
152TH		24.00
152TL		24.00
3C37		45.00
250TH		27.50
250TL		27.50
304TH		50.00
304TL		50.00
450TH		70.00
450TL		70.00
750TL		150.00
1000T		125.00
1500T		200.00
2000T		250.00
3X2500A3		165.00
3X2500F3		165.00
3X12500A3		700.00
4-65A		14.50
4-125A		25.00
4-250A		36.00
4X150A		31.00
4X500A		85.00
4-1000A		108.00
RX21A		8.00
KY21A		10.00
100R		13.50
2-150A		15.00
2-150D		15.00

RAYTHEON

Type		Net
BH		\$ 2.70
RK4D32		9.75
RK-61		3.50
CK502AX		3.20
CK503AX		3.20
CK505AX		3.20
CK606AX		3.20
CK507AX		3.20
CK510AX		5.35
CK515AX		3.20
CK556AX		3.90
CK568AX		3.90
CK569AX		2.60
CK600AX		3.90
CK605CX		8.00
CK606BX		6.40
CK608CX		7.00
CK619CX		7.00
CK1005		3.80
CK1006		3.25
CK1007		1.90
CK1012		3.25
CK1013		2.25
CK1089		6.00
CK1Q90		2.25

RCA REPLACEMENT DIRECTORY OF NON-RECEIVING TUBE TYPES

Tube Types Covered Include: Vacuum Power Tubes, Rectifier Tubes, Thyratrons, Ignitrons, Voltage Regulators, Phototubes, Cathode-Ray Tubes, and Special Types.

Consult this chart first

Then, this chart

Direct Replacement Types

RCA types shown below are direct replacements under all circumstances for corresponding types to be replaced.

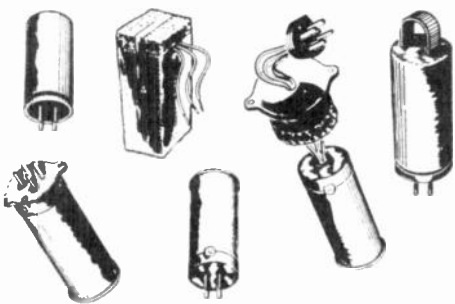
Type to be Replaced	Replace by RCA Type	Type to be Replaced	Replace by RCA Type
CE-1 (A-D)	868, 918	FJ-401	1P29
2AP1	2AP1-A	GL-415	5550
3AP1	3AP1-A	GL-451	8020
3BP1	3BP1-A	WL-630	2051
4D21	4-125A 4D21	WL-631	5559
5BP1	5BP1-A	WL-632A	5560
5CP1	5CP1-A	KU-634	677
5CP7	5CP7-A	WL-651 656	5552
5HP1	5HP1-A	WL-652 657	5551
PJ-8	5556	WL-653B	5555
G-9	868	WL-655 658	5553
CE-11V(A-D)	917	WL-679	5554
FG-17	5557	WL-681 686	5550
RK-20A	804	WL-735	868
CE-21(A-D)	920	801	801-A
CE-23(A-D)	923	829	829-B
PJ-23	868	829-A	829-B
RK-28A	803	832	832-A
CE-25(A-D)	927	833	833-A
CE-28(A-D)	928	C-833	833-A
CE-29(A-D)	929, 1P39	862	862-A
CE-30(A-D)	930, 1P40	866	866-A
RK-30	800	836-A 866	866-A
FG-32	5558	857	857-B
CE-41	921	869-A	869-B
CE-42	922	870	870-A
RK-44	837	872	872-A
RK-47	814	872-A 872	872-A
R51A	927	F-872B	872-A
FG-57	5559	879	2x2 879
RK-57	805	889	889-A
RK-58	838	893	893-A
R59A	868, 918	902	902-A
R60A	920	UE-905	805
HY-61 807	807	905	905-A
R61A	930	906P1	3AP1-A
FG-67	1904	908	908-A
VR75-30	OA3 VR75	914	914-A
FG-95	5560	931	931-A
FG-104	5561	UE-938	838
VR105-30	OC3 VR105	UE-949	849
VR150-30	OD3 VR150	UE-952	852
CE-226	4B26 2000	UE-966A	866-A
FG-235A	5552	UE-967	5557
FG-238B	5555	UE-972A	872-A
HK-257(B)	4E27 8001	UE-975A	575-A
FG-258A	5553	1802-P1	5BP1-A
FG-259B	5554	1803-P4	12AP4
FG-271	5551	1804-P4	9AP4
WE-295A	203-A	1811-P1	7CP1
UE-303A	203-A	1849	1850-A
F-307A	207	1850	1850-A
CE-309	5557	2000	4B26 2000
UE-311	211	8001	4E27 8001
UE-311C	835	2525A5	5BP1-A
UE-317C	217-C	189049	4B26 2000
WE-322A	803	289416D	4B26 2000
UE-342B	211		

Similar Types

RCA types shown below are similar to the corresponding types to be replaced. For more information as to degree of interchangeability, compare published data.

Type to be Replaced	Similar RCA Type	Type to be Replaced	Similar RCA Type	Type to be Replaced	Similar RCA Type
1P32	927	HY-69	1624	WE-284(A, D)	845
CE-2(A-D)	930, 1P40	V-70D	8005	WE-287A	5557
2B4	885	R71A	930, 1P40	WE-289A	4B26 2000
2E25	2E24	R71AV	925	WE-298A	862
3B27	836	71D	929	HF-300	806
3C21	838	FP-85	8020	T-303C	8000
4C21	211	R85A	928	UE-303U	8000
4C22	810	HF-100	810	UE-304A	204-A
CE-5(A-D)	927	100TH	810	WE-304B	834
5HP1	5BP1-A	100TL	8000	WE-307A	837
6Q5-G	884	ZB-120	838	UE-310	801-A
7GP4	7JP4	T-125	810	UE-311CH	8000
RK-11	1623	HF-130	211	UE-311(T, CT)	8003
HV-12	806	143D	2X2 879	UE-312E	849
RK-12	809	GL-146	805	315A	673
G15F	927	150P	803	WE-319A	872-A
FV-20	8000	150T	806	WE-321A	673
T-20	1623	TW-150	810	WE-322A	803
TV-20	810	152TH	806	WE-331	805
TZ-20	809	152TL	806	WE-341AA	891-R
CE-22(A-D)	924	GL-152	805	C-350	807
PJ-22	917	HK-154	808	353A	872-A
RK-23	802	T-155	806	HK-354(C,D,E,F)	806
RK-23A	802	WL-195	852	WE-356A	808
HY-25	809	WL-196	852	WE-357A	833-A
RK-25	802	C-200	810	F-357A	857-B
RK-25B	802	HF-200	8000	F-363A	892
RK-27	806	T-200	806	F-367A	673
FG-27A	5559	C-201	805	375A	673
RK-28	803	C-202	805	F-376A	835
HY-30Z	809	HD-203(A, C)	805	UE-468	8000
CE-31	919	HF-203H	8003	WL-463	806
RK-33	2C21 1642	T-203Z	838	WL-471	8003
CE-34	934	WE-205(D, E)	1602	HK-654	831
35(G, T)	808	211B	211	WL-734	917
CE-36(A-D)	927	211C	835	WL-741	923
RK-36	806	HD-211C	805	T-756	809
RK-37	808	211D	211	UE-812H	8005
RK-38	806	211E	835	T-814	806
RK-39	807	HF-211H	8003	T-822	806
HY-40	812	212E	849	825	1623
HY-40Z	811	WE-214E	217-A	848	891
T-40	812	WE-22GC	892	C-849A	833-A
TZ-40	811	Z-225	866-A	C-849H	833-A
RK-41	807	CE-225	4B26 2000	852-A	852
RK-45	837	WE-231D	864	F-857A	857-B
RK-46	804	241B	833-A	861-A	861
RK-48A	813	242C	211	863	892
SR-50	917	WE-249A	866-A	866-B	866-A
HY-51B	830-B	T-249B	866-A	C-872	872-A
HY-51Z	838	250TH	806	UE-911CH	835
RK-51	830-B	250TL	806	UE-942	842
SR-51	926	HF-250	806	1899	2F21
RK-52	811	WE-252A	842	2501-A3	3AP1-A
53AWB	927	HK-254	810	2501-C3	908-A
SR-53	917	WE-254B	865	5514	811
HK-54	808	WE-255B	869-B	5516	2E24
T-55	8005	HF-258B	866-A		
HY-57	809	260A	860		
R58A	927	HF-261A	835		
58AWB	927	264(A, B)	864		
59D	929	266B	857-B		
CE-60	917	WF-266C	857-B		
HY-60	807	267B	872-A		
SK-60	868	WE-268A	801-A		
R61BV	929	270A	831		
RK-63	806	WE-271A	843		
SK-63	918	WE-274(A, B)	5R4-GY		
R64AV	925	276A	835		
RK-64	807	282A	850		

MALLORY REPLACEMENT VIBRATORS



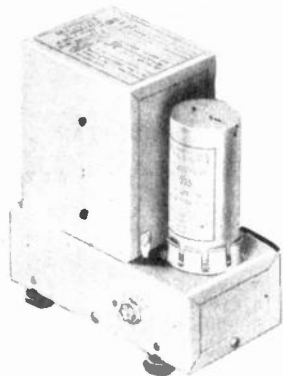
Type	Volt	Net
222	6	\$ 4.49
245	6	4.06
245A	6	4.06
245C	6	4.06
W245	4	4.06
W245A	4	4.06
246	6	4.06
246A	6	4.06
W246	4	4.06
247	6	4.06
F247	32	4.49
248	6	4.06
249	6	4.06
270B	6	4.88
271	6	4.88
Adapter		.79
271HD	6	4.88
273C	6	4.49
273D	6	4.49
286S	6	4.49
G286S	12	6.12
292	6	2.82
294	6	2.18
F294	32	3.65
F297	32	4.06
298	6	3.23
F502P	32	4.88
505P	6	2.03
506F	6	3.23
514	6	4.06
716	6	4.06
725C	6	4.49
G725C	12	5.32
742	6	4.06
743	6	4.06
748	6	4.06
G749C	12	5.32
825C	6	3.67
826C	6	3.23
F826C	32	4.06
G826C	12	4.06
839	6	2.82
852	6	2.18
853	6	2.18
854	6	2.18
859	6	2.18
860	6	2.18
870	6	2.18
901M	6	2.03
952W	6	4.06
953W	6	4.06
954	6	4.06
1100	6	2.18
1501	6	2.41
T-4000	-	3.38
T-4002	2	5.70
T-4003	2	5.23

VIBRATOR GUIDE

Bigger and better than ever before. Lists all replacements for all pre-war sets. Lots of good information.

ASK FOR YOUR FREE COPY.....

VIBRAPACKS

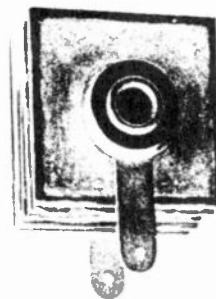


Mallory

The new Mallory Vibrapacks are equipped with complete built-in noise suppression. Each are ideal power supplies for providing dependable and low cost high voltage DC from a low voltage storage battery. Used in automobile receivers: Police, Amateur, Shortwave etc.

Number	Input	Voltage Output	M. A. Output	Net
VP-551	6.3	125-150 175-200	100 MA	\$12.94
VP-552	6.3	225-250 275-300	100 MA	15.44
VP-553	6.3	125-150 175-200	100 MA	14.41
VP-554	6.3	225-250 275-300	100 MA	16.91
VP-555	6.3	300	200 MA	30.58
VP-557	6.3	400	150 MA	30.58
VP-G556	12.6	225-250 275-300	100 MA	16.91
VP-F558	32.	225-250 275-300	100 MA	18.38

RECTIFIERS



SELETRON RECTIFIER

These new rectifiers may be used in place of any rectifier tube where ratings are similar. Mechanically rugged, long service life. No warm up, hum or audio distortion. Instructions packed with each unit.

Number	M. A. D. C.	Net
5-M1	100	\$.96
5-P1	150	1.10
5-Q1	250	1.40

HAM GEAR SUPPLIES

TEST EQUIPMENT

COMPONENTS

Walter Ashe RADIO COMPANY
1125 PINE ST. • ST. LOUIS 1, MO.

You Get ALL 5 at Walter Ashe

"SURPRISE" 1

TRADE-IN ALLOWANCES

SUPER BARGAINS 2

IN SURPLUS EQUIPMENT

SHIPMENT... 3

THE SAME DAY... OFTEN THE SAME HOUR FOLLOWING RECEIPT OF YOUR ORDER

BIGGER-THAN-EVER 4

STOCKS OF UP-TO-THE-MINUTE COMPONENTS and PARTS

AHEAD 5

OF THE PARADE "SERVICE... FACILITIES... VALUES"

TIME PAYMENTS AVAILABLE

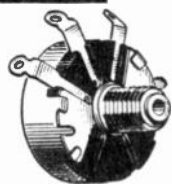
REMEMBER...

Your Trade-In's Worth More at The Walter Ashe Store

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

VO



VOLUME CONTROLS



IRC DUAL CONTROLS



RADIOHM WITHOUT TAP

Number	Res. Ohms	Tap	Taper	Net
D11-103	500	-	A	.73
D11-108	1M	-	A	.73
D11-110	2M	-	A	.73
D11-112	3M	-	A	.73
D11-113	4M	-	A	.73
D11-114	5M	-	A	.73
D13-114	5M	-	C	.73
D14-114	5M	-	D	.73
D11-115	7,500	-	A	.73
D11-116	10M	-	A	.73
D13-116	10M	-	C	.73
D14-116	10M	-	D	.73
D16-116	10M	-	F	.73
D18-117X	13M	3M	H	1.09
D14-118	15M	-	D	.73
D16-118	15M	-	F	.73
D16-119	20M	-	F	.73
D11-120	25M	-	A	.73
D14-120	25M	-	D	.73
D16-120	25M	-	F	.73
D18-122X	30M	6M	H	1.09
D18-123XX	44M	7M-14M	Sp.	1.09
D11-123	50M	-	A	.73
D13-123	50M	-	C	.73
D14-123	50M	-	D	.73
D13-125	75M	-	C	.73
D14-125	75M	-	D	.73
D11-128	100M	-	A	.73
D13-128	100M	-	C	.73
D11-129	200M	-	A	.73
D14-129	200M	-	D	.73
D11-130	250M	-	A	.73
D13-130	250M	-	C	.73
D13-130X	250M	125M	Sp.	1.09
D14-130	250M	-	D	.73
D17-130X	250M	25M	Sp.	1.09
D18-130X	250M	60M	H	1.09

D18-130XX	250M	60M-120M	Sp.	1.09
D13-132	350M	-	C	.73
D17-132X	350M	35M	Sp.	1.09
D18-132X	350M	75M	H	1.09
D11-133	500M	-	A	.73
D13-133	500M	-	C	.73
D13-133X	500M	125M	H	1.09
D14-133	500M	-	D	.73
D17-133X	500M	25M	Sp.	1.09
D18-133X	500M	50M	Sp.	1.09
D19-133X	500M	250M	Sp.	1.09
D18-133XX	500M	100M-200M	Sp.	1.09
D11-137	1.0 meg.	-	A	.73
D13-137	1.0 meg.	-	C	.73
D13-137X	1.0 meg.	250M	H	1.09
D14-137	1.0 meg.	-	D	.73
D17-137X	1.0 meg.	35M	Sp.	1.09
D17-137XX	1.0 meg.	50M-100M	Sp.	1.09
D18-137X	1.0 meg.	100M	Sp.	1.09
D18-137XX	1.0 meg.	250M-500M	Sp.	1.09
D19-137X	1.0 meg.	100M	Sp.	1.09
DVC-539X	1.0 meg.	500M	Sp.	1.09
D13-139	2.0 meg.	-	C	.73
D13-139X	2.0 meg.	500M	H	1.09
D15-139X	2.0 meg.	5M	Sp.	1.09
D13-139XX	2.0 meg.	500M-1.0meg.	Sp.	1.09
D17-139X	2.0 meg.	150M	Sp.	1.09
D18-139X	2.0 meg.	1.0 meg.	Sp.	1.09

D18-139XX	2.0 meg.	250M-500M	Sp.	1.09
D19-139X	2.0 meg.	50M	Sp.	1.09
D13-140	3.0 meg.	-	C	.73
D11-141	5.0 meg.	-	A	.73
D11-143	10.0 meg.	-	A	.73

Number	Resistance Ohms	Curve
N-157	500	1
N-158	1,000	1
N-159	2,000	1
N-160	3,000	1
N-161	4,000	1
N-106	5,000	1
N-162	5,000	6
N-163	7,500	1
N-107	10,000	1
N-100	10,000	3
N-108	10,000	4
N-109	10,000	6
N-110	15,000	3
N-111	15,000	4
N-112	20,000	3
N-113	25,000	1
N-164	25,000	4
N-101	25,000	3
N-114	50,000	1
N-115	50,000	6
N-175	75,000	1
N-165	75,000	6
N-166	75,000	4
N-116	100,000	1
N-117	100,000	6
N-167	150,000	6
N-168	200,000	1
N-169	200,000	4
N-176	250,000	1
N-102	250,000	6
N-118	500,000	1
N-170	500,000	4
N-103	500,000	6
N-171	750,000	6
N-104	1 Meg.	6
N-155	2 Megs.	6
N-156	3 Megs.	6
N-177	5 Megs.	1
N-178	10 Megs.	1

Net each \$.73

TAPPED FOR AUDIO GRID

Number	Resistance Max.	Tap
NT-119	250,000	75,000
NT-147	250,000	125,000
NT-148	350,000	75,000
NT-120	500,000	150,000
NT-149	500,000	250,000
NT-150	1 Meg.	200,000
NT-121	1 Meg.	300,000
NT-151	2 Megs.	200,000
NT-152	2 Megs.	400,000
NT-122	2 Megs.	600,000
NT-153	2 Megs.	1 Meg.
NT-154	2 Megs.	1 Meg.

Net each \$ 1.09

CENTRALAB SWITCHES

Number	Type	Net
K-155	SPST	\$.36
K-156	SPDT	.45
K-157	IPST	.45
K-158	Four Point	.45

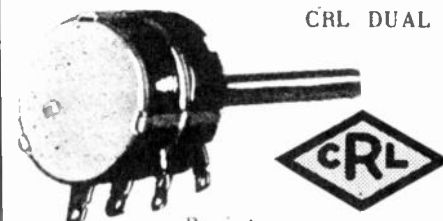
Number	IRC SWITCHES	Net
41	SP., ST	\$.36
42	IP., ST	.45
43	SP., DT	.45
45	Four Point	.45
47	SP., ST, with dummy lug	.45



Number	Unit	Ohms
35-1620	Front	10,000
	Rear	25,000
61-1623	Front	10,000
	Rear	50,000
33-2828	Front	0.1 meg.
	Rear	0.1 meg.
33-3030	Front	0.25 meg.
	Rear	0.25 meg.
33-3333	Front	0.5 meg.
	Rear	0.5 meg.
33-3737	Front	1.0 meg.
	Rear	1.0 meg.
33-3939	Front	2.0 meg.
	Rear	2.0 meg.

Net each \$1.82

CRL DUAL



Number	Resistance		Net
	Front	Rear	
C-100	10,000	25,000	\$ 1.82
C-101	10,000	50,000	1.82
C-102	100,000	100,000	1.82
C-103	250,000	250,000	1.82
C-104	500,000	500,000	1.82

"SENIOR" VOLUME CONTROL KIT



IRC

View of
Cabinet closed

Includes 18 popular size volume controls, 5 switches and 5 extra shafts. HANDSOME STURDY METAL CABINET FREE.

"Sr." V.C. Kit Net \$ 18.17



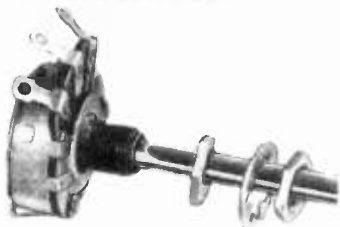
"JUNIOR" VOLUME CONTROL KIT
Includes 9 popular size volume controls, 4 switches and 4 extra shafts. CABINET FREE.

"Jr." V.C. Kit Net \$ 9.53

WALTER ASHE RADIO CO.

1125 PINE STREET • PHONE CHESTNUT 1125 • ST. LOUIS 1, MISSOURI

MALLORY



MALLORY WIRE WOUND CONTROLS

Number	Ohms	Number	Ohms
Q	2	D12	3000
R	6	D	3000
S	10	A3MP	3000
T	20	D7	3000
U	30	A4MP	4000
V	60	E	5000
W	100	A5MP	5000
X	200	E7	5000
A400P	400	F	7500
A	500	F7	7500
A550P	550	G	10000
B	1000	A10MP	10000
LC500	1000	C7	10000
A1MP	1000	H	15000
C12	2000	H7	15000
C	2000	A20MP	20000
A2MP	2000		

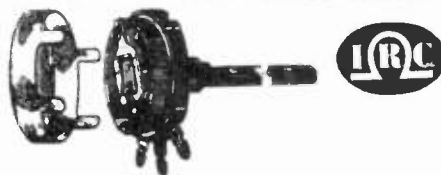
Net each \$.73

All above rated at 4 Watts

No. 6-9 Switch for above Net \$.36

CONTROLS

WIRE WOUND CONTROLS

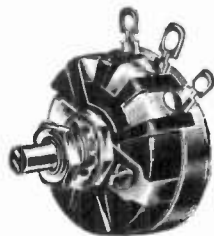


A dependable wire wound control of uniform resistance change for power requirements up to 2 watts. Diameter, 1 1/4"; depth behind panel 9/16"; shaft length 2 15/16" from control face. Less switch.

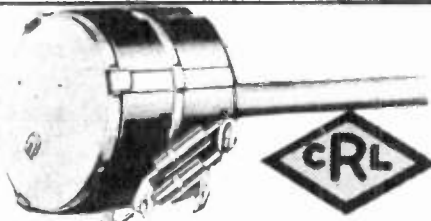
No.	Ohms	M. A.	No.	Ohms	M. A.
W-2	2	1,000	W-100	100	.142
W-3	3	.815	W-200	200	.100
W-5	5	.630	W-300	300	.083
W-6	6	.560	W-400	400	.071
W-8	8	.500	W-500	500	.063
W-10	10	.450	W-750	750	.052
W-15	15	.370	W-1000	1000	.045
W-20	20	.320	W-2000	2000	.032
W-25	25	.285	W-3000	3000	.026
W-30	30	.260	W-4000	4000	.022
W-40	40	.225	W-5000	5000	.020
W-50	50	.200	W-7500	7500	.016
W-60	60	.183	W-10000	10000	.014
W-75	75	.164			

Net each \$.73

No. 51 S.P., S.T. Switch Net \$.36



CLAROSTAT



CRL P/A CONTROL

Designed primarily for inexpensive sound equipment including all types of fading and mixing systems. All units have metal shaft 1 7/8" from end of 3/8" bushing. Limited to input applications. Maximum power rating for all units of 1 watt.

Number	Ohms	Description	Net
M-140	250M	Gain Control	\$ 1.03
M-141	500M	Gain Control	1.03
M-142	1 Meg.	Gain Control	1.03
M-143	2 Meg.	Gain Control	1.03
MT-144	500M	Straight Fader	1.18
MT-145	1 Meg.	Straight Fader	1.18
MX-146	50	"Delta-T" Pad	2.06
MX-147	200	"Delta-T" Pad	2.06
MX-148	500	"Delta-T" Pad	2.06

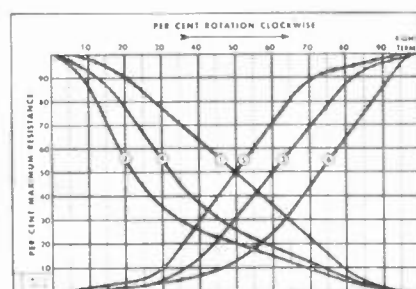
SERIES 58 WIRE-WOUND CONTROLS

Number	Ohms	Net
58-1000	1000	\$.73
58-2000	2000	.73
58-3000	3000	.73
58-5000	5000	.73
58-7500	7500	.73
58-10K	10000	.73
58-15K	15000	.73
58-20K	20000	.73
58-25K	25000	.94
58-30K	30000	.94
58-40K	40000	.94
58-50K	50000	1.32
10-75K	75000	2.06
10-100K	100000	2.06

All above controls less switch.

CRL TAPERS

- 1- Linear taper. Has uniform change (resistance) from either end.
- 2- Right hand log. taper as "C" bias rheostat.
- 3- Tapered at both ends, use as antenna shunt and bias of 1 or 2 tubes without bleeder current.
- 4- Antenna shunt. Also where bias change gives vol. cont. effect.
- 6- A log curve with slow resistance change. Use as audio grid, tone.
- S- Linear taper, either end, tapered.



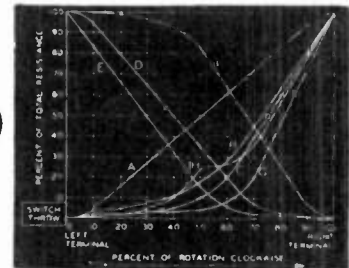
MALLORY



"T" PAD ATTENUATORS

Designed to provide a simple method of controlling the level of low impedance audio circuits, and for volume control of microphones, phonographs, PA systems and Allied equipment. DC dissipation rating, 4 watts. May be used with amplifier having peak rating of 15 watts. Complete with knob.

Ohms Imp.	"T" Pad Attenuators		"L" Pad Attenuators	
	No.	Net	No.	Net
6	T6	\$2.50	L6	\$2.21
8	T8	2.50		
15	T15	2.50	L15	2.21
50	T50	2.50	L50	2.21
200	T200	2.50	L200	2.21
250	T250	2.50	L250	2.21
500	T500	2.50	L500	2.21
2000	T2000	2.50	L2000	2.21



IRC TAPERS

- A - Linear.
- B - Semi-logarithmic, tone or audio control.
- C - Audio control or antenna shunt.
- D - Grid bias and antenna circuit.
- E - Use in cathode circuit to control grid bias.
- F - Grid bias & antenna. Used where control changes grid bias of 1 or 2 tubes.
- G - Gradual change from left terminal. Audio or antenna.
- H - Audio level control for automatic bass compensation.



IRC RESISTOR COLOR CODE CHART

When 4th Band on Resistor is Gold Tolerance is + 5%.
When 4th Band on Resistor is Silver Tolerance is + 10%.
When no 4th Band no color Tolerance is + 20%.

Hookup

BELDEN



25 ft. rolls. Colors: Black, Blue, Green, Red, Yellow & White. Lacquer coated cellulose cover.

No. 8945 Solid #18 Net \$.36
No. 8947 Stranded #18 .35

BIHNBACH



100 ft. spools, solid & stranded. Push back high dielectric strength. Color: Black, Red, Blue, Yellow, Green & White

No. 382 Solid Net \$ 1.47
No. 383 Stranded 1.65

BELDEN SHIELDED HOOK-UP WIRE



No. 8885 #20 stranded. Net per ft. \$.03
Net per 100 ft. 2.25

BUS BAR WIRE



Solid tinned two ft. lengths.

Number	Size	Net Ea.
2010	#10	\$.05
2013	#12	.04
2015	#14	.03

KINKLESS TEST LEAD WIRE



Extremely flexible, 18 gauge stranded rubber wall .045. Colors: Red & Black.

No. 67 Net per ft. \$.03
Net per 100 ft. 2.70

G-C TEST PROD WIRE

Packaged, two 50" lengths: one red, one black.

No. 5049 Net \$.30

COMMUNICATION SYSTEM CABLE

ALPHA

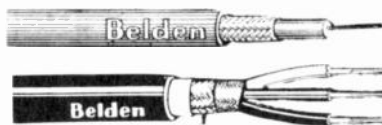


For interior use with all types of intercoms. Each conductor #22 solid tinned. Paraffined & color coated, twisted

Number	No. of Pairs	Net per ft.
1276	6	\$.15
1277	10	.19
1277/24	24	.42

Wire and Cables Microphone

BELDEN



Polyethylene insulation with vinyl plastic jacket. Low capacitance & high insulation resistance. Shielded.

Single Conductor

No. 8401 Net per ft. \$.055
Net per 100 ft. 4.75

Extremely small lapel mike style.

No. 8411 Net per ft. \$.04
Net per 100 ft. 3.37

Two Conductor

No. 8422 Net per ft. \$.07
Net per 100 ft. 5.75

Three Conductor

No. 8423 Net per ft. \$.08
Net per 100 ft. 7.12

Four Conductor

No. 8424 Net per ft. \$.09
Net per 100 ft. 8.60

Five Conductor

No. 8425 Net per ft. \$.11
Net per 100 ft. 10.37

Six Conductor

No. 8426 Net per ft. \$.13
Net per 100 ft. 12.24

Seven Conductor

No. 8427 Net per ft. \$.14
Net per 100 ft. 13.44

Cotton braided extension cable



Three Conductor

No. 8443 Net per ft. \$.03
Net per 100 ft. 2.60

Four Conductor

No. 8444 Net per ft. \$.035
Net per 100 ft. 3.21

Five Conductor

No. 8445 Net per ft. \$.04
Net per 100 ft. 3.72

Six Conductor

No. 8446 Net per ft. \$.07
Net per 100 ft. 5.47

Seven Conductor

No. 8447 Net per ft. \$.08
Net per 100 ft. 6.69

Eight Conductor

No. 8448 Net per ft. \$.09
Net per 100 ft. 7.72

Nine Conductor

No. 8449 Net per ft. \$.11
Net per 100 ft. 8.83

Shielded cable

Lenz



#18 gauge stranded conductor, tinned copper, plastic insulation; shield over all.

Two Conductor

No. 1120 Net per ft. \$.06
Net per 100 ft. 4.85

Three Conductor

No. 1122 Net per ft. \$.07
Net per 100 ft. 5.37

Four Conductor

No. 1124 Net per ft. \$.09
Net per 100 ft. 6.98

Five Conductor

No. 1126 Net per ft. \$.10
Net per 100 ft. 8.24

Six Conductor

No. 1128 Net per ft. \$.12
Net per 100 ft. 9.35

Seven Conductor

No. 1129 Net per ft. \$.13
Net per 100 ft. 10.58

FIXTURE WIRE



Twisted Green Lamp Cord.

No. 6717 Net per ft. \$.04
Net per 100 ft. 3.75

Magnet

SPECIAL SPOOLS



Approx. Length

Size	Plain Enamel	Double Cotton	Double Silk	Net per spool
10	11 ft.			\$.35
12	15	9 ft.		.35
14	26		11 ft.	.35
16	34	34	19	.35
18	56	44	23	.35
20	86	56	29	.35
22	112	75	37	.35
24	184	97	56	.35
26	244	116	71	.35
28	401	131	90	.35
30	525	158	112	.35
32	675	180	124	.35
34	900	195	131	.35
36	1275	206	142	.35
38	1725	240	116	.35
40	1950	265	125	.35