

# Amateurs! LOOK AT THESE VALUES!

## THESE HARD TO GET ITEMS READY FOR IMMEDIATE DELIVERY

**6 Mfd. 600 volts Oil Filled Condenser**  
Fully impregnated and sealed in aluminum can with insulated contacts. Size:  $5\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ " **89¢**  
SB3209—Your Cost

**3 Mfd. 4000 Volt Hi-Voltage Condenser**  
Large 3 mfd., 4000 v. DC. condenser, hermetically sealed in an aluminum can. Size  $4\frac{1}{2} \times 3\frac{1}{4} \times 7\frac{3}{4}$ " high. Nut, bolt and lock washer type terminals are mounted in two  $\frac{1}{4}$ " porcelain stand-off insulators on  $2\frac{1}{16}$ " centers. This condenser is suitable for many high voltage circuit applications such as in television, cathode ray tube circuits, or high voltage filter or rectifier circuits. **4.95**  
SB3168—Your Cost

**3 Mfd. 3000 V. Oil-filled Capacitor**  
Oil impregnated and filled—permitting efficient operation over widest range of temperature. Hermetically sealed case unaffected by time, humidity or operating temperatures. High-glaze porcelain insulators. Non-corrosive and lacquer finished lead coated steel case. Conservatively rated. 3 Mfd. 3000 V.D.C. Dimensions:  $6 \times 3\frac{3}{4} \times 4\frac{1}{2}$ ". Shpg. wt. 6 lbs. **4.65**  
C3133—Your Cost

**2 Mfd. 600 Volt Condenser**  
Oil impregnated and filled Xmitting condenser, high voltage filter type. Features small size, lower power factor, lower R.F. resistance, high voltage breakdown, minimum leakage, and high insulation resistance. (8000 megohms per mfd.) Hermetically sealed in a sturdy, lead plated steel container which is aluminum painted, this capacitor is not affected by moisture time or temperature up to 93° C. Two screw spade lugs are provided on glazed porcelain or bakelite terminal insulators. Dimensions:  $2\frac{3}{8} \times 1\frac{3}{16} \times 1\frac{1}{16}$ ". 2 mfd., 600 V. D. C. Working. **1.29**  
SB3014—Your Cost

**.5 Mfd. 2000 Volt Paper Condenser**  
Hi-voltage condenser mounted in rectangular metal container. Both connections brought out to stand-off insulators for flash protection. 8/32 nut terminals with lugs, for upright or inverted mounting. Overall size:  $3\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{16}$ ". **98¢**  
SB2970—Your Cost

**.25 Mfd. 1000 Volt Condenser**  
A light-weight dependable unit furnished with mounting bracket. Oil-filled and impregnated. Porcelain stand-off insulators fitted with locknuts and soldering lugs. Overall size:  $3 \times 1\frac{1}{4} \times 1$ ". **59¢**  
C2316—Your Cost Each

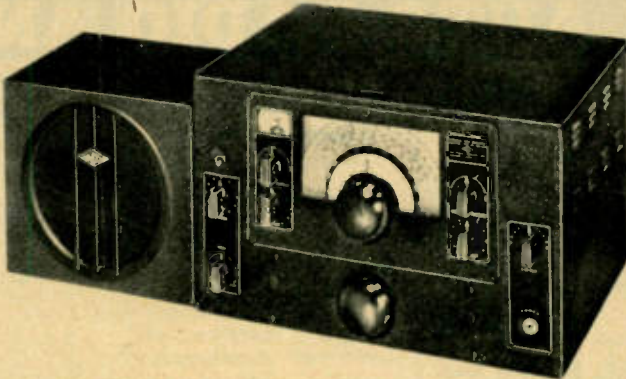
**.25 Mfd. 2500 Volt D.C. Paper Condenser**  
Ideal for cathode ray circuits and transmitters. Grounded aluminum shield can with one piece immersion-proof bakelite pillar insulator which provides maximum hi-voltage spacing. Can be mounted upright or inverted. Overall size:  $4\frac{1}{2} \times 1\frac{3}{8}$ ". Less mounting ring. **95¢**  
SB2969—Your Cost

**Drawn Metal Oil Filled Capacitors**  
1 mfd. drawn metal capacitors fitted with two soldering studs. Soldered bottom plate, hermetically sealed. This capacitor is equipped to undergo severe operating conditions such as may be encountered in military, air craft, police, Bdcast, P.A. and other types of communications equipment. For filter or by-pass components. 1 mfd. 600 V. DC. Size:  $1\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". **39¢**  
SB3057—Your Cost  
Same as above except: 1.0 mfd. 400 V. DC. Size:  $1\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{2}$ ". **29¢**  
SB3009—Your Cost

**.002 Mfd. 1250 Volt Condenser**  
.002 mfd. 1250 Volt D.C. mica low loss capacitor. Lug terminals. **23¢**  
SB3190—Your Cost

## Exceptional Value! NATIONAL NC-100 ASD Receiver

- ★Adaptable for Broadcast Band Reception—Instructions Furnished FREE
- ★Includes two extra sets of tubes. Kit of 60 replacement parts.
- ★Real S-Meter Calibrated in DB.



Here you are, "hams!" Don't miss this "call" for a real bargain! Ten tubes, table mounting superheterodyne, at a fraction of the former cost. Covers a continuous frequency range of from 200-400 kc. and 1,300 to 30,000 kc. in 5 working bands. Check some of these features. Full tone control, standby switch, AF and RF gain control, and separate oscillator tube for frequency stability. New mechanical vernier tuning dial makes selection a pleasure. Direct reading to one part in one thousand. Consists of one stage of RF amplification, first detector (or mixer). High frequency oscillator, two stages of intermediate amplification operating at 456 KC, an "infinite impedance" diode detector, a noise peak limiter and two resistance coupled audio stages. Has an amplified and delayed A.V.C. system, and a CW oscillator for beat note reception of CW signals. Built in power supply designed for operation from 115 volt, 50/60

cycle AC. Headphone jack on front panel has new convenience feature. Insertion of phone plug automatically opens loud speaker circuit. Finished in black wrinkle with 8" PM speaker in separate cabinet  $10\frac{1}{4} \times 10\frac{1}{4} \times 7\frac{1}{4}$ ". Receiver dimensions  $17\frac{1}{4} \times 10\frac{1}{4} \times 11\frac{1}{4}$ " deep. Unit comes complete with speaker, tubes, meter, adaptor kit, 20 extra tubes (2 sets) used in the Model 100, and a complete set of parts for replacement purposes. They include transformers, resistors, capacitors, fuses, chokes, etc. Extra parts and tubes alone worth over \$40. A terrific receiver and a tremendous value! **129.00**  
C21003—Your Cost

## PANADAPTOR—Priceless for Band Coverage—the Eye of Your Rig

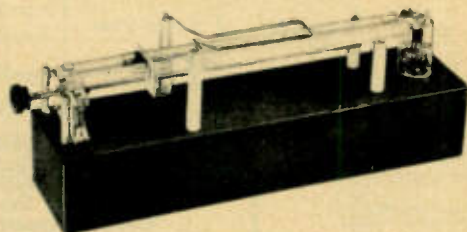
- ★Spot Replies to your CQ's
- ★Avoid QRM



"Blind" operation is now a thing of the past—as outdated as the kerosene lamp for illuminating your home. It lets you see holes in busy bands and the signal characteristics of your own and other stations. Shows you 200 kc of any band instantly—helps you locate your sked and avoid annoying QRM. Locates stations whose exact frequencies are not known. Provides instantaneous signal strength ("S") meter for CW and Phone. Assists in making adjustments of transmitters and antennas. Indicates modulation %, frequency deviation, FM, audio distortion of carrier, carrier shift and splatter, spurious parasitics, carrier hum level, key clicks, noise and frequency drift. Tested by numerous war-time uses successfully. Easy simple connections to all receivers with any IF from 450 kc to 470 kc. Six types of operation: Panoramic—visual aural, visual-aural (automatic monitor). Tunable Unisignal—visual (modulation, signal check, etc.), aural (additional receiver), visual-aural. Contains four simple operating controls and does not affect the normal operation of

your receiver. Clear sharp panoramic picture in normally lighted room. Comes in sturdy steel cabinet to match your rig, with high quality components assuring long, trouble-free, life. Overall dimensions: 11" wide x 9 $\frac{3}{8}$ " deep x 6 $\frac{3}{16}$ " high. Complete with operating instructions, tubes and connecting leads. **99.75**  
C21000—Your Cost

## HY-Q 75 Transmitter Kit — A High Frequency Linear Oscillator

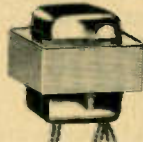


Like most amateurs you may prefer to "roll your own." If your leisure time is limited, however, you will welcome the assembled product. Long hours of engineering have ironed out the "bugs"—have assured easily reproducible maximum efficiency on 1 $\frac{1}{4}$  and 2 meters. Fancy "plumbing" and tricky parts are prefabricated. With screwdriver, pliers and soldering iron, you can quickly put this

efficient linear oscillator on the air. No cut and try chart assures quick location of amateur bands. Micrometric tuning (135 mc to 250 mc) by adjustable lead screw. Silver plated tank circuit means permanently low RF losses. Precision-machined shorting bar with multifingered silver-plated contacts for low resistance. Contains special RF chokes and low-loss insulators with extremely long leakage paths. Quick band changing from 1 $\frac{1}{4}$  to 2 meters by adjusting the positions of the shorting bar and coupling loop. Useful power to load at 144 mc is 14 Watts on c-w; 11 watts on phone. Pictorial wiring diagram and easy-to-understand instruction manual are included with each kit. **11.95**  
C21001—Your Cost (Assembled)  
C21002—Your Cost (Kit) **9.95**  
HY 75 tube (not included in either above) **31.95**

## Plate Power Transformers

Power transformers, fully shielded, with heavy, color coded leads. All primaries, 117 120 volt, 60 cycle.  $4\frac{1}{2}$ " long,  $3\frac{3}{4}$ " wide, by  $3\frac{3}{4}$ " high. 850 volt C.T. at 200 M.A. Primary: Red, Start, Red and black, 117 volt tap. Brown and black, 120 volt tap. Secondary: Brown, High Voltage. Brown and Yellow, High voltage center tap. Brown, high voltage. Mtg. Ctrs.  $3 \times 3\frac{3}{4}$ ". **4.95**  
SB5065—Your Cost



Same as above, except 850 volts C.T. at 250 M.A. 2 Primaries 117 120 V. 60 Cycle. Primary No. 1: Red, start 117 volts. Red and Black, 117 volt tap. Brown and Black 120 volt tap. Primary No. 2: Yellow, Start. Red and Yellow, 117 volt tap. Black and Yellow 120 volt start tap. Secondary: Brown, high voltage. Brown and Yellow, high voltage center tap. Brown, high voltage. Can be wired in series for 220 volt operation. Dimensions  $4\frac{1}{2}$ " long,  $3\frac{3}{4}$ " wide,  $4\frac{1}{8}$ " high. Mtg. Ctrs.  $3 \times 3\frac{3}{4}$ ". **4.95**  
SB5066—Your Cost

## CHAMPION Code Key



Heavy black wrinkle cast base,  $\frac{3}{16}$ " aligned contacts and chrome-plated key arm, with a minimum of adjustments necessary. A professional key—ideal for the beginner. Connecting wires are hidden making a neat compact unit. **1.39**  
C14068—Your Cost

## 20-OHM, 25-Watt Power Rheostat



An all-metal unit with a die-cast aluminum case. Heat is uniformly distributed throughout the element regardless of percentage of element actually used. Screwdriver-type adjustment. Dissipates heat rapidly.  $1\frac{1}{2}$ " diameter. **1.39**  
Your Cost Each

## PR Crystals

Temp. coefficient less than 2 cycles mc/degree C., with accuracy of calibration within 1%. Mounts in octal socket and furnished within plus/minus 5 KC of frequency ordered. The 10 meter crystal can really "take it" and "put out." Has heavy drive without crystal damage.

Stock No.	Type	Frequency Range	Price
C13860	Z2	3.5 to 4.0 MC	\$2.65
C13861	Z3	7.0 to 7.5 MC	2.65
C13862	Z4	14.0 to 14.8 MC	3.50
C13863	Z5	28.0 to 30.0 MC	5.00

## Crystal Holder Adaptor



Prongs spaced to fit old type mountings (5 prong) and top designed to receive new crystal holders which have octal spacing. Made of plastic with copper contacts and prongs. **35¢**  
C8054—Only

## CONDENSERS, CRYSTALS, CHOKES, KEYS, CODE PRACTICE SETS

**50 MMFD Variable Condenser**  
Type 50F-20. Maximum capacity 50 mmfd., minimum 5 mmfd. 9 plates, .050" spacing. Isolantite insulation,  $\frac{1}{8}$ " shaft. Overall size,  $2\frac{1}{2} \times 2 \times 2\frac{1}{8}$ ". **1.65**  
SB3504—Your Cost

**2.8 MMFD DUAL CONDENSER**  
Maximum capacity per section, 2.8 mmfd., minimum, .2 mmfd. Mycalex coupling between sections, isolantite end plates. Each section two plates, .10" spacing, with rounded corners. Low-loss bakelite base with two holes for base mtg. can be removed and each section used as separate condenser if desired.  $\frac{1}{8}$ " threaded stud projects from back of each section,  $\frac{1}{8}$ " shaft. Overall size,  $1\frac{1}{16} \times 1\frac{1}{16} \times 4$ ". **95¢**  
SB3503—Your Cost

**2 MFD 1500 Volt Condenser**  
Transmitting filter type, oil filled and oil impregnated. Housed in aluminum can— $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{16}$ ", with  $\frac{3}{4}$ " terminal extension. Hermetically sealed, conservatively rated. High glaze brown porcelain insulators mounted on rubber cushions—complete with hardware. An excellent value at this low price. **1.95**  
SB3552—Your Cost

**TOBE Plug-In Capacitor Type PT-SC-11**  
Filtermite. Passes all required Army and Navy immersion tests. Low power factor. Capacity: 8-8 mfd. Resistance: 2000 megohms per mfd. Voltage: 600 volts DC working. Tested at 1800 volts DC.  $2\frac{3}{8} \times 2\frac{3}{8} \times 3\frac{3}{8}$ ". 2 lbs. **2.95**  
C2330—4 prong. Each

**8 mfd. 600 Volt D.C. Oil Filled Paper Condenser**  
Heavy duty condenser suitable for transmitters and P. A. equipment. Mounted in aluminum can with both connections brought out to Hi-voltage terminals on bottom of can. Can be mounted upright or inverted. Overall size:  $4\frac{1}{4} \times 2$ " dia. Complete with mounting ring. **1.95**  
SB3204—Your Cost

**4 Mfd. 400 Volt Can Type Paper Condenser**  
4 mfd., 400 volt paper condenser, mounted in an aluminum can, and is similar in appearance to electrolytic condensers, and will make a good replacement for electrolytics. Both terminals are brought out to lugs on a fibre plate that hermetically seals the open end of the drawn metal can. May be mounted upright or inverted. Overall size,  $4\frac{1}{4} \times 1\frac{1}{4}$ ". Less mtg. ring. **79¢**  
SB3162—Your Cost

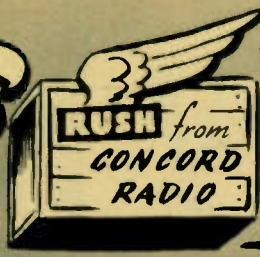
**50 mmfd. 3000 Volt Low-Loss Capacitor**  
.00005 mfd. 3000 volts D.C. Mica low loss capacitor. Screw terminals. Overall size:  $2 \times 2\frac{3}{4}$ ". Especially suited for transmitters. **95¢**  
SB3186—Your Cost

**Reliance R.F. Chokes**  
Four pie wound sections on Isolantite form. 2.5 mh., 150 ma. 50 ohms d.c. resistance distributed cap. 1 mmfd. **15¢**  
C10106—Each  
C10107—Same but heavily impregnated. Each **19¢**  
C10109—2.1 mh., 250 ma. heavy duty choke. Each **23¢**

**ICA Deluxe Signa-tone**  
★Code Practice Set ★Keying Monitor  
A perfected Audio Oscillator, having 3 different output frequencies and a continuously variable volume control. A number of phones and keys may be connected for class room or radio club instruction. Will follow the "bug" at all speeds. The Audio notes are similar to those of high quality commercial CW stations.  $7\frac{1}{2}$ " W.,  $4\frac{1}{2}$ " H., 4" D. Shpg. wt. 4 lbs. Complete with tube and self-contained speaker, for 110 V. AC-DC. **11.76**  
C14086—Your Cost, Each



# TREMENDOUS SAVINGS!



# Immediate Delivery!

### Snap-Out Whip Antenna

Eight tapered sections, 125" fully extended and only 17" collapsed. Powerful spring housed in the base holds brass tubing sections firmly in place with the aid of a braided wire cable extending through the entire length of the antenna. Base has 3/4" long threaded rod for mounting purposes. Takes only 2 seconds to extend or collapse. Finished in olive drab.

**SB9538—Your Cost \$1.39**

### Antenna Loops

Ideal for battery and midjet sets or portables. Replaces antenna coil; gives satisfactory pickup and excellent selectivity. Inductance slightly higher than necessary, permitting removal of turns for adjustment. 4 1/2 x 8"

**C16450—Your Cost 48¢**  
Lots of 10 \$3.95

### AERIAL WIRE

Quantity Limited—Buy Now  
Contains 7 strands of wire, 4 made of copper—3 of monel. Comes in 100 foot coils. An excellent value.

**SB5133—Your Cost Only 29c Each**  
Lots of 10 Only 27c Each

### CORD SET

Two conductors—5 1/2 ft. in length. Each conductor consists of 16 strands of #28 copper wire—covered by cotton serve with 1/32" of rubber. Both conductors covered with heavy duty overall rubber with insulating packing between conductors. Phone tips on both ends of each conductor. Overall O.D. approx. 3/8"

**SB6524—29¢**

### Copper Shielding

Flexible tinned copper shielding that slides over cables and bunched conductors. Heavily tinned to prevent corrosion.

Stock No.	In. Dia.	Per 100 Ft.	Per 100 Ft.
C16233	1/8"	2c	\$1.90
C16238	3/8"	4 1/2c	\$4.03

### Carbon Resistor

\* Extremely Small  
50 ohms—1/2 watt with a 5% tolerance factor. Size: 1/8" x 1/4"

**SB128—Each 3¢**

### INSULATED WIREWOUND RESISTORS

Completely enclosed in bakelite and capable of withstanding high temperatures. Will carry up to five watts if mounted flat to chassis by means of detachable heat-dissipating metal mtg. bracket or 2 1/2" watts if suspended in open air. May be mounted anywhere without danger to units from heat or grounding.

C4379—25 ohms, with bracket	C4380—65 ohms, with bracket
C4381—105 ohms, CT. with bracket	C4382—Two sections, 15.75 and 35 ohms, insulated from each other. Less bracket

**Your Cost 12¢ ea.**

### 2 WATT INSULATED RESISTOR

Compact in size general all purpose resistors with a composition element sheathed in an overall covering of insulating material. Has pig-tail wire leads—RMA color coded. Tolerance plus/minus 10%

SB126—20,000 ohms.	SB127—75,000 ohms. Each
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**10¢**

## Reliance "UNIVERSAL TYPE" AUTO RADIO ANTENNAS

### 2-Section 52-inch Underhood Type

Will not mar car body  
Easy to mount telescopic underhood antenna for use on all automobiles with any type radio. Made of Admiralty brass, triple chrome plated. Rattleproof construction. Complete with 2 universal mtg. brackets, insulated lead-in and bayonet adapter.

**C22004—Each \$2.19**  
**C22005—3 Section 66 inch Complete as above. Each \$2.62**

### Top Cowl Mounting Type 3-Section, 56-inch

Mounts securely on all car cowls, regardless of contour. Triple Chrome finish, sturdy rattleproof construction. Equipped with 36-inch moisture-proof lead-in and bayonet adapter. This antenna is easy to install and will provide perfect noise-free reception.

**C22003—Your Cost \$2.98**

### Cowl or Fender Mount Adjustenna

3 section, 65-inch A truly universal type antenna, easy to install. Heavy Chrome finish, sturdy rust-proof construction. Has wonderful pickup with minimum noise. Equipped with 36-inch moisture-proof lead-in and bayonet adapter for lead. Ideal item to sell for use on any type car and to conform to any body design.

**C22002—Your Cost \$2.62**

### 3-Section, 66-inch Side Cowl Mount

2 stanchion universal mounting. Has rustproof triple chrome plated finish sturdy rattle-proof construction, and streamlined insulators. Equipped with 36" moisture-proof lead-in. Also includes conversion kit for streamlined bodies and bayonet adapter for lead. A real buy.

**C22000—Your Cost \$2.13 Each**  
**100 Inch Side Cowl Mount**  
Same as above but 100 inch, 4 section.  
**C22001—Your Cost \$3.23 Each**

### Two-Section Antenna \* Goose Neck Type

Overall size 34". Made of 2 brass sections with an extended length of 24" mounted on a 7" flexible base which permits adjustment to any angle desired. Collapsed—measures only 17". Threaded mounting rod extends 1/4" below base. Connection provided for grounding. Finished in olive drab.

**SB9539—Your Cost 59¢**

### Vertical Home Antenna

Eliminates unsightly and dangerous horizontal wires. Insures clear, practically noise-free reception. Sturdily constructed and much easier to install than other types of antennas. Complete outfit includes a special 12-foot 4-section antenna mast of rust-proof flexible steel, 40 ft. of lead-in wire, 10 ft. of ground wire, lightning arrester, insulators, screws, two pipe straps, one strap mounting assembly, instructions for installation and use. Shpg. wt. 4 lbs.

**C21824—Your Cost \$4.09**

### Vertical Antennas

Copper tubing, olive drab painted, three section vertical antennas, each section 4 feet long with threads to screw into next section. Total length approx. 12 ft. when assembled. Tapered along complete length from 3/4" dia. to 1/4" dia. Suitable for various antenna applications.

**SB9512—Your Cost \$1.98**

### Ground Rod

Made of heavy steel 16" long and 3/4" in dia. Has pointed end for easy driving.

**SB7099—Your Cost 19c**

### Generator Condensers

Standard auto. radio condensers designed to eliminate generator noise. Fully shielded. Dirt and oil proof.

No.	Mfd.	Each	10 For
C14230	2(A)	7c	63c
C14216	1.0(B)	28c	2.52

### Dome Light Filter

Eliminates the noise in dome light wiring. Has condenser-choke.

**C14208—10 for \$2.43**  
**Your Cost Each 27¢**

### AUTO RADIO REMOTE CONTROL KIT

Consists of Remote Control head station selector switch, Bass, Music and Speech switches, pilot light and fitting for manual tuning dial, 18" connector cable and plug for connection to radio, 20:1 ratio Crowe tuning unit assembly for manual tuning and volume control fitting. No manual tuning cables furnished. Provides automatic selection of 5 stations by repeated operation of station selector switch which also causes pilot light to illuminate indicator of station selected 6—No. 51 6.8 volt pilot lights are included in assembly. Can be used with certain Motorola auto radio models or can be adapted to many other types of remote control operations in conjunction with a stepping relay and permeability tuned unit.

**SB6514—Your Cost \$1.95**

### Dynamotors

A sturdy compactly constructed dynamotor completely enclosed in black wrinkle finish case. Input 12 volts D. C. at 2.4 amps. Output 220 volts at 60 ma. R.P.M. 5400, designed for continuous duty. Case 4 1/2" long, 1 1/4" diameter. Two mtg. holes on 1 1/4" centers.

**SB9509—Your Cost \$5.95**

### Copper Wire

No. 20 stranded, tinned wire with rayon-vinyl insulation. Fiber glass outer covering. Extremely flexible. Unlimited uses.

**SB5132 100 ft. coils 59c** Lots of 10 55c ea.

### CARBON RESISTORS

#### 2 Watt Uninsulated Carbon Resistors

Standard 2 watt carbon resistors with radial leads. All are standard RMA color coded. Available only in the sizes listed below.

200, 8200, 3 meg.

**C4417—Specify resistance when ordering. Your Cost Each 6¢**  
100 for \$5.40

#### 1 Watt Uninsulated Carbon Resistors

Standard 1 watt carbon resistors with radial leads. All are standard RMA color coded. Available only in the sizes listed below.

3000, 60000

**Specify resistance when ordering. C4416—Your Cost Each 3¢**  
100 for \$2.40

#### 1 Watt Resistors

We have only limited quantities of these wire wound resistors and advise early ordering. One watt high quality units with wire-wound element. Completely insulated. Available only in the sizes below.

Ohms	Ohms	Ohms
150	270M	2.2 Meg.
180	470M	5.6 Meg.
1000		10 Meg.
		15 Meg.

**Specify resistance. C4427—Your Cost Each 5¢**  
10 for 45c

#### 1/2 Watt Uninsulated Carbon Resistors

Small size 1/2 watt carbon resistors with axial leads. Although they measure only 1/8" x 3/16", these conservatively rated resistors are constructed so that the heat is dissipated in the leads. All standard RMA color coded. Available in the following sizes:

Ohms	Ohms	Ohms
7,500	47,000	560,000
22,000	68,000	2 meg.
	470,000	2.2 meg.
		4.7 meg.
		10 meg.

**C4415—Specify resistance when ordering. Each 3¢**  
100 for \$2.40

#### 1/3 Watt Carbon Resistors

R. M. A. color coded for easy identification. Of fine material and workmanship. Specify resistance.

Ohms	Ohms	Ohms
150	270M	2.2 Meg.
180	470M	5.6 Meg.
1000		10 Meg.
		15 Meg.

**Specify resistance. C4437—Your Cost Each 2¢**  
Per Hundred \$1.80

### 20-W Vitreous Resistors

Non-porous, dissipates heat rapidly. Pigtail wire leads. 2" x 1/2". Each marked with resistance value.

Ohms	Ohms	Ohms
1	10	850
3	19	7000
4	700	7500
5		

**C4434—Your Cost Each 21¢**

#### Molded Wire Wound Resistors

Insulated wirewound resistors rated at 1 watt. Resistance element wound on ceramic form and molded in phenolic compound. 10% accuracy. All are standard RMA color coded. Available only in the sizes listed below.

300	400
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**C4426—Specify resistance when ordering. 10 for 63c Each 7¢**

#### IRC Wire Wound Power Resistors

Machine wound on non-hygroscopic cores; cement coating. 10 watts. State ohmage when ordering.

10 ohm	100 ohm
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Accuracy 5%  
**C5210—Your Cost 26¢**

### INSULATED CARBON RESISTORS

#### CENTRALAB Insulated Carbon Resistors

Type 310—1/2 watt carbon resistors with resistance element sealed in a dense shock proof ceramic tube. Ends are pure copper to dissipate heat and insure adequate connection to resistor element. Radial leads. All are RMA color coded. Available only in sizes listed below.

Ohms	Ohms	Ohms	Ohms
10	800	20,000	1 meg.
30	10,000	500,000	2 meg.
100			3 meg.
175			10 meg.
			15 meg.

**Specify resistance. C4420—Your Cost Each 4¢**  
100 for \$2.88

Type 314. Same as above but rated at 1 watt. Available only in the ohmage listed below.

8,000	12,000
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**C4421—Specify resistance when ordering. Your Cost Each 5¢**  
100 for \$3.60

#### 1/2 Watt Insulated Carbon Resistors

Standard 1/2 watt insulated carbon resistors. All are standard RMA color coded. Available only in the sizes listed.

Ohms	Ohms	Ohms	Ohms
75	33,000	65,000	300,000
150	35,000	100,000	4 meg.
350	50,000		10 meg.
600			
2700			
3300			

**C4418—Specify size when ordering. Your Cost Each 4¢**  
100 for \$2.88

#### IRC BT Insulated Resistors

Type BT employ metallized element sheathed in an overall covering of moisture proof phenolic compound. Non-inductive. Have wire leads. Tolerance 10%. 1" x 1/4".

**C5207—1-Watt—BT-1. 35,000 ohms. Your Cost Each 10¢**  
**C5263—2-Watt—BT-2. 1 1/4" x 3/16". 30,000 ohms. Each 15¢**

#### 1 Watt Insulated Resistors

Standard 1 watt insulated resistors. All are standard RMA color coded. Available only in sizes listed below.

Ohms	Ohms	Ohms
20	2,000	15 Meg.
68		


**C4419—Specify size when ordering. Your Cost Each 5¢**  
100 for \$3.60

To Speed Handling of YOUR Order -- Use Our Order Blank



# STOCK UP NOW AT THESE LOW PRICES!


### STURDY CANVAS CASE



Extra heavy canvas, double sewed; with reinforced corners and edges. Bottom heavily padded, with leather corners. Inside dimensions, 9"x10"x13" deep. Separate compartment in top of cover. Straps and buckles keep bag tightly closed. Loops provided on sides of case for shoulder carrying strap. Strap not supplied.

**5B9500—Your Cost** ..... **95¢**

### Rubber Grommets



Insulates holes in 1/4" metal panels, electrical appliances, etc.

**C14766—Fits hole 3/16". Inside diam. 3/16". Per 100** ..... **65c**

**Per doz.** ..... **16¢**

### TWIN RELAY ASSEMBLY



Two separate relays mounted on one bracket. Each has same specifications as follows: Can be wired as a 4-Pole Double Throw switch if desired, also they are actually 4-pole-make 4-pole-break switches. The contact springs are of nickel silver, assuring long life without fatigue. All steel parts are cadmium plated. Both coils thoroughly impregnated for humidity proof service. Finest bakelite insulation. They may be used separately by unscrewing from mounting bracket D.C. res. approx. 100 ohms (both coils). They operate between 4 and 8 volts at approx. 80 ma. Overall size approx. 3 1/2" x 2 1/8" x 3 1/4".

**5B4110—Your Cost** ..... **\$2.95**


Single relay from above assembly

**5B4109—Your Cost** ..... **\$1.95**

Twin relay as above except size approx. 2 1/4" x 3 1/8" x 1 1/4" not including mtg. bracket, which extends down 1 1/8".

**5B4108—Your Cost** ..... **\$2.95**

### VACUUM RELAY



S.P.D.T. action. Contacts 0.15 spacing will carry 1.5 amps. at 5 kilovolts D.C. and will handle an R.F. potential of 20 kilovolts. Will carry greater currents at lower voltages. Core is energized with external solenoid which can be designed to operate at voltage desired. Requires very slight movement of armature to make and break contact. This excellent precision relay is free from the drawbacks of exposed electrical contacts, minimum spark of arc, which can be further reduced by a shunting condenser. All parts are free from corrosion, pitting, flashing, and sticking. This type of relay is becoming very popular with hams, experimenters and laboratories. Excellent for HF and VHF. Can be operated in any position. T shaped glass enclosure, vacuum sealed. Less solenoid. Overall size: 4 3/4" by 4 1/4".

**5B3999—Your Cost** ..... **\$2.49**

**Solenoid for Above Relay**

For 24 volts d.c. operation. 60 ohms d.c. resistance. Overall size: 5 1/4" by 1 3/4" by 1 3/4".

**5B3998—Your Cost** ..... **79¢**

### STEPPING RELAYS



Four circuit 25 position stepping switch with automatic recycling. Actuating solenoid operates on 12 volts DC, with resistance of 9.4 ohms. Separate set of SPST contacts, normally closed, are opened each time solenoid is actuated. Numbered drum on rotor shaft indicates position of rotary contacts. Positive in action and fully adjustable.

Overall size, 6 1/2" x 4 2/3" x 1 1/4".

**5B4000—Your Cost** ..... **\$14.95**

Similar to above, but two circuit 50 position stepping switch.

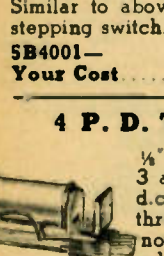
**5B4001—Your Cost** ..... **\$14.95**

**4 P. D. T. 24 VOLT RELAY**

1/4" pure silver contacts rated at 3 amps. 110 volts a.c. 250 ohms d.c. coil for 24 volt operation. 6-32 threaded mounting holes on 1 1/4" nounting centers. Overall size: 2" x 1 1/4" x 1 1/4".

**5B3996—Your Cost** ..... **59¢**

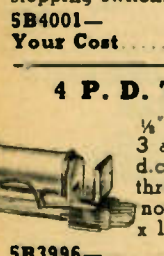
### PAPER BY-PASS CONDENSERS



Nationally known, standard make Fully wax impregnated. All with pigtail wire leads.

No.	Cap.	Volts	Each
C3089	.0005	400	5c
C3092	.005	400	8c
C3512	.001	600	4c
C3504	.001	400	5c
C3505	.006	400	5c
C3513	.004	600	5c
C3247	.05-.05	200	5c


### 205-400 Volt Metal Cased Tubular



Hermetically sealed condenser, oil impregnated. Very small—only 7/16" diam. x 1" with pigtail leads.

**C2182—Your Cost Each** ..... **14¢**


### Low Voltage Electrolytic Cond.



Alum. can. 4 section. 2—100 mfd. 1—50 mfd. 1—20 mfd. at 50 volts working. Can common. Lug mtg. 1 1/4" dia. x 3" high.

**5B3053—Your Cost** ..... **39¢**


### Now Available RADIO TUBES!



The following R.C.A., Concord, etc., transmitting, receiving, tubes are now in stock. Here is your chance to stock up now on these hard-to-get items at these exceptionally low prices! We advise you to order early while the supply is still on hand.

RECEIVING		TRANSMITTING	
Type	Your Cost	Type	Your Cost
OD3/VR150	5.65	HK24G	51.69
3A4	.69		
6AE5	.65	832A	7.95
6B4G	.75	954	.63
6F8G	.54	955	.63
6SD7GT	.54		
6SH7GT	.70	956	.63
6SN7GT	.49		
6Y6G	.85	9003	1.95


### Renewable FUSES



Und. Lab. inspected ferrule-type fuses with renewable links. Designed for laboratory and industrial applications. To replace blown drop-out links: unscrew threaded end-piece, pull out the old link, insert new link, and screw end-piece in place again. For 250V. circuits. 2" L. Wt. 3 oz.

**C12375—3 Amps.** ..... **19¢**  
**C12376—6 Amps.** ..... **19¢**


### Foreign Plug Adapter



One end of the receptacle designed for standard American plug; other end has round type contacts to plug into foreign type socket. Made of black plastic.

**C13300—Each** ..... **17¢**


### 220 Volt to 110 Volt Line Cord Resistor



American cord equipped with standard male plug and female receptacle; European or Standard Plug type resistor cord has foreign plug and standard receptacle. Indispensable to servicemen abroad. Can be used on shavers, handblowers, small radios (up to 7 tubes) and small appliances.

**C5243—Standard C5244—Foreign.** ..... **82¢**

### Live Rubber Mounts




Excellent live rubber mounts for floating gang condensers, sockets, and record changers to prevent microphonics. Size 3/16" x 5/16".

**C14798—Per Doz.** ..... **10¢**  
 Per 100 ..... **60c**

## CONDENSERS


### MICA CONDENSERS



Moulded bakelite mica capacitors. All individually tested for accuracy of capacity, voltage breakdown and leakage. All rated at 500 Volts DC working 1000 Volts test excepting Stock Nos. C3375 and C3385 which are 300 D.C. working volts, 600 V test.

Type	Capacity	Voltage	Type	Price
C3571	.000002	500	0	6¢
C3397	.0000047	500	0	
C3485	.000025	500	0	
C3430	.000027	500	0	
C3572	.000035	500	0	
C3488	.00005	500	0	6¢
C3489	.000075	500	0	
C3490	.0001	500	0	
C3375	.000125	300	0	
C3479	.00015	500	S	
C3491	.00015	500	0	7¢
C3573	.000175	500	0	
C3532	.00027	500	0	
C3494	.0003	500	0	
C3574	.00035	500	0	
C3496	.0005	500	0	9¢
C3456	.0005	500	W	
C3449	.0015	500	W	
C3463	.0015	500	S	
C3385	.0068	300	S	

### ERIE Ceramicon Condensers



Erie ceramicon condensers are insulated in a sealed ceramic case and are of very stable capacity with a ceramic dielectric, having coated plates of pure silver fired on at a high temperature. These capacitors are designed with definite temperature coefficients, and as such provide a simple, efficient method for compensating for frequency drift in oscillator and I.F. components. They feature greater mechanical strength, more direct and uniform electrical paths, and better protection against humidity. Wire leads 1 1/4" long, 20 gauge.

**5B3084—3 mmfd. ± .3 mmfd. Size 7/16" x 1 3/32". Temp. coeff. .00012mmf/mmfd./°C.**

**5B3085—33 mmfd. (± 3.3 mmfd.) — Temp. coeff. .00075 mmf/mmfd./°C.**

**5B3083—2.7 mmfd. (± .54 mmfd.) 500 V Temp. coeff. .00047 mmf/mmfd./°C.**

**Your Cost, Any Type** ..... **5¢**

Erie type N160D—120 mmfd. +3 mmfd. Negative temp. coefficient .00075 mmfd./mmfd./°C. Size approx. 1 1/4" long, 1 1/4" diam.

**C3555—Your Cost Each** ..... **3¢**

Erie style K, fully insulated with axial pigtail leads. 580 mmfd. + 20%. 500 volts DC w/g.

**C2196—Your Cost Each** ..... **3¢**

**5B3026—Type NPOL 15 mmfd. + 1 mmfd. 3/4" L. x 3/16" D.**

**Your Cost Each** ..... **5¢**

Erie type N420M—115 mmfd.—2.3 mmfd. Negative temp. coefficient .00042 mmfd./mmfd./°C. Size approx. 1 1/4" long, 3/16" diam.

**C3562—Your Cost Each** ..... **3¢**

### RELAYS



Sturdy, compact relays of nationally known manufacture, with heavy wiping contacts, high grade insulation and rigid construction throughout, insuring dependable trouble-free operation and long life.


(A) SPST Contacts, normally open, with 6 volt AC coil. **C14306—Your Cost** ..... **93¢**

(B) SPST Contacts, normally closed, 110 volt AC coil. **C14308—Your Cost** ..... **\$1.17**

(C) Midget type, SPST Contacts, normally closed 110 volt AC coil. **C14307—Your Cost** ..... **\$1.00**

(D) Three sets SPST Contact, normally open, one set SPST contacts, normally closed, 110 volt A.C. coil. **C14310—Your Cost** ..... **\$1.97**

### S.P.D.T. RELAY



This relay has two 200 ohm coils which permits it to be used on 12 or 24 volts d.c., operates at 30 M.A. The contacts are: one S.P.S.T. that "makes," and one S.P.S.T. that "breaks" which is in effect S.P.D.T. operation. Overall size: 4" x 1 1/4" x 1".

**5B3993—Your Cost** ..... **98¢**

### FOUR POLE RELAY



A heavy duty relay with two sets of SPDT contacts, and two sets of SPST contacts, normally closed. All metal parts are bright-plated and all soldered joints are carefully enameled to prevent corrosion. Contact arms and springs are heat-treated beryllium copper, and contacts are 1/4" pure silver, slightly crowned. Each set of contacts is rated at 6 amperes at 115 volts AC. Relay coil consumes 6 VA at 115 volts AC. Normal pull-in voltage, 92 volts; drop-out voltage 75 volts. Base and insulation are natural brown canvas bakelite. Base size 3 1/4" square, 1/4" thick. Overall height 1 1/4". Shpg. wt. 1 lb.

**C14251—Leach No. 2129BF** ..... **\$1.95**

### 24 VOLT RELAY



Leach type 1468-RV-MX relay, 24 volts, DC. 180 ohm coil. One SPDT set of contacts; one SPST set of contacts, and one DPST set of contacts. Contacts are 1/4" pure silver. Each set of contacts rated at 6 amps. 110 V. A.C. Requires 3 1/4" x 2 1/2" x 2" mounting space. Has hard composition base with excellent dielectric properties.

**5B4111—Your Cost** ..... **\$1.49**


### REMOTE CONTROL RELAY



Consists of SPST relay, contacts normally open, with 6.3 volt AC coil with DC resistance of 2.2 ohms, mounted in sturdy metal box measuring 3 1/4" x 3" x 2" with 20" cord and plug for connection to AC line, and 6 ft. cord and socket. Relay coil is connected to standard polarized AC socket mounted on box, and has sufficiently low resistance so that if connected in series with an appliance drawing between 1 and 2 amps, the relay will close and turn on another appliance automatically. Contacts will handle approximately 1000 VA AC non-inductive load.

**C14246—Shpg. wt. 2 lbs.** ..... **98¢**  
 Your Cost

### CENTRALAB Fixed Ceramic Capacitors



Extremely compact and stable capacitors, consisting of a thin wall ceramic tube, spacing two tubular silver plates, one inside and one outside the ceramic, and electroplated on the ceramic so that no mechanical movement to change the capacitance of the unit is possible. All are flash-tested at 1400 volts DC, with recommended working voltage of 500 volts DC. Power factor averages .05% with 1% the passing limit and does not increase with age. Leakage resistance is more than 10,000 megohms. CRL type 811. Capacity 20 mmfd. ± 20%. Dimensions .450" x .210" with 1 1/4" leads.

**C3558—Your Cost Each** ..... **3¢**

CRL type 812. Capacity 50 mmfd. ± 20%. Dimensions .450" x .210".

**C3559—Your Cost Each** ..... **3¢**

CRL type 810. Capacity 120 mmfd. ± 2 1/2%, negative temp. coefficient .00015 mmfd./mmfd./°C. Size approx. .835" long, .225" diam., with 1 1/2" leads.

**C3561—Your Cost Each** ..... **3¢**


.00068 Mfd. 5/16" x 3/16".

**5B3022—Your Cost** ..... **3¢**

.0068 Mfd. 5/16" x 1 1/4".

**5B3023—Your Cost** ..... **3¢**

### MIDGET ELECTROLYTICS



These midget dry electrolytics will handle any job requiring an electrolytic capacitor. Polarity clearly indicated. Bare wire leads. Easily replaces larger capacitors.

Stock No.	Cap.	D.C. W.V.	Size	YOUR COST
C3152	20	150	1 1/4" x 2	38c
C3153	20-20	150	7/8" x 2	60c
C3155	20	250	1 3/4" x 2 1/2"	50c
C3156	10	450	1 3/4" x 2 1/2"	43c
C3157	10-10	450	1 3/4" x 2 1/2"	70c
C3158	40	450	1 3/4" x 3 1/2"	87c

**100 MFD. 50 Volts Cond.**

100 mfd.—50 volts DC working. Dry electrolytic type housed in aluminum can. Dimensions: 2 1/4" long by 1" in dia.

**5B3216—Your Cost** ..... **Each 29¢**

**NOTE**

Due to space limitation we were unable to list all the condensers we have available. For additional listings of condensers, see Page 8 of this supplement AND our catalog No. 4-46.





# SPECIAL VALUES

## for IMMEDIATE DELIVERY

### Push Button Switches

Five button switch, each button DPDT with all buttons common in normal position. Shafts extend 2 1/4" from panel.  
**C12592—Your Cost, Each 19¢**

Six DPST buttons with all poles common in normal position. 5 1/4" wide, 1/4" high, 1 3/4" behind panel. Push button shafts extend 2 1/4". Less knobs.  
**C12624—Your Cost, Each 29¢**

### 3 GANG SWITCH

Three gang switch with metal panel. Two gangs are 4 position, 1 gang is 3 position. 1 1/2" shaft. Panel is 5" x 3 3/8" with two mounting studs. Switch can be removed from panel if desired.  
**5B4066—Your Cost, Each 19¢**

### SEALED SWITCH

Allied Control SPST snap action heavy duty fully enclosed switch. Normally closed. Pressure on plunger opens contacts. Handles 12 or 24 V. DC or 110 V. AC at 50 amp.  
**5B4054—Your Cost, Each 49¢**

### Heavy Duty Antenna Transfer Switch

Contacts mounted on 2 1/2" high by 1" square porcelain standoff insulators. Double pole double throw knife switch. Can be used as a grounding switch. Ideal for the amateur. Base 8" x 4".  
**5B6548—Only, Each 59¢**

### ROTARY SWITCH

Single gang, 6 pole, 3 position, shorting switch. 1 1/2" dia. with 1/2" shaft dia. Threaded bushing 3/8" long and 3/8" shaft.  
**5B3984—Your Cost, Each 39¢**

### MINIATURE TUBE PIN STRAIGHTENER

Handy tool that will make a simple task of the troublesome job of straightening the pins on miniature button base tubes. Unit will insure faster and smoother flow of assemblies on the production line. Guide pins provide quick easy alignment when inserting tube. Made of cadmium plated metal.  
**5B6982—Only, Each \$1.49**

### JUNCTION BOX

Has 2 spring type binding posts for line and single circuit jack for key. Contains 1 mfd 200 volt condenser. Has 15" parallel rubber covered lead. Dimensions: 3 1/4" x 2 1/4" x 1 1/4". Finished in black enamel with all connections labeled.  
**5B6981—Only, Each 69¢**

### AN EXCEPTIONAL VALUE!!

Ideal For Experimenters!  
.05 MFD 7500 V.D.C.  
High Voltage Capacitor

Oil filled paper capacitor in aluminum can. Built to meet rugged requirements. Improved bakelite top, hermetically sealed. High voltage terminals mounted on low loss stand off insulators. This capacitor is particularly suitable for high voltage circuit applications such as in Television, cathode ray tube power supplies, high voltage rectifier circuits, or as high voltage by-pass condensers. Dimensions: Can height: 3 3/4", diameter, 2 1/4". Overall height including terminals, 4 1/4". Terminals on 1 1/4" centers. Vertical mounting type, less mounting clamp.  
**5B3159—Your Cost, Each \$2.95**

### High Voltage RF Switch

Mycalex and isolantite insulated two section switch, two common poles and 8 positions. All contacts are special alloy, 1/4" diameter, and mounted on mycalex sheets. Spacers between decks are isolantite, with low-loss linen bakelite spacers for panel mounting. Insulated coupling for 3/8" shaft attached to rotors. Ideal for RF band switching, or high voltage work of similar nature. Over-all size, 5" x 6" x 6".  
**C14518—Your Cost, Each \$5.95**

### SPST Locking Type Switch

For use on automatic record changers or as a limit switch. Cam with roller actuates switch, which then locks in closed position, and circuit can be opened by light pressure on retaining dog. Handles approximately 3 amps. at 125 volts. Normally open.  
**C12597—Your Cost, Each 9¢**

### ELECTRICAL SWITCH

5 pole 2 pos. switch section actuated by 28 V. D.C. solenoid. When voltage is applied to coil, special low current winding holds switch in position until voltage is removed. Spring return to normal position. Other switch sections of standard size may be used if desired. Shpg. wt. 1 lb.  
**C14167—Your Cost, Each 59¢**

### 6 Pole 3 Position Ceramic Gang Switch

Non-shorting type, with all contacts, lugs and wipers heavily silver plated. All other metal parts cadmium plated. Steatite insulation used throughout, for high voltage and RF switching, threaded bushing, and 1" shaft extending 1 1/2".  
**C5922—Your Cost, Each 89¢**

### SELECTOR SWITCH

Three position selector switch with special contact arrangement to adapt it to many uses. Has thirteen contacts, and approximately five poles. Ideal for phono switch, etc. Standard 1/2" shaft extends 1 1/2". Has 3/8" threaded bushing. Less mtg. nut.  
**C12593—Your Cost, Each 9¢**

### ACORN TUBE SOCKET

Low loss socket with rugged spring contacts for 954 and 955 tubes. Constructed of ceramic material.  
**5B6980—Each, 29¢**

### PORCELAIN BAR INSULATOR

Heavy duty type—1" x 1 1/2" x 8". Hole in each end 1/2" in dia. Complete with metal U-bolts. Choice of 2 colors, brown and white.  
**5B3555—Brown, 5B3554—White, Your Cost, any type 29¢**

### Resistorless Neon Lamps

Used in Test Instruments, Noise Silencers, etc.

(A)	No.	Type	Bulb	Watts	Base	Price
	C12268	NE48	T4 1/2 (A)	1/4	2 Contact Card Bay	31c
	C12216	NE 2	T2 (B)	1/25	Wire terminals	8c

### MEISSNER MIDGET ALIGNER

Bakelite cased 1 to 12 mmfd. midget air trimmer. Bracket attached to movable element for mounting. 7/8" x 1 1/4".  
**C9740—Your Cost, Each 19¢**

### ROUND HEAD Machine Screws

Comes in handy jar with screw-on top that contains 50 screws, 10/32 x 3/4" long.  
**C14660—Your Cost per Jar of 50, 38¢**  
5 Jars for **\$1.81**

### MIDGET VOLUME CONTROLS

Suitable for general replacement purposes. Unusually low-priced but incorporates quality features. 1/4" diam. Shaft extends 3/8" from bushing.

**C8081—25,000 Ohms. Screw-driver slot shaft. Your Cost, Either Type 19¢**  
**C8096—Small diameter controls for use in midget radio sets. 1" diam. 3/8" deep. 3/8" bushing with shaft extending 1/4". 10,000 ohms. Your Cost, Either Type 19¢**

### 100M OHM MIDGET

A compact, dependable control only 1/4" in diameter. 1/4" shaft extends 1/4" from bushing. Especially desirable where a saving of space is required. Less mtg. nut.  
**C8082—100,000 Ohms. Your Cost, Either Type 29¢**  
**C8097—1 Meg volume control. Shaft extends 1/4" from bushing. Your Cost, Either Type 29¢**

### W. W. Potentiometer

185 ohm 9 watt wire-wound potentiometer with switch. Left hand tapered element, with variable arm grounded to case. 3/8" threaded bushing with 1/4" shaft extending 3/8" from bushing. Less mtg. nut. 2 1/4" O.D.  
**C8143—Your Cost, Each 39¢**

### L PAD

8 ohms, safely rated at maximum dissipation of 2.5 watts. Has continuous range from .5 to 30 DB attenuation in 90° of rotation; the last 10° affording infinite attenuation. Flatted shaft extends 3/4" from standard 3/8" bushing. Dia. 1 1/4", 1 1/4" deep.  
**5B2095, Each 59¢**

### Dual Vol. Cont.

2 meg. front 40 M rear. Can be used in Bass-Treble Boost Tone Circuits. 1/4" round shaft, 1/2" long from bushing.  
**C8137—Your Cost, Each 39¢**

### POWER SUPPLY RELAY

Ideal for the Ham rig. Operates on 110 volt AC—60 cycle. Contacts will carry 30 amps. D.P.S.T. Completely enclosed in flash proof metal container. Size: 6" x 4 1/2" x 3 1/2". Finished in black enamel.  
**5B3985—Your Cost, Each \$6.95**

### AUDIO TRANSFORMER

Two in one audio transformer for use in Phone circuits, etc. Dimensions: 4" high with mounting plate 2 1/4" x 2 3/4". Heavy tinned solder lugs. This unit is completely covered with a thick coating of black impregnating tar to protect it from extreme weather conditions. A schematic diagram of both components is mounted directly on top of the transformer with schematic leads going directly to actual leads.  
D. C. Res. Primary—187.3 ohms.  
Secondary No. 1—884 Ohms  
Secondary No. 2—18.58 Ohms  
Turns ratio: Sec. 2 to Sec. 1—1:23  
Sec. 2 to Pri. 1—1:10.3  
**5B5062—Your Cost, Each \$1.29**

### SPECIAL ASSEMBLY

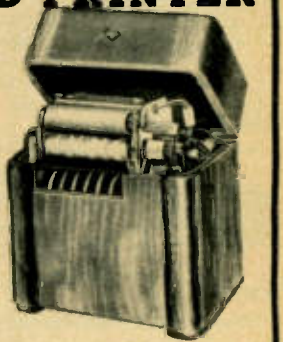
Contains a 100 mmfd. variable condenser—screw driver adjustment—which alone is worth the price of this unit. Has resistor assembly, polystyrene socket, and other parts mounted on insulated base. A good item for the experimenter.  
**5B3553—Only, Each 39¢**

## EXPERIMENTERS • LABORATORIES • SCHOOLS

Only a Limited Quantity Available!

# RCA FACSIMILE BROADCAST RECEIVER AND PRINTER

- ★ Fully automatic
- ★ Pre-tuned high fidelity radio receiver
- ★ Operates on 540 KC. to 1160 KC. and 770 KC. TO 1550 KC.
- ★ Worm Drive Synchronous Motor
- ★ Includes facsimile printer and amplifier



This is a precision built unit made by RCA on which the original cost was considerably more than the present greatly reduced price. Consists of pre-tuned high fidelity radio receiver, facsimile printer amplifier, facsimile printing unit, and Telechron time switch clock. Precise mechanism in facsimile printing unit, consisting of synchronous motor, worm and gear driven carbon and white paper feed and take-up, and printing head assembly, operating from impulses received from white and black amplifier tubes in printer amplifier. Has many possible uses in the laboratory as well as by experimenters and schools. The printing unit utilizes carbon paper in contact with white paper as a recording medium. Complete with tubes and operating and service instructions, but less recording paper. An exceptional value.  
**C25749—Specially Priced \$79.50**

### ELECTRICAL CHARACTERISTICS

FREQUENCY RANGES  
540-1160 kc. and 770-1550 kc.  
POWER REQUIREMENTS 105 to 125 volts, 60 cycles, 115 watts  
TUBE COMPLEMENT  
Detector and Oscillator RCA-6A8  
1-F Amplifier RCA-6K7  
2nd Detector, A.V.C., 1st Audio RCA-6B8  
2nd Audio, Audio Rectifier RCA-6B8  
Audio Rectifier RCA-6H6  
"White" Amplifier RCA-6V6  
"Black" Amplifier RCA-6V6  
Rectifier RCA-5T4

### FACSIMILE CHARACTERISTICS

STROKES per minute 75  
LENGTH OF STROKES 8.75 in.  
LINES PER INCH 125  
FACSIMILE INDEX (strokes x lines per inch) 1093.75  
WIDTH OF PAPER (carbon and white) 8.5 in.  
WIDTH OF COPY 7.5 in.  
PAPER CAPACITY  
White, 345 Ft. Carbon, 95 Ft.  
CURRENT REQUIREMENTS  
105-125 volts, 60 cycles

### DYNAMIC TYPE EARPHONE AND MICROPHONE ASSEMBLY

- ★ Home Recordings
- ★ For Inter-com Units
- ★ Mobile Equipment
- ★ Code Practice Sets
- ★ P. A. Systems



This unit consists of a microphone handset including a dynamic mike (50 ohm voice coil) actuated by a DPST "push-to-talk" switch conveniently mounted on the hand set for thumb control. The mouth piece is of flexible rubber, and the unit is completely waterproofed with oil impregnated cloth inside the mike grill. The head set is of high quality spring steel, fully adjustable, and covered with genuine leather. The earphones (2), built on the principle of a P.M. dynamic speaker, have a moving voice coil wound to 50 ohms impedance, and are attached to mica diaphragms. The magnetic field is set up by a very high quality super-alloy electro magnet. The ear phones are 1 1/2" speakers solidly encased in black bakelite and equipped with sponge rubber cushions 3/4" diameter. By using matching transformer like 5B5062 listed below, these sets make excellent intercom units. Adaptable for code practice sets, mobile equipment, P.A. Systems, amplifiers, home recording, etc.  
Each unit is equipped with a 37' cord and rubber receptacle to fit the 5 prong male plug on the head set and mike. The cord has 5 color coded wires and a clamp for panel mounting. This cord extension will facilitate disconnecting the entire unit at will. The service man and experimenter alike, will undoubtedly find many other uses for these marvelous little units which are being offered at but a small fraction of what they originally cost to build in large quantities!  
**6B7055—Your Cost, Each \$5.95**  
Extension cord with receptacle for above. **6B7056—Your Cost, Each 29¢**

### HANDSET

High quality unit containing a magnetic phone of approx. 1000 ohms impedance and a single button carbon microphone rated at 200 ohms. Has convenient built-in push to talk butterfly switch. Six foot heavy duty rubber covered cable provided with PL 55 plug on one conductor and PL 68 plug on the other. Overall size, 9". Extensively used in field telephone work and has numerous other applications.  
**5B7061—Your Cost, Each \$3.95**

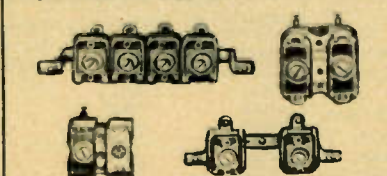
### HEAD-BAND

Here is your opportunity to replace your worn out headbands with an improved adjustable type. Thumb screw locks ear phone to exact angle and height. Completely covered to avoid pinching. Lightweight and light on your pocket.  
**5B6983—Your Cost Only, 29¢**

### Carbon Throat Microphone

This microphone will work into any 200 ohm impedance input circuit. Has adjustable strap to fit any neck. In operation this microphone is strapped around the throat thereby facilitating full freedom of both hands and head movement. Ideal for ultra high frequency mobile work for hams. Supplied with strap, 10" cord and plug.  
**5B7060—Your Cost, Each 49¢**

### Ceramic Mica Trimmers



Excellent units for replacement use. These trimmers are brand new precision built units offered to you at less than the usual cost to manufacturers. Those mounted on strips can be removed and used as individual trimmers. Workable minimum and maximum capacities are specified.  
**C9762—Single trimmer, strip, 75-145 mmfd. Your Cost 5c. 10 for 45c**  
**C9763—Single trimmer, 145-270 mmfd. Your Cost 3c. 10 for 25c**  
**C9764—Dual trimmer, 95-125 mmfd. ea. section. Your Cost 5c. 10 for 45c**  
**C9765—Dual trimmer, 75-145 mmfd. ea. section. Your Cost 5c. 10 for 45c**  
**C9767—Dual trimmer, 50-120 mmfd. and 180-300 mmfd. Insulated from mounting bracket. Your Cost 7c 10 for 65c**  
**C9768—Dual trimmer, 3.5-10 mmfd. and 145-270 mmfd. 3c 10 for 25c**

### DUAL CERAMIC TRIMMERS

**C9520—50-225 mmfd. each section. Your Cost, Each 6¢**  
**C9521—30-300 mmfd. each section. 10 for 55c**  
**C9522—10-50 mmfd. and 50-200 mmfd. 10 for 55c**

### QUADRUPLE CERAMIC TRIMMER

Quadruple trimmer, one-section 3-30 mmfd., three sections 1-10 mmfd. each. Insulated from mounting bracket.  
**C9769—Your Cost, 10 For 5¢**



# New POSTWAR TEST EQUIPMENT

Immediate Delivery!

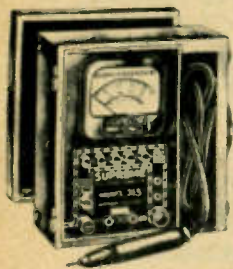
## ELECTRONIC Model 100 V. T. Voltmeter - Ohmmeter

Completely portable electronic volt-ohmmeter capable of extremely sensitive response with deflections in either the positive or negative direction. This instrument is protected against accidental overloading and cannot be affected by fluctuating line voltage. Uses shunt type ohmmeter circuit making only one adjustment necessary for all ranges. Input resistance is 8 megohms on all ranges. The AC input capacity is less than 9 MMF giving a response of less than 50 cycles to greater than 100 megacycles. DC ranges, volts, 0-3 30/150/300 600. AC volts, 0-3 30/150/300. Ohms, 0-1000/10M/100M/1Meg/100Meg. Shipping weight 10 lbs.



C21794—Your Cost **\$75.00**

## SUPREME Model 565 V. T. Voltmeter



A balanced highly degenerative bridge circuit allows higher input impedances with less detuning of RF circuits and greater stability than ever before. There is negligible frequency error from 50 cycles to 100 megacycles. All ranges selected by means of push buttons. Zero adjustment control. Four inch full-vision type meter. Fuse protected. Ranges: DC volts: 0-1/2.5/10/50/250/500; AC volts: 0-1/2.5/10/50/250. Input resistance: DC—80 megohms on 1 volt range, 40 megohms on 500 volt range; AC—40 megohms on 1 volt range, 20 megohms on 250 volt range. Audio frequency voltages up to 20,000 cycles may be measured. The input capacity of the probe is 5 MMFDS. Attractive metal case with a hinged cover. Size: 9 1/4" x 9 1/4" x 4 3/8". Shpg. wt. 11 lbs. 110-125 volts AC, 50 60 cycles.

C21682—Approx. **\$62.23**

## ELECTRONIC DESIGNS Model 100 V-T Volt-Ohmmeter



The Model 100 has been expressly designed to withstand the critical demands for a compact sturdily built meter, and at the same time supply the demand for a sensitive, accurate vacuum tube Volt-ohmmeter. Extreme care in the matching and choice of component parts has resulted in a high quality test instrument. DC Ranges: 0-3 10 30 100 300 1000 volts. All ranges have a constant input resistance of 11,000,000 ohms. Accuracy 3% ±. AC Ranges: 0-10 30 100 300 1000 volts. 1,000 ohms per volt sensitivity with accuracy of 5% ±. Electronic Ohmmeter Ranges: 0-1000/10000/100000 ohms/1 meg/10 megs/1000 megs. This extremely neat meter is complete with signal tracer probe, two test leads and batteries. 9 1/4" x 6" x 4 1/4". Shpg. wt. 10 1/2 lbs. 110-120 volts, 50-60 cycles.

C21710—Your Cost **\$47.50**

## R.C.P. Electronic Multitester Model 668

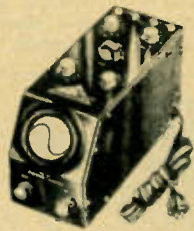


Check These Features  
✓ Voltmeter ✓ Ohmmeter  
✓ Capacitymeter

A portable, highly accurate instrument, sensitive and flexible. Designed to save time in testing in the shop, laboratory, and production. Circuit eliminates all errors due to line voltage fluctuations. Matched resistors are plus minus 1% accurate. Capacitymeter reads direct in microfarads. The entire instrument is thorough shielded, with no danger of shock on high resistance or low capacitance measurements. DC Vacuum Tube Voltmeter—direct reading sensitivity: 160 to 16 megohms. 0-6-30-150-600-1500-6000 volts. AC Vacuum Tube Voltmeter—Direct reading. Input capacity 0.00005 mfd. at terminals of instrument. Input res. 160 to 16 megohms 0-3-6-30-150-600-1500-6000 volts. Measures sig- and output voltages from 10 cps. to 10,000 cps. Vacuum Tube Ohmmeter—direct reading. From 0.1 ohm to 1,000 megohms, 0-1,000-10,000-100,000 ohms; 1-10-100-1,000 megohms. Capacitymeter—Accurate measurements from 0.00005 to 2,000 mfd. 0-0.002-0.02-0.2-2-20-200-2000 mfd. Supplied ready to operate complete with leads, tubes, pilot light and batteries in a steel case. Size: 9 1/4" x 9 1/4" x 7 1/4". Weight 7 1/4 lbs.

C21793—Your Cost **\$73.01**

## POCKETSCOPE—MODEL S-10-A OSCILLOSCOPE



★ Small In Size  
★ Light In Weight  
★ Complete In Performance

A complete cathode ray oscilloscope with synchronization means and self contained power supply. Capable of indicating in 2 independent dimensions—vertical and horizontal. Has practically unlimited application. Used for study of wave shapes, measurement of modulation, frequency, phase shift, voltages, power, distortion—adjustments of audio-amplifiers, radios, television and FM receivers, and tracing of vacuum tube characteristics and other curves. Cathode ray tube is magnetically shielded and has great angle of vision. Controls are placed to permit easy adjustment without complicated instructions. The response of the vertical and horizontal amplifiers is within 0 to -2DB from 20 cycles to 100 Kc, and is within -6DB to 200 KC. Vertical and horizontal deflection sensitivity 1 volt RMS inch; input resistance 5 meg; input shunt cap. 36 mmf; input series capacitance .1 Mf 600 V. Linear time base oscillator 10 cycles to 50 KC with sweep from left to right. Weighs only 5 1/4 lbs. and occupies less than .15 cu. ft. of space. Uses miniature glass tubes and the 2AP1 Cathode Ray Tube. Dimensions: 6 1/4" x 4" x 10".

C21779—Your Cost **\$53.90**

**NOTE**  
Our buyers scoured the country to obtain the finest test equipment available. We have a sizable stock on hand of every item listed, but with the prevailing heavy demand, it will probably be sold in a hurry. Our suggestion is to order early and avoid being disappointed. For a more complete listing of test equipment, radio parts and other electronic equipment write for our catalog 4-46. Your inquiries will receive our immediate attention.

## DUMONT 5 Inch Model 208B



Uses 5LP1 tube. Has a calibrated removable scale. Frequency range: Y-axis, plus or minus 10% from 2 to 100,000 sinusoidal cycles; X-axis, plus or minus 15% from 2 to 100,000 sinusoidal cycles. A voltage gain of 2000 times on the Y-axis and 43 times on the X-axis. Deflection sensitivity: max. Y-axis 0.010 r.m.s. volt/in. Max. X-axis 0.500 r.m.s. volt/in. Direct deflection plates—21 and 22 r.m.s. volts in. Y-axis and X-axis respectively. Recurrent sweep over continuously variable range from 2 to 50,000 40-60 cycles. 14 1/4" x 8 1/4" x 19 1/2". Shpg.

cycles. 110 volts, Wt. 67 lbs. C21782 **\$235.00**

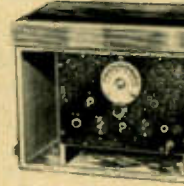
## DUMONT Electronic Switch and Square Wave Generator



Model 185A. Permits the simultaneous observation, for purposes of comparison, of two or more independent signals on the screen of a single cathode ray oscillograph. As a Square Wave Generator, square wave signals may be used in studies of the performance characteristics of vacuum tube amplifiers and other networks over a range of 10 to 500 c.p.s. Switching rate 10-2000 times per second. Input resistance 100,000 ohms. Output resistance 50,000 ohms. All controls and connections on front panel. For 115 V. 40-60 cycles. Complete with 2 each 6V6, 6SJ7, 6J5 and 1 80 tubes. Black wrinkle finish steel cabinet. 11 1/2" x 7 1/4" x 13". Has carry handle. Wt. 17 lbs.

C21783—Your Cost **\$105.00**

## BROWNING Signal Generator



The Browning type A-30 signal generator is an r-f signal generator covering the range of 22 mc. to 38 mc., with tuning dial calibrated in mc. Power output 0-5 volts. The A.F. oscillator in the unit may be adjusted to frequencies of from 900 c.p.s. to 1100 c.p.s. Modulation up to 80% may be obtained. This unit employs

a 115 volt 60 cycle 55 watt power supply, and will supply the following types of output: (a) Continuous wave r-f (b) Amplitude modulated r-f (c) Audio frequency. The A.F. output impedance varies from 0 to 25,000 ohms; the r-f from 0 to 900 ohms. The r-f oscillator is a conventional Hartley, tuned by a condenser controlled by tuning dial on panel. The A.F. oscillator is a Wien Bridge type, set for 1000 c.p.s. and has potentiometer control in rear of chassis for adjusting frequency. Panel, in black wrinkle finish, contains on and off line switch, an R.F. and A.F. power level control, an R.F. tuning dial, and a MOD/UNMOD switch. Supplied with over 5 feet of line cord for 115 volt 60 cycle with two prong plug, an amphenol 80-C connector for R.F. output and pin jacks for A.F. output. Panel size 7" x 10". Unit mounted in ruggedly constructed oak wooden case, size, 17" wide, 9 1/4" high, and 9 1/2" deep, with removable cover and fitted with leather strap for carrying. Complete with 5 tubes: 6AC7 R.F. oscillator, 6AC7 Amplifier, 6SN7-GT A.F. oscillator, 5Y3-GT full wave rectifier, VR-150 voltage regulator. Each unit is furnished with a pamphlet giving full information, circuit diagrams, directions for installation, operation, and adjustment. Shipping weight 17 lbs. 5B9518—Your Cost **\$39.50**

## FEILER Professional Signal Tracing Analyzer Model TS-2

This is the new Electronic "Stethoscope" that gets to the heart of radio trouble in a flash. Completely portable, using 2 Burgess M30 (45V) and 1-G3 (4 1/2V) batteries, and three low drain tubes to insure maximum battery life. 5" PM Dynamic Speaker included. Unit makes audible all signals—30 c.p.s. to 200 m.c.s.—RF, IF, Audio, without necessity of tuning or using switches or special controls. Has provision for an output meter for silent tracing and an RF vacuum tube voltmeter for visual indications. Comes in handsome brown iridescent finish. Shipping weight 10 1/2 lbs. with batteries.

C21798—Your Cost less batteries **\$29.35** C20617—Burgess M30 C20610—Burgess G3



2 Required \$1.05 32c

## PRECISION ELECTRONIC SIGNAL TRACER

Unit complete with high frequency probe and tubes, ready to operate on 110-120 volts A.C. 60 cycles covering A.M., F.M. and television sound. Has frequency range from 30 cycles to well over 100 Megacycles with a separate channel for audio frequency. Constructed with high frequency radar tube in probe in conjunction with 3-tube High Gain Amplifier of 5 watts for RF-IF frequency makes all signals audible. Full control of the level of the RF-IF stage is provided by a variable control and a resistive attenuator. No extra equipment to buy. Shipping weight 11 lbs.

C21799—Your Cost **\$29.95**



## FEILER Signal Tracing Analyzer Model TS-1

Rapidly test any receiver or amplifier without bothersome adjustments. Touching probe to any part of circuit produces an audible signal enabling rapid point to point testing. Portable metal case contains compartment for the 3 foot cable, probe, and batteries. Handy sized probe 1" dia. by 4 1/4" long made of durable bakelite contains tube and circuit components. Operates on one 22 1/2 volt battery and one No. 2 flashlight cell. Requires set of magnetic headphones. Weighs only 4 lbs. with batteries and comes complete with operating instructions, sufficient even in the hands of a novice. Size: 6 3/4" x 4 3/4" x 3 3/4".

C21797—Your Cost (less batteries and phones) **\$9.85** C19862—22 1/2 volt Batt. 72c C20622—No. 2 cell 6 1/2c C13892—2000 ohm headset \$1.11



## Simplex Model 371

A "Pocket-size Pioneer" of rugged and durable construction for service, schools, radio shops and wherever extreme accuracy is not required. Strictly a D.C. meter, its ranges are as follows: 0-3/15/30/300 volts, 0-25 milliamperes and a resistance scale of 0 to 10,000 ohms. Operates on two standard flashlight cells which are included. Size 1 1/4" x 2 1/4" x 3 3/4". Shpg. wt. 3 lbs.

C21504—Each **\$4.56**

## Model 312

Similar to above but for use on both AC and DC volts; 0-25/50/125/250; Milliamperes to 50 mills.; up to 100,000 ohms. For use on 110 volts AC or DC. C21505—Each **\$5.88**

# METERS

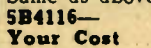
## D. C. MILLIAMMETERS

0-20 M.A.  
Precision built DC milliammeter. 2 1/4" flange mounting type. Black dull finish bakelite case. Mtg. Hdwe. included. Large, clearly legible dial calibrations. 0-20 M.A. DC. **\$3.23**



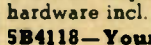
5B4122—Your Cost

0-300 M.A.  
Same as above except: 0-300 MA. DC. **\$3.23**



5B4116—Your Cost

0-300  
Also 0-300 DC Milliammeter but in dull black metal case. Requires 2 1/4" dia. hole for flush panel mounting. Large clearly legible scale divisions. Depth behind panel, 1 1/2". Mounting hardware incl. **\$2.95**



5B4118—Your Cost

0-200 M.A.  
2 1/2" flange mounting type. Calibrated for use on 1/4" steel panel. High quality workmanship throughout. Metal case dull black finish. Mounting hardware included. **\$3.49**



C10650—Your Cost

G. E. Decibel Meter  
G.E. rectifier type AC meter. Full scale deflection: 3 V. AC. Scale calibrated from -10 to +6 Db., based upon 6 milliwatts and 600 ohms. 2 1/4" flange mounting type in black, dull finish bakelite case. An excellent audio meter suitable for laboratories, schools, sound men, and experimenters. **\$4.45**



5B4120—Your Cost

## TRIPLETT MODEL 321 0-1 D.C. MA. METER



3" Round Panel Type  
The finest materials and workmanship are incorporated in this instrument. Molded case with all the terminals molded in. Sapphire Jewels in adjustable screws. Accuracy within 2%. **\$6.54**

C11200—Your Cost

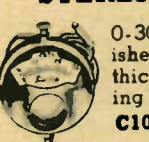
## STERLING VOLTAMMETER



0-10 Volts 0-35 Amperes Direct Current  
Handy instrument that fits into your pocket. Comes complete with test lead and leatherette case. Dimensions 2 1/4" dia. by 1 1/4". Finished in nickel. **\$1.19**

5B4170—Your Cost

## STERLING Pocket Meter



0-30 Volt D.C. In nickel finished case 2 1/4" diameter, 1/2" thick. Especially made for testing "B" batteries. **69¢**

C10875—Your Cost

## WESTON Frequency Meter



Model 637 frequency meter. Coverage 350 to 450 cycles. Aircraft type instrument with luminous pointer and numerals. 3 1/4" case, 3" deep. 4-6-32 threaded mounting holes with elastic stop nuts. **\$9.95**

5B4070—Your Cost



**Immediate Delivery!**

# PHONO PLAYERS AND CHANGERS



## AUTOMATIC RECORD CHANGER

- ★ HIGH FIDELITY CRYSTAL PICKUP
- ★ PLAYS TEN 12" OR TWELVE 10" RECORDS
- ★ LIGHTWEIGHT
- ★ NO GEARS
- ★ SMALL SIZE
- ★ 1 1/4 oz. NEEDLE PRESSURE

This changer is a simple, gearless, foolproof mechanism, designed to give the maximum convenience and pleasure with a minimum of attention and care. This machine will play and automatically change a series of up to twelve 10-inch records or ten 12-inch records of the 78 r.p.m. type having an eccentric stopping groove. Recordings sold today for home use are of this type. Very old records that do not have an eccentric stopping groove can be played semi-automatically by operating the reject lever at the conclusion of each selection. The free floating tone arm incorporated in this machine employs a crystal pickup of the hi-fidelity type. Needle pressure 1 1/4 oz. Conven-

tional removable needle. Turntable is brown floss coated. Entire unit is finished in beige and brown enamel. Overall size: 10 3/4" by 12 1/4" by 8". Requires 6" above motor board and 2" below motor board. Complete with mounting hardware. **\$16.45**

C22500—Your Cost

### Base for above Record Changer

Wood mounting base for use with above record changer. Walnut finish. Mounting holes and clearance cutout already provided. Provides a complete portable unit ready to attach to a radio. Size, 12 3/4" x 11 3/4" x 2 1/4". **\$1.95**

C22361—Your Cost

## WEBSTER RECORD CHANGER



Simple in design and operation, it provides manual or automatic playing of ten standard 12" or twelve 10" discs with a minimum of waiting time between records. Home recordings or "inside out" records up to 12" size may be played manually. Shuts off automatically after the last record has played. Lightweight pickup less needle has a 36" lead. The unit has a 110 V. 4 pole, heavy

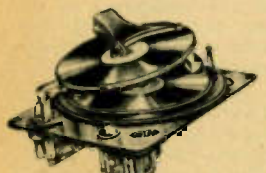
duty, 60 cycle motor. Supplied complete with mounting, template, instruction manual, and all mounting hardware for standard 3/4" board. Dim: 14"x14"x9" overall. Shpg. wt. 17 lbs. **\$26.66**

C22500—Model 56—Your Cost

New Junior Model similar to above but last record is repeated instead of automatic stop. Dimensions 12 1/2"x12"x9" overall. Allow additional 1/2" front, side and rear for 12" record clearance. Shipping wt. 15 lbs. **\$21.17**

C22501—Model 50—Your Cost

## JUST ARRIVED! GARRARD RECORD CHANGER



Garrard's new De-Luxe "Mixer" record changer which plays both 10" and 12" records in any assortment, any combination. Record changing is performed simply, efficiently, and silently. Features a 1-ounce high-fidelity pickup, with frequency response from 30 to 8500 c.p.s. The permanent jewel stylus will last for years of normal playing. The motor is silent and sturdy, built to give powerful but regular governed running. Spe-

cial spring mountings for full floating non-microphonic installation. Overall dimensions with a full record supply are: 15"x11 1/4"x5 1/2". Cabinet space, 15"x13" to accommodate 12" records. Shipping weight 21 lbs. **\$63.00**

C22550—A.C. Model—100/130 V. 50/60 cycles.

**\$75.00**

C22551—Universal A.C.-D.C. Model—100 130 V., 50/60 and 200/250 V., 25/60 cycles. Wt. 30 lbs. **\$63.00**

C22552—A.C. Model. Same as C22550—but with Magnetic Pickup. Less needle. **Your Cost.**

## PORTABLE ELECTRIC RECORD PLAYER AND CHANGER



### ★ PLAYS HALF HOUR OF CONTINUOUS MUSIC

An amazingly versatile, fine quality unit at an exceptionally low price. Comprises an improved automatic record changer power amplifier and speaker. Changer will play continuously at a single loading with cabinet cover closed, ten 12" or twelve 10" records. Any record can be rejected when desired with the press-to-reject button which also serves as automatic, manual, and on-off switch. All-in-one control conveniently located. Easy loading and gentle with your records. Will not jam even if you are careless. New silent type, constant, self starting, rim drive motor with 9" turntable. Fine Astatic crystal pickup with extremely low needle pressure gives wide frequency range and minimum surface noise. Ideal for multitude of uses. Can be carried without fear of moving parts. New locking device protects pickup arm and turntable to insure complete portability.

permits adjustment to desired response. Tube complement: 1-12SJ7, 1-50L6GT, 1-35Z5GT. High fidelity reproduction by 6" PM dynamic speaker. Portable carrying case finished in attractive simulated alligator skin with leather handle and snap locks. Overall dimensions 18 1/4"x15 1/4"x9 1/4". Complete with tubes and speaker ready to use. Shipping weight 33 lbs. **\$54.75**

C22521—Your Cost

## GENERAL INSTRUMENT Record Changer



Foolproof mechanism, designed to give the maximum convenience and pleasure with a minimum of attention and care. Will play manually and automatically change up to 10 twelve-inch or 12 ten-inch records. Fast changeover time assures a short wait between records.

Discs last longer due to the feather weight pickup used—only 1 1/4 oz. needle pressure. Heavy duty dependable motor of 78 RPM is cushion mounted for silent operation. Records drop on velvet brown floss turntable. Requires a mounting base 11"x12". Overall depth 6".4" above the mounting plate and 2" below. For use on 115 volts AC, 60 cycle. Complete with mounting hardware. Shipping weight 11 lbs. **\$23.95**

C22556—Your Cost

## CRESCENT Automatic Record Changer



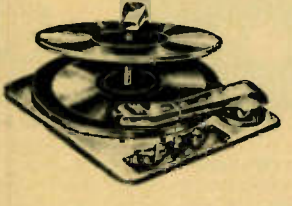
A new improved single post changer with the features you would hardly expect to find in the low price field. Simple, single control, plays ten 12" or twelve 10" records automatically. Rejects any record desired, or permits optional playing of records manually. Only three moving parts while changing. Fast—changes records in 5 seconds. "Childproof"—

tone arm may be moved at any time without damage. Has self-starting, 78 RPM, 110 volt 60 cycle AC, heavy duty motor, and 9" turntable covered in velvet floss. Will operate satisfactorily on any record regardless of age. Complete with 30" lead wires, and plugs, and simple instructions, for easy connecting. Finished in two-tone brown with attractive plastic trim. Will decorate any radio. Requires only 5 1/4" head room and fits any cabinet with 12 1/2"x16 1/4" changer area. Shipping weight 12 lbs. **\$19.95**

C22503—Your Cost

## THORENS CHANGER MODEL CD40

- ★ STARTS AND STOPS AUTOMATICALLY
- ★ PLAYS 10" AND 12" RECORDS MIXED



Over twenty minutes of pleasure at one setting can be had by the new super-automatic Thorens record changer. Plays mixed 10" or 12" records in any order (8 records continuously). Rejects any record desired, and goes on to the next. Repeats part or whole record at

any desired point. Pauses between records if wanted. No interference from vibration, or with radio reception. Tone arm is hinged for convenient needle changing and has crystal pickup. Dimensions 15"x12" and 5" in height. AC motor 100 to 250 volts, 50 to 60 cycles. Complete with mounting hardware and instructions. Shipping weight 23 lbs. **\$77.30**

C22553—Your Cost

## PORTABLE ELECTRIC PHONOGRAPH



Here it is—a new portable record player that plays both 10 and 12 inch records—with a high fidelity amplifier that gives you the living tone of the original record. Using high quality components and a permanent magnet speaker, this player will give a new thrill to your records. Sturdy lock-joint cabinet is covered with attractive heavy fabric. Operates on 110 volt 60 cycles. Record player consists of a 3 tube amplifier, self-starting motor, sensitive crystal pickup, and combination volume control and AC Switch. Shipping weight 15 lbs. **\$33.75**

C22650—Your Cost

## PORTABLE ELECTRIC RECORD PLAYER



Packed with conveniences; versatile in operation; giving rich tone and lifelike performance. Light weight, compact, easy to carry. An excellent instrument wherever quality reproduction of records is desired. Incorporates a dependable rim-drive constant speed motor, self starting, with a 9" turntable.

Plays both 10" and 12" records with cover down. A 5" PM dynamic speaker reproduces with extreme clarity. Fine Astatic crystal pickup arm (high impedance) with low needle pressure insures wide range frequency response. Separate tone and volume control permit wide adjustment. Tube complement: 1-12SJ7, 1-50L6GT, 1-35Z5GT. Case covered in beautiful fabric with leather handles and snap locks. Operates on 110-120 volts. Overall size: 16 1/2"x13"x6". Shipping weight 16 lbs. **\$31.75**

C22520—Your Cost

## AUDIODISCS

### "RED LABEL" Aluminum Base

Faultlessly coated and carefully selected to the highest standards of quality. Primarily for professional use. "Acetate" coated on smooth aluminum base. Double-sided with 3 drive pin holes. For all applications requiring the ultimate in disc perfection. .054" overall thickness. Stan. pkg. quan. 25.

	Each	Std. Pkg. of 25
C11989 8"	70c	42c
C11994 10"	\$1.00	60c
C11995 12"	1.25	75c
C11996 16"	2.50	\$1.50

## PRESTO

### "ORANGE SEAL" DISCS ALUMINUM BASE

Famous Presto aluminum base recording discs now available again. Coated with Presto's special compound they have low surface noise and long playing life. Non-warping and lighter in weight than Green Seal discs listed below. Mirror smooth finish. Stan. pkg. quan. 10.

	Each	Std. Pkg. of 10
C11980 6 1/2"	40c	24c
C11981 8"	55c	33c
C11982 10"	80c	48c
C11983 12"	\$1.00	60c

## RECORD RENEWER

For acetate records. Cleans, lubricates and protects. This film of lubricant reduces friction. Hardens and preserves acetate records. 2-ounce bottle. **26¢**

C15300—Your Cost



### WEBSTER Crystal Pickups

Excellent design and performance. Balanced to track at less than 2 oz. Range 40 to 8500 c.p.s. For up to 12" records. Brown finish. Shpg. wt. 3 lbs. High Impedance. **\$3.82**

C-529—Your Cost

## THE RECORD BOOK

900 page complete guide to all recorded music. It lists the works of more than 300 composers giving a critical, impartial analysis of more than 7,000 available records. Beautiful black cloth cover with embossed silver binding makes it an excellent gift item. Shpg. wt. 4 lbs. **\$1.49**

C20002—Postpaid **Your Cost**

# PHONO PICKUPS

### WEBSTER "AJ-1" Light-Weight Crystal Pickup

Precisely balanced pickup with semi-permanent precious-alloy needle. Practically no record wear or needle changing. Streamlined bakelite arm. 40 grams pressure. .5 V. output. Wt. 1 lb. **\$4.26**

C427—Model AJ-1 Each

### SHURE Magnetic Recording Head

High quality, wide response record cutter. Ideal for use in home recording equipment. Standard replacement for thousands of magnetic cutters which are in service today, and with a few minor circuit changes, will replace crystal cutting heads and provide more lasting service. Designed to operate directly from voice coil winding of output transformer, with stiff moving, but highly sensitive recording element to permit cutting of practically all recording materials. Will match 4-8 ohms voice coil windings. No mounting brackets are provided, but tapped mounting holes facilitate re-use of brackets on unit to be replaced. Size 2 1/4"x1 1/4"x 1/2" with needle screw and 4-inch flexible leads. Less stylus. Shpg. wt. 8 oz. **\$2.95**

C13799—Your Cost

### SHURE "Glider" Pickups

High 1.4 V. output combined with low 1 oz. weight make this one of the finest pickups at its price! Response 60-6000 CPS. Changeable needle. Up to 12" records. Shpg. wt. 8 oz. **\$3.59**

C13417—Model 93A

### LYRIC RECORD HOLDER

★ Protect Your Records Why risk broken and scratched records when you can safely file fifty 10" or 12" records in only 12 inches of table or shelf space? Soft red felt covers the unbreakable steel base and separators, keeping your records in perfect condition. Handy indexing system included helps you locate any record in a few seconds. Handles are copper plated. A perfect gift for music lovers. **\$2.33**

C21894—Your Cost

### NEEDLE CUPS

Brown finish. 1 1/4" diameter. Mounts easily. **\$2.95**

C130—Open type—5c each—10 for 45c—100 for \$3.50

## PRESTO "GREEN SEAL" Discs

Finest grade of recording blank made by Presto. Smooth surface and minimum surface noise. Consists of a heavy Aluminum Base and coated by a special compound used exclusively by Presto. Used by research laboratories to demonstrate the capabilities of recording equipment. Standard recording blank for a majority of the larger broadcasting stations and recording studios. Overall thickness .052". Stan. pkg. quan. 30.

	Each	Std. Pkg. of 30
C11991 10"	\$1.00	60c
C11992 12"	1.25	75c
C11967 13 1/2"	2.25	\$1.35
C11993 16"	2.50	1.50

## AUDIO "YELLOW LABEL" Discs

Acetate coated on Aluminum Base. Intended primarily for amateur, school or home use. Double sided and labeled. Stan. Pkg. Quan. 25.

	Each	Std. Pkg. of 25
C11990 8"	60c	38c
C11997 10"	80c	48c
C11998 12"	\$1.00	60c
C11998 16"	2.00	\$1.20

## Stroboscopic Speed Checker

Placed on turntable and illuminated with a bulb (AC) indicates correct speed at 78 or 33 1/3 r.p.m. **7¢**

C197—Each



# VALUES FOR EVERY SERVICEMAN AND DEALER

## 30-WATT AMPLIFIER AT NEW LOW PRICE!!



- ★TWO INPUTS WITH SEPARATE CONNECTORS FOR MICROPHONES OR PHONOGRAPH PICKUPS
- ★SEPARATE TREBLE AND BASS CONTROLS
- ★DISTORTION ONLY 2% AT 30 WATTS
- ★FRONT "ON-OFF" SWITCH—PILOT LIGHT—FUDED

By means of a newly designed circuit greater power output results with less than normal dissipation. Hum is 20 db. lower than on average amplifier regardless of volume control setting. Tone controls are finely tapered for maximum efficiency. Latest model of this popular sized amplifier. Highly perfected for a wide variety of applications. With adequate power for indoor audiences up to 2000 people; it is an ideal unit for theaters, churches, ballrooms, railroad

terminals, etc. Outdoor area coverage up to 30,000 square feet.

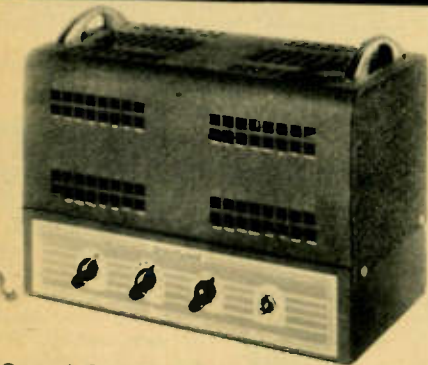
Cabinet is made of sheet steel finished in beautiful blue-gray enamel. Handles are recessed on side of cabinet. Dimensions: 17 1/2" x 14" x 10". Complete with tubes. Shpg. wt. 32 lbs. A remarkable value in an efficient, finely constructed unit.

Model 3L-1—  
Your Cost (inc. tubes) **\$49.95**

### SPECIFICATIONS

Maximum power output	30 watts	Output impedance	3 and 6 ohms
Distortion	2%	Frequency response	50-10000 c.p.s.
Gain	105db (each input)	Tubes	2-7B4, 1-7N7, 4-6V6GT, 2-6X5GT
Input circuits	2 high impedance	Power consumption	100 watts
	Peak power output		

## BRENTWOOD 14-WATT AMPLIFIER



- ★FOR AUDIENCES UP TO 800 IN-DOORS
- ★AREAS UP TO 4000 SQUARE FEET OUTDOORS
- ★MIXING AND FADING FEATURES
- ★2 INPUT CHANNELS
- ★PUSH-PULL BEAM POWER OUTPUT

One of America's finest amplifiers. All the features and built-in performance you need to handle a multitude of PA requirements.

ing between channels. A variety of output impedances are available to permit the use of several combinations of speakers. Instrument

Outstanding for its ability to impart true, rich, and natural tonal quality. Push-pull beam power output provides fine volume level with minimum of distortion. Inputs are provided for one microphone and one phono record player, with individualized jacks to prevent plugging inputs into wrong channels. Operates on 110-120 volts, AC, 50 to 60 cycles consuming 80 watts. Duo-stage noiseless mix-

tured on panel. Tubes used: 1-7C7, 2-7C5, 1-5Y4G. High gain to microphone channel to accommodate conventional high impedance type of microphone. Finished in a beautiful light blue wrinkle with handles located for portability. Dimensions: 13" x 7" x 8 1/2". Shpg. wt. 23 lbs.

Model K14  
Your Cost (inc. tubes) **\$32.50**

## Save 50% of Servicing Time!



## HOWARD W. SAMS Radio "PHOTOFACT" Service

- ★FAST—EFFICIENT—NO NEED TO WAIT FOR SORELY NEEDED FACTS
- ★INEXPENSIVE—COSTS ONLY 3c TO 5c FOR EACH FOLDER
- ★30 RADIO SPECIALISTS FOR PRACTICAL RADIO SERVICE ANSWERS

The time to have information about new receivers is when they reach the market. This is the service that the PHOTOFACT folders give to you, usually before the RMA guaranty period has expired. There is no reason to have to wait a year or to thumb through a cumbersome cross index to find obscure facts on servicing. Here is the information you receive in this new, fast, efficient manner:

Analytical data obtained from actual work on each receiver. Photos on each chassis from numerous angles to assure easy identification of parts. Voltage and resistance measurements at each tube prong. Physical and electrical specifications, plus available part replacement numbers, of all components. Data

on alignment procedure, stage gain, and other specific information.

Each envelope contains at least 30 folders and many times as many as 50, wholly depending on the complicated nature of the receiver. Tests show that Photofact saves half of your time when servicing. The purchase of group No. 1 will automatically give you a membership in the Howard W. Sams Radio Institute. Practical answers to any question about radio service will be handled by thirty specialists. Send for your folders now—or write for FREE descriptive information and a sample folder. C19787—Photofact Folder Set #1. **\$1.50** Postpaid. Contains 49 Folders. C19788—Free descriptive literature.

## CHERRY Rivet Jr. Kit



### ★Real "Blind" Riveting from One Side of Work

Now you can rivet almost anything anywhere—make tight, neat joints with rivets that do not work loose like screws or bolts. Operates on same

principle used on billions of rivets on aircraft during the war the famous "pull rivet" principle. Materials that previously could not be fastened this way—brittle and soft materials are now handled easily. Action is gentle but firm. No pounding, hammering, or bucking. All accomplished with a steady, controlled PULL. Complete with a generous supply of rivets. Try it out on anything that needs fastening. Do difficult jobs with it. A proud addition to your workbench.

Only **\$2.46**

### NOTE

For a complete listing of amplifiers, sound equipment, and other electronic material write for our new Catalog 4-46. Many hard-to-get items are included in this issue. Your inquiries will receive our prompt attention.

## ELECTRONICS by Coyne



This valuable book by Coyne is a handy fact packed manual written in a thoroughly practical easy-to-understand language. Describes the different kinds of tubes, their publications, servicing, testing and trouble shooting. Diagrams and illustrations galore. 412 pages.

C20292—  
Your Cost **\$4.95**

## MALLORY-YAXLEY Encyclopedia 5th Edition

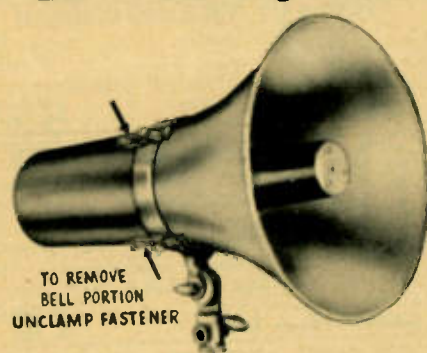


Latest, biggest, most valuable issue. Contains all the essential service information on all prewar receivers, including all the makes and models listed in former MYE's plus

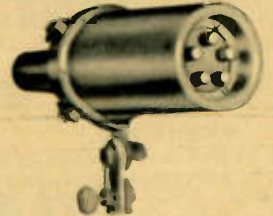
an additional 4000 sets. A 25% increase in the number of new listings, makes it the largest publication ever printed containing complete, accurate replacement information on all major radio components. Incorporates all references up to and including Rider's Volume XIV. C19786—  
Your Cost **\$1.25**

## EXCEPTIONAL VALUE FOR IMMEDIATE DELIVERY

### 25-Watt Exponential Sound Projector



TO REMOVE BELL PORTION UNCLAMP FASTENER



REAR VIEW

- ★ Permits 50% reduction in amplifier power.
- ★ PM type driver unit. Requires no field current.

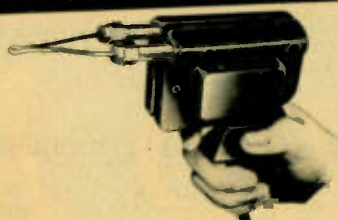
Designed especially for high quality all-purpose use. Trumpets are of steel, bonderized and painted olive drab. Transformer terminals brought out to back of trumpet binding posts are of heavy duty type. Terminal board is recessed for terminal protection against rough handling. Highly efficient units with exceptionally fine tonal qualities for use in skating

- ★ Hermetically sealed line transformer built in.
- ★ Weather proofed for all outdoor or indoor use.
- ★ Reduces feed back. Permits more "mike" locations.
- ★ Two piece construction can be disassembled in 30 seconds for portability.

rinks, parks, stadiums, factories, gymnasiums, and many other types of installations. 15 ohm voice coil, line transformer to match 250, 500, 1000, and 2500 ohm line. Trumpet 19 1/2" long x 13 1/2" dia., with universal mounting clamp for any 1/4" o.d. pipe. Shpg. wt. 34 lbs. **\$29.95**  
5B9540—Your Cost

## A SENSATIONAL NEW TYPE OF SOLDERING IRON

### SPEED IRON



This iron is the first really new idea in soldering tools. Operating on the resistance welder principle giving a high current at a very low voltage. No time is lost waiting for the iron to heat up. No heat is wasted keeping the iron hot—pull the trigger when ready. Working at arms length is over—the pistol grip gets you in close. No bulky tip to get in the way—you can always see where you are working.

- ★HEATS AND COOLS IN 5 SECONDS
- ★GETS INTO TIGHT CORNERS
- ★EASY TO HOLD
- ★EASY TO TIN

Tips stay tinned, can be bent to get into difficult positions, and have a low replacement cost. Impact resisting case houses air-cooled transformer. Modernize your soldering tools now. 100 watts, 115 volts, 60 cycles.

C15183—  
Your Cost **\$12.69**

C15182—Extra tip your cost .5c

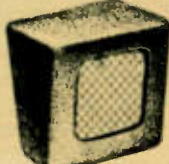
## CONCORD Walnut Baffle



Here is something ultra-new in quality speaker baffles. Sturdily built framework of heavy seven-ply veneer plywood paneled with a handsomely cut one-quarter plywood front panel. Two grooves on both sides of baffle give extended back-wave when mounted flush against walls or panels. Measures: 14 1/4" wide, 16 1/2" high, 8 1/4" deep at top and 5 1/4" deep at bottom.

C20051—Each **\$5.25**  
Lots of 2—Each 4.95

## CONCORD Wall Baffles



Efficient enclosed speaker baffles with correctly angled front faces to provide coverage over a wide area. Sturdily built of selected hardwood. Brown leatherette covered. Average weight 6 lbs.

No.	Speaker	H. W. D.	Each
C20055	10"	14x12x 8 1/2	\$3.23
C20056	12"	15x14x10	4.10

## TURNER Type 99 DYNAMIC



This exceptionally rugged mike features efficiency and dependability at low cost. It is immune to temperature and climatic changes. It fits any standard stand, and the adjustable saddle gives choice of semi- or non-directional operation. Cable connector allows quick, easy cable changes. Gunmetal type finish. Level 59DB. Range 40-9,000 cycles. With 20-ft. cable set and diagrams. High-impedance.

C13766—Your Cost **\$19.99**

## KWIKHEAT 225W Soldering Iron



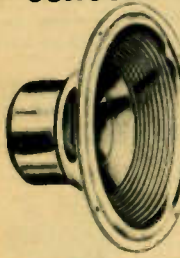
Plenty of power—225 Watts—for almost every job, yet extremely lightweight—only 14 ounces. Has built-in thermostat that prevents overheating, insures safety, reduces current consumption and increases the life of the iron and tip. Quick-heating, ready in 90 seconds. Tough plastic handle keeps grip cool. UL approved.

C15121—complete with cord, plug and No. 1 tip. Your Cost **\$8.25**  
Lots of 6 Each \$7.34

Interchangeable Tips For Above Iron  
Six tips available for above iron. No. 0 small tapered point. Nos. 1 and 2 gradual tapered points with No. 2 more blunt. No. 3 flat point, right angle turn. No. 4 extra heavy with chisel point. No. 5 melting pot.

Stock No.	Type	Each	Stock No.	Type	Each
C15122	0	94¢	C15125	3	94¢
C15123	1	94¢	C15126	4	94¢
C15124	2	94¢	C15127	5	94¢
C15128	Set of 5 tips (0, 2, 3, 4, 5)	\$4.13			

## CONCORD 12" PM Dynamic



These highly efficient PM speakers utilize the latest type magnets to insure extremely fine quality. Will handle great audio output without distortion. Frequency response covers the entire audible range. Construction features include: plated metal frames, ruggedly assembled; dust-proof magnets covered by removable pressed fibre housings. Ideal for P.A. Systems, fine radios, centralized systems, etc. Less transformers.

No.	Model	Watts	Voice Coil	Mag. Shpg.	Each
C19222	P12	10	15 ohms	12 oz. 7 lbs.	\$7.61

## UNIVERSAL Line and Tube Transformers For Above Speakers

Univ. Line	Univ. Tube	Each
C19190	C19194	\$1.22

## High Quality Floor Stand



Adjustable smoothly and noiselessly, and provided with weaver, sure-grip automatic friction clutch for firmly locking the stand at any height. Has tubing of heavy gauge metal, triple chrome plated. 3/8"-27 thread to fit standard mikes. Extends from 35" to 68". 10" dia. base with black crinkle finish. Shipping weight 19 lbs.

C22047—Each **\$4.69**



**30/50 MFD ELECTROLYTIC**

Wax sealed two section condenser, one 30 mfd and one 50 mfd with common negative. Both sections rated 150 working volts D.C. Color coded flexible wire leads. Mounting bracket for easy installation. Size: 3"x1" diameter.

5B3215—Your Cost **79¢**

**ALNICO V 5" P.M. SPEAKER**

Uses the new Alnico V magnet that provides maximum performance with minimum weight. Normal wattage 3, peak wattage 4 1/2. V.C. impedance 3.2 ohms. depth 2 3/16". Shpg. wt. 1 1/4 lbs.

5B7009—Each **\$1.98**

**OIL FILLED PAPER CONDENSER**

.05 MFD 600 working volts DC. Oil impregnated and oil filled. Metal can with cardboard insulating sleeve. Furnished with mounting bracket. Has pigtail wire leads.

5B3213—Each **19¢**  
5B3214—Same as above less bracket. **17¢**



**Available NOW!**  
**Radio Parts and Equipment**  
**at New Low Prices**

**In STOCK**  
**Ready to SHIP TODAY!**

You've waited a long time for these values and NOW we have them in stock ready to ship immediately upon receipt of your order. We've got amplifiers and testers, record players and record changers, transformers and speakers and scores of other radio parts and electronic equipment. Many of these items have been practically impossible to obtain for

months and even years in some cases. Prices represent substantial savings that offer an added incentive to buy NOW! On most items we have a substantial stock. On some our quantities are limited. So, if you need any of the merchandise listed on this and the following pages, send in your order TODAY and avoid being disappointed.

**IF IT'S NOT HERE—SEE OUR CATALOG 4-46**

Of course, in this supplement we have listed only some of the new, postwar equipment currently available and a small portion of our special values. So if what you need is not listed here, be sure to check our big

complete 112 page catalog No. 4-46 where you will find the regular complete lines of standard merchandise that our limited space does not permit listing here. If you have not received a copy of Catalog No. 4-46 (illustrated at the left), send for a copy TODAY. It's the reference book of the industry and every radio man should have a copy for reference and ordering.

**Reliance LITZ-WOUND AC-DC COILS 175-550 METERS**

Matched high-gain coils furnished unshielded for use in t.r.f. receivers. High impedance primaries with 4-bank Litz-wound secondaries. 2 1/4" long, 1/4" diameter. Tunes with .000365 mfd., condenser. With mounting brackets and diagrams.

C10012—Antenna coil **38¢**  
C10095—R.F. Coil **74¢**  
Your Cost Each  
C10096—Set of 2  
Your Cost

**Reliance SHIELDED LITZ-WOUND R.F. AND ANTENNA COILS COVERS 175 TO 550 METERS**

Will service over 90% of the receivers on the market. Have high-impedance primaries for screen-grid tubes, and Litz-wound secondaries. Completely shielded in round metal cans 1 3/4" diameter, 2 1/4" high. Wound for .000365 mfd. condensers. With diagrams. Two 6-32 spade bolts for mounting.

C10077—Antenna Coil. **49¢**  
C10085—R.F. Coil. **49¢**  
Your Cost, Either Type

**5-TUBE KIT**

C10073—Comprises one antenna and two r.f. coils with instructions and diagrams. 175-550 meters. **\$1.43**  
Your Cost

**4-TUBE KIT**

C10071—Comprises one antenna and one r.f. coil with instructions and diagrams. 175-550 meters. **95¢**  
Your Cost

**NEUTRALIZING TOOL KIT**

12 Tools Telescope into 5 Units

This kit is composed of alligator side wrench, 6" insulated driver—metal nib, 5/16" and 1/4" nut wrench, 1/4" insulated square nut wrench, 1/4" hex metal side wrench, 2 1/2" insulated driver with metal nib, 1/4" hex slotted insulated wrench driver, 5/16" hex insulated nut wrench, 5" and 6" insulated driver.

5B6547—Your Cost **\$2.49**

**LINE MATCHING OUTPUT TRANSFORMER**

Hermetically sealed, shielded transformer for use in remote line amplifiers, preamplifiers to output amplifiers, etc. Primary 15,000 ohms, secondary 500 ohms. Plate current 10 MA. Size 2 1/4"x1 1/2"x1 1/4"

5B5125 **\$1.95**

**OUTPUT TRANSFORMER**

Single Output tube 7M ohm to 4 ohm V.C. 30 mils. 1 3/4"x1 3/8"x2" mounting lug centers. **55¢**  
C1612

**I. F. TRANSFORMERS**

Permeability tuned IF transformer mounted in aluminum shield can. Screwdriver slots for tuning in side of can. 456 KC. Unit also contains small by-pass condensers, with leads to connecting lugs. R.M.A. color coded. Overall size, 3x1 1/2 x 1 1/2"  
5B5096—Your Cost **79¢**

High quality double-tuned aircore IF transformers in matched sets. Double tuned with compression type mica trimmers from top of can. RMA color coded full length leads. Shpg. wt. 1 lb.  
C10069—456 KC Input. 1 3/4"x1 3/8"x3"  
C10070—456 KC Matched Output. Size 1 3/4"x1 3/8"x3"  
Your cost, any type, ea. **56¢**

**TOOL ROLL**

Simulated leather. Has a strap slotted with 15 slots for the carrying of several pliers, screwdrivers, socket wrenches, etc. When tools are packed in this roll, it results in a neat and compact portable tool kit.  
5B9521—Your Cost **29¢**

**STANCOR UNIVERSAL OUTPUT TRANSFORMER TYPE A 3856**

Primary for all single or push-pull plates. Secondary adjustable from 1 to 30 ohms. 2" mounting centers. 4 watts at 35 mils.

C1675—Your Cost **\$1.32**

**10H 40 MA. CHOKE**

Extremely compact highly efficient choke particularly well suited for use in auto radio receivers and AC DC radios. Also excellent filter chokes for use in other receivers and amplifiers. 1 3/4"x1 1/4"x1 1/4". Unshielded strap type mounting. Shipping wt. 1 lb.  
C1601 **46¢**

**30 HENRY FILTER CHOKE**

Inductance 30 henry, 50 ma. maximum d.c., resistance 450 ohms. Size: 2 1/2"x1 3/4"x2 1/4". Well made, heavy duty choke suitable for servicing and experimental use. Shpg. wt. 2 lbs.  
C246—Your Cost Each **75¢**

**10H 50 MA. CHOKE**

Highly efficient, small in size. Wide variety of uses. Unshielded strap type mounting. DC resistance 475 ohms. 2"x1 1/4"x1 1/4". Average shpg. wt. 1 lb.  
5B5126—Your Cost **67¢**

**VOLUME CONTROLS**

Of Nationally known manufacture, with standard 1/4" shafts, supplied less switches and mtg. nuts. Standard 1/4" bushings.  
C8158—13,000 ohms, shaft 3/4" long.

C8161—750,000 ohm, shaft 1 1/4" long. **21¢**  
Your Cost  
Each **19¢**  
Lots of 10. **19¢**  
Each

**1/2 MEG. TONE CONTROL**

A low noise level carbon control only 1 1/4" in diameter. Has milled, flatted shaft 2 1/4" long notched for easy cutting. Standard 3/32" bushing. Order in quantity and save.

C8128—Your Cost **40¢**

**Lots of 10 Each 45c Lots of 100 Each 42c**  
**10 WATT "KOOLOHM" FIXED RESISTORS**

Insulation has high dielectric strength, withstands red heat and is impervious to moisture. Units are encased in tubular ceramic shells which permit mounting in contact with metal parts without shorting.

Stock No.	Ohms	Price
5B122	10	<b>19¢</b> ea.
5B123	100	
5B124	4000	
5B125	10,000	

**CHROMIUM PLATED STEEL CASE**

A beautifully built, highly polished chromium plated steel case, ideal for test equipment, oscilloscopes, amplifiers, etc. Has removable bottom, ventilating louvres on all sides, particularly sturdy for use with heavy equipment. Measures 9 3/4" high, 7 1/4" wide, and 12 1/4" deep, with 2 1/4" diameter hole in front panel, and 1 1/4" hole in top panel.  
C22276—Your Cost **\$1.95**

**"ZIP" WIRE STRIPPER**

Strips wire instantly! Fasten wire stripper to bench or other support. Adjustable stop enables wire to be stripped to any length. Pivoted blades will strip insulation clean in one operation. Suitable for any wire up to 12MM diam. Special grooved blades are furnished extra for larger wires. 2"x2"x2 1/2".  
C15268—Each **98¢**

**CONCORD RADIO CORP.**

CHICAGO 7, ILL.  
901 W. JACKSON BLVD.



ATLANTA 3, GA.  
265 PEACHTREE STREET