

**AGAIN WE SAY...**



**WE  
WILL NOT BE  
UNDERSOLD!**

**PROVE IT!**  
**LOOK  
AT THESE  
SMASHING  
REDUCTIONS!**

**SUMMER SUPPLEMENT** *to Catalog No. 54*

**WHOLESALE RADIO SERVICE CO., INC.**  
**100 SIXTH AVE.**

**CORNER GRAND ST. (ONE BLOCK ABOVE CANAL) NEW YORK**

# LAFAYETTE CUSTOM BUILT A.C.-D.C. PORTABLE SUPER-HET!



## For BROADCAST and POLICE BANDS

Here is the first A.C.-D.C. receiver that has the important features hitherto confined to A.C. sets costing twice as much. The Lafayette Nomad has an advanced superheterodyne circuit, dynamic speaker and the extended wave length range of 75-550 meters! It not only brings in all the regular broadcast stations but also scores of interesting police, television, airplane and amateur stations! It is extremely light and therefore portable, and can be used on any 110 volt current.

The  
**NOMAD**

\$ **16<sup>50</sup>**  
WITH TUBES

### LINE FREQUENCY NOT IMPORTANT

This set is universally adapted without adjustment to either 110 volts alternating current or 110 volts direct current. The superheterodyne circuit assures good sensitivity and selectivity. Sensitivity is rated at 15 microvolts (fifteen millionths of a volt) per meter. Selectivity is carefully adjusted so as to avoid cross modulation. The image ratio is relatively high, being rated at 600 to 1, which means a minimum of interstation disturbances.

### SIMPLE WAVE CHANGING DEVICE

Short wave reception from 75 to 200 meters as well as standard wave reception from 200 to 550 meters is effectively and readily secured through adjustment of a two-position switch. The control arrangement includes fan dial of direct connected type and three knobs: one for tuning, a second for volume control and the third for wave changing. No movable or plug-in coils are employed.

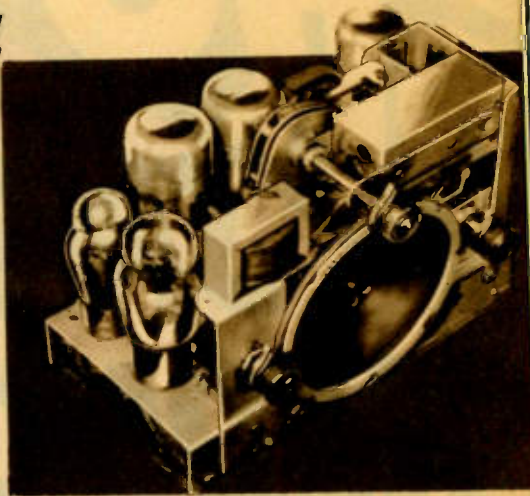
### DYNAMIC SPEAKER USED

The full five-inch dynamic speaker assures a high degree of fidelity in program reproduction. The power output is one watt which represents more volume than the average room requires.

### NEW HIGH VACUUM RECTIFIER

The tube combination is as follows: Two type 77 and one type 78, one type 43, and one type 25Z5. The use of the new 25Z5 high vacuum rectifier, instead of the usual mercury vapor tube, assures a minimum of tube trouble and also the minimum use of resistance in the power line circuit. The overall operating temperature of the receiver is therefore low and the life of the tubes and parts greater. Power consumption is only 40 watts.

The intermediate amplifier stage is permanently tuned and sealed at the factory, thus eliminating a possible source of servicing trouble.



### HANDSOME MODERN CABINET

The cabinet of the Nomad is simple but very striking in appearance, with a marquetry inlay and a cross-grain pattern of effective design. The loud speaker opening is adequate for sound distribution but not so conspicuous as to be distracting to the eye.

Model L-20—Lafayette Nomad 5-tube A.C.-D.C. Superheterodyne, complete with tubes, for 110 volts D.C. and 110 volts, 25-60 cycles A.C. Dimensions: 11 x 8 x 6 inches. Shpg. wt., 14 lbs. Code Advise. List \$35.00. Your Cost ..... **\$16.50**

Also available in 220 volts. Your Cost **\$19.00**  
Genuine Suede Carrying Case for Lafayette Nomad. Fastened with zipper, \$1.25, snap button .95.

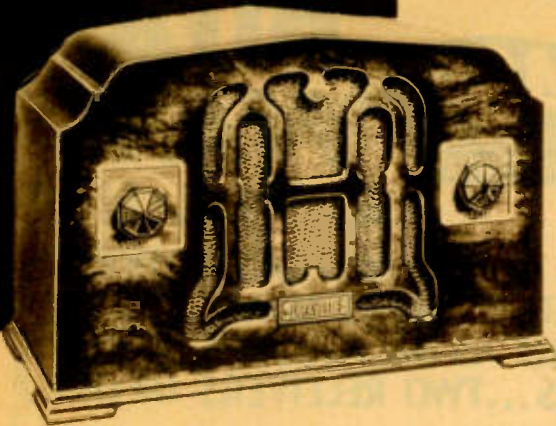
No Federal Tax to be Added to any of our prices.

**New!**

# LAFAYETTE "PIGMY"

**\$14.95**  
WITH TUBES

## 5 TUBE A.C.-D.C. SUPER-HET REAL DYNAMIC SPEAKER



Midget in size—giant in performance—the Lafayette PIGMY, a real superheterodyne, using a three gang condenser, and a dynamic speaker. Employs all the latest tubes, 1—77, 1st det. osc., 1—78, I.F. stage, 1—77, 2nd det., 1—43 power tube, and 1—25Z5 rectifier, in an ultra modern circuit, which results in one of the most selective, most sensitive receivers available. Tone and volume equal to that of full sized mantel receiver.

And a real "Pigmy" too! Measures only 5¼ inches deep, 7¾ inches high, and 11 inches wide. Finished in African walnut, with an attractive grille and escutcheoned front.

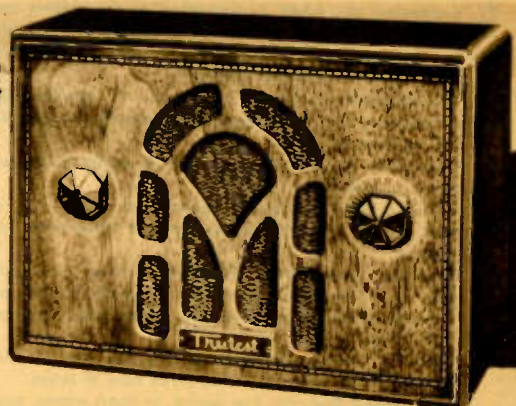
**PORTABILITY.** Works on any current, A.C. or D.C., for Camps, Hotels, Offices, Hospitals, or any place where there is electricity. No antenna. No ground. Just stretch the short piece of wire, included with set, behind the table.

Model M99 5 tube A.C.-D.C. "Pigmy", 110-120 volts, 25-60 cycle, A.C. or direct current operation. Complete with tubes.

Code Roset. Shpg. wt. 12 lbs. List Price \$30.00. Your Cost **\$14.95**  
Genuine Suede Carrying Case. Fastened with zipper, \$1.25. With snap button, 95c.

## Trutest 4 tube A.C.-D.C. "COMPACT" with an OVERSIZE DYNAMIC SPEAKER!

**\$10.75**  
WITH TUBES



Can be used on automobiles by changing 43 tube to a 41. For Adapting to Automobiles E-5257. Complete kit consisting of suppressors, 41 tube and necessary cable. Your Cost **\$3.60**

Special attachment for use on 220 volts A.C. or D.C.—25 60 cycles. Your Cost **\$1.50**

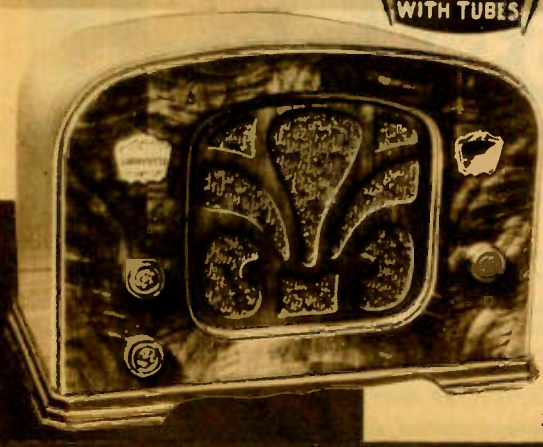
Genuine Suede Carrying Case Fastened with Zipper, \$1.25. With snap button, 95c.

For the home, automobile, hotel, office, camp and farm. Imagine! A real efficient receiver—employing all the latest tubes: 1—type 6E7 R.F. Amplifier; 1—type 6D7 Power Detector; 1—type 43 Power Pentode and 1—type 25Z5 Rectifier. Oversize dynamic speaker, 5½ inches in diameter, assuring finest tone. Another Trutest development! All housed in a beautiful burl Walnut cabinet with marquetry inlay, measuring only 6¾ inches high, 5 inches deep and 9¾ inches wide. Selective, tool with sensitivity, volume and tone comparable with a big console set. Requires no ground and in most locations works perfectly with only a short piece of wire extended along the floor. Portable—can be used in any location where there is 110 volt electric supply. Ideal for that summer camp!

Model T21 Trutest 4 tube A.C.-D.C. receiver complete with tubes for 110 volts D.C. and 110 volts 25-60 cycles A.C. Shpg. wt. 11 lbs. Code Persa. List \$25.00 Your Cost **\$10.75**

**\$19.95**  
WITH TUBES

## LAFAYETTE DE LUXE 6 tube A.C.-D.C. SUPER-HET



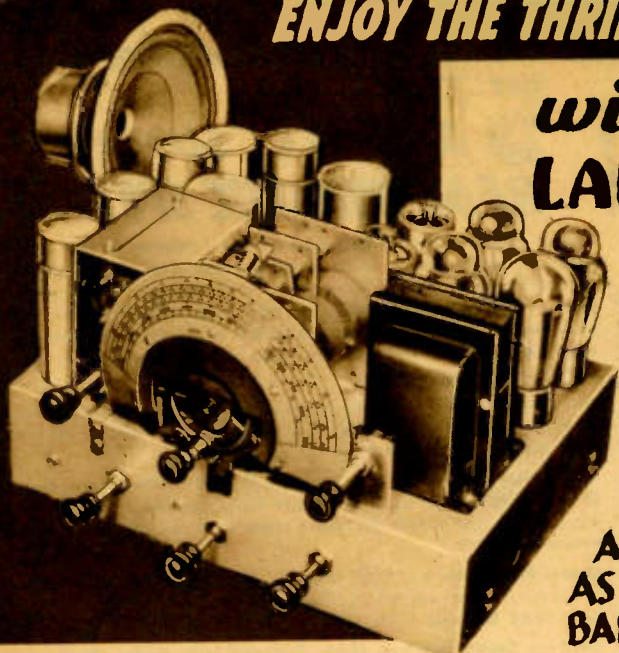
Here is a 6 tube universal A.C.-D.C. superheterodyne that is really a custom built receiver. Uses the latest type tubes: 1—43, 1—25Z5, 1—6A7, 1—78, 1—75, 1—37. Range: 200 to 550 meters.

With 15 microvolt per meter sensitivity and 10 kilocycle selectivity, this Lafayette receiver with its super dynamic speaker is a real performer, with volume enough to supply dance music and tone quality of the highest order. Has full automatic volume control, tone control, gang condenser, vernier dial with tracking pilot light and special line filter to keep out noise. Total power consumption only 35 watts. Handsome table model cabinet is finished in American walnut, a beautiful and durable wood. Stands 8¼ inches high, 11½ inches wide and 7½ inches deep.

Model P36 Lafayette 6 tube A.C.-D.C. Receiver complete with tubes for 110 volts D.C. and 110 volts 25-60 cycles A.C. Shpg. wt. 14 lbs. Code Ledra. List Price, \$39.50. Your Cost **\$19.95**

**SPECIAL EUROPEAN A.C.—D.C. COMPACT SETS**  
200-2000 meters available. Prices quoted on request.

**ENJOY THE THRILLS OF FOREIGN RECEPTION!**



with a  
**LAFAYETTE 10 tube**

**\$48<sup>50</sup>**  
CABINET MODEL  
WITH TUBES

**DUAL  
WAVE  
SUPER-HET**

**15 TO 550 METERS...COVERS  
ALL THE SHORT WAVE STATIONS  
AS WELL AS THE REGULAR BROADCAST  
BANDS...TWO RECEIVERS IN ONE!**

**HANDSOME MODERN CABINET**

The Lafayette 10-Tube Dual Wave comes in an extremely fine cabinet. Of modern design, finished in American walnut with a front panel of lacewood, it is the identical cabinet used for the Lafayette "Trio" Wave Set and is illustrated below.

**EVERY** modern radio circuit feature known to the engineering profession has been incorporated in the custom built DUAL WAVE by Lafayette engineers. All of the following features contribute to the efficiency of the receiver on both the short waves and the regular broadcast waves:

1. **Pre-Selection**—a 3-gang condenser, in combination with a low frequency I. F. amplifier, affords selectivity beyond anything achieved before.
2. **Automatic Volume Control**—acts instantly to cut out station blasting and to reduce fading.
3. **Static Control**—eliminates condition caused by automatic volume control flooding set with power when tuned off carrier of station.
4. **Freedom from Code Interference**—low intermediate frequency of 115 kc. keeps annoying telegraph signals out of set.
5. **Tone Control**—enables user to adjust tone response to suit his own taste.
6. **Class "B" Audio**—tremendous power without distortion with a finely engineered circuit using three type 59 tubes.
7. **Twin Speed Dial**—for fine tuning on short waves, quick tuning on broadcast bands. Directly calibrated dial.
8. **Increased Sensitivity**—permits the reception of distant stations inaudible with other receivers.
9. **Favorable Image Ratio**—eliminates cross modulation and mysterious whistles.
10. **Enduring Construction**—all-metal chassis lasts forever.
11. **Latest Tubes**—set uses 3-59, 2-57, 3-58, 1-55, 1-80.

Model E-20—Lafayette 10-Tube Dual Wave Superheterodyne chassis, with matched dynamic speaker and tubes, for 105-120 volts, 50-60 cycles A.C., less cabinet. Dimensions: 13½ inches wide, 10 inches deep, 9 inches high. Shpg. wt. 38 lbs. Code Bucks. List, \$93.50. Your Cost, less Cabinet..... **\$43.75**

Model E-21—Same as above but for 200-240 volts, 25-60 cycles A.C. Shpg. wt. 43 lbs. Code Bronte. List, \$100.00. Your Cost..... **\$46.75**

Model E-22—Lafayette 10-Tube Dual Wave Superheterodyne receiver in table model cabinet shown below, complete with speaker and tubes. Dimensions: 19 inches high, 16 inches wide, 11½ inches deep. For 105-120 volts, 50-60 cycles A.C. Shpg. wt., 55 lbs. Code Bingo. List, \$105.00 Your Cost. **\$48.50**

Model E-23—Same as Model 22 except for 200-240 volts, 25-60 cycles A.C. Shpg. wt. 60 lbs. Code Berics. List \$110.00. Your cost..... **\$51.50**

**LAFAYETTE 10 TUBE**  
**15 to 2,000 METERS**  
**SHORT, MEDIUM AND LONG WAVE**

**TRIO WAVE SUPERHETERODYNE**

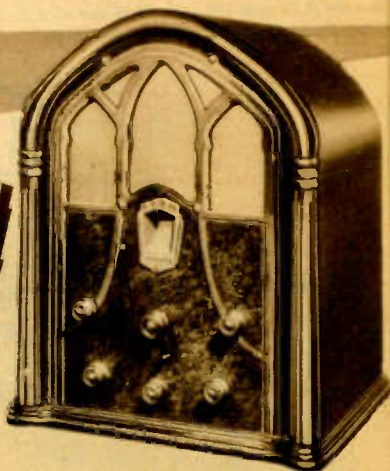
The new Lafayette 10-Tube "Trio" Superheterodyne is truly an international receiver as it tunes to all the short wave channels, the regular 200-550 meter broadcast band and also the European 850-2000 meter broadcast range. The whole world is at the fingertips of the owner of a "Trio"!

Amateur, Coast Guard, Police Calls and Foreign Stations on the Short Wave Band—American Stations on the Broadcast Band—Foreign Stations on the long wave band.

In addition to the 850-2000 meter band, it uses the same tube combination and has every one of the outstanding features of the 10-Tube Dual Wave Lafayette set described above.

Model E-204—Lafayette 10-Tube "Trio" Superheterodyne chassis, with matched dynamic speaker and complete with tubes. For 110-220-240 volts, 25-60 cycles A.C. Dimensions 9 x 10 x 13½ inches. Shpg. wt. 42 lbs. Code Bemar. List Price \$102.00. **\$49.75**  
Your Cost, less Cabinet.....

**\$53<sup>95</sup>**  
WITH TUBES



Model E-226—Lafayette 10-Tube "Trio" Superheterodyne receiver in cabinet measuring 19 x 16 x 11½ inches, complete with tubes and speaker. For 110-220-240 volts, 25-60 cycles A.C. Shpg. wt. 50 lbs. Code Bonde. List Price \$110.00. **\$53.95**  
Your Cost, with Cabinet.....

**NOTE: When ordering "Trio" wave receiver please advise voltage requirements.**

# REVOLUTIONIZING THE COMPACT RECEIVER!

Choose Your Wavelength!  
Short Wave—Broadcast—  
European Long Wave

BROADCAST MODEL WITH TUBES \$9.95



The CHUM

**Model S45**—Same as above, except wave length range, 15 to 200 meters only. Code: Wombo.  
List Price \$27.50  
**Your Cost \$13.75**

**Model P34**—Same as above, except wave length range, 200 to 2000 meters only. Code: Wamta. In wooden cabinet.  
List Price \$27.50—**Your Cost \$15.95**

Genuine Suede Carrying Case. With zipper \$1.25, with tubes \$0.95.

Three distinct receivers to choose from. Each a masterpiece in radio engineering. Truly a Trutest triumph. For the camp, hotel, office, or your home there is the regular 175 to 555 meter set. If you are already the owner of a fine broadcast receiver, and desire a simple short wave set for receiving police calls, television, airplane, amateur stations, and all the other thrills that go with this phase of Radio, there is a separate model for these wavelengths. If you reside in a locality where there are stations operating on the long waves, 1000 to 2400 meters, Trutest engineers have designed a receiver for this band. The Trutest Chum is a friend of everyone!

### USES LATEST TUBES

A four tube TRF circuit employing 1-44 as an R. F. pentode, 1-77 pentode power detector, 1-43 power output pentode, and 1-2525 rectifier. Full 5" dynamic speaker. Cadmium plated steel cabinet finished in burl walnut, and fashioned in the latest mode. 8 3/4" wide, 6" high, 3 3/4" deep.

**Model S44**—Trutest Chum, 175 to 555 meters, 110 volts D. C. or 110 volts A. C., 25-60 cycles. Complete with tubes. Code: Walna. Shpg. wt. 12 lbs.  
List Price \$20.00 **Your Cost \$9.95**

Lafayette 5 Tube A. C.-D. C. compact in beautiful walnut inlaid cabinet, 200-2000 meters. Model P-35. **Your Cost**

**\$18.95**

with tubes

## National FB-7 Amateur Type Receiver



Designed primarily for the experienced amateur operator, is a 7-tube receiver with exceptional sensitivity, selectivity, stability, and other characteristics essential in order to contend with the crowded conditions of the amateur C. W. and phone bands. Employs two stages of high gain I. F. amplification (six tuned circuits) while individual filtering of all circuits, including the oscillators, together with thorough shielding, results in unusual stability. Absolute single control tuning; utilizes band spread and full range coils. All necessary adjustments made from front panel. Very compact, being only 11 1/2 x 12 inches. Can be operated from filament transformer and B batteries. Completely wired, less tubes, coils and power supply. Shpg. wt. 28 lbs.

**N13866**—List \$45.00. **Your Cost \$26.46**

FB-7A receiver, same as above except utilizing the air dielectric tuned I. F. transformers, Litz wire wound.  
**N13867**—Less tubes, coils and power supply. List \$53.00. **Your Cost \$31.16**

FBX receiver, equipped with crystal holder and crystal for single signal reception. Less tubes, coils and power supply.  
**N13870**—List \$65.00 **Your Cost \$38.22**

FBXA receiver with crystal, has air dielectric tuned I. F. transformers, Litz wire wound. Less tubes, coils and power supply.  
**N13871**—List \$73.00 **Your Cost \$42.92**

Complete kit of tubes for above: 1-56, 1-57, 2-58a, 1-59, 2-24\* \$6.43 **Your Cost \$6.43**

**N13868**—General coverage coils, 20 to 33; 27.2 to 42.8; 39.4 to 66.6; 55.5 to 88; 81 to 115.3 meters. Five sets of coils in pairs. **Your Cost per Pair. (Specify Coil Range desired) \$5.88**

**N13869**—Band Spread Coils in pairs, for 20, 40, 80 and 160 meter bands, covering phone and C. W. portions. **Your Cost per Pair. (Specify Coil Range desired) \$5.88**

**N15858**—No. 5887-AB Power Supply Less Tube **\$14.40**

## National SW-3 3 Tube Thrill Box

The sensitivity of the SW-5 is so great that the push-pull stage is seldom, if ever, used when the receiver is being employed in amateur communication work or by expeditions for maintaining contact with their base stations. The SW-3 thrill box employs the same circuit, and all other essential features, as the famous SW-5, except for a more compact layout and the elimination of the last or P. P. stage. It is designed especially for aircraft, portable and amateur communication use. A highly desirable feature found only in this receiver is the calibrated volume control, which thus serves as an audibility meter. Utilizes 2-58's and 1-27 tubes. Can be operated from a filament transformer and 135 volt B batteries. Shpg. wt. 20 lbs. Less tubes and coils.  
**N13817**—List \$24.50. **Your Cost \$14.40**

Complete with three sets of band spread coils for 20-40 and 80 meter bands. Less tubes.  
**N13818**—List \$38.75. **Your Cost \$22.79**

Filament transformer and three B batteries for above receiver. **Your Cost \$5.67**



## National Type SRR Super Regenerative Receiver

A compact, efficient, three tube receiver employing a 36 Screen Grid Regenerative Detector, 37 Interruption Frequency Oscillator, and an 89 Pentode Audio Amplifier. Primarily designed for 5 meter work, the 56 and 60 MC band is spread over 75 dial divisions and regeneration is constant over the entire scale. The Interruption Frequency Oscillator is coupled to the screen grid of the detector, effectively isolating it from the audio circuits, and giving the optimum super-regenerative action. Utilizes plug-in coils, enabling receiver to be used on the 10, 20, 40, 80 and 160 meter bands as a conventional detector and one stage with the interruption frequency tube removed. Regeneration is smooth throughout the range and each band is adequately spread over a large portion of the dial. Requires a 6 volt, D. C. or A. C. supply and 135 volt B supply, either B batteries or A. C. operated power pack. Size, 7 3/4 x 7 3/4 x 7 inches high. Shpg. wt. 11 lbs. Completely wired. With 56-60 MC coil, less tubes and batteries.



**N13875**—List \$25.00. **Your Cost \$14.70**

Kit of matched tubes: 1-36, 1-37, 1-89 **\$2.94**

**Your Cost** **73c**

10, 20, 40 Meter Coils **\$1.03**

**Your Cost Each (Specify Band)**

80 and 160 Meter Coils **\$1.03**

**Your Cost Each (Specify Band)**

National 5886AB Power Pack for above receiver, employing 80 tube. **N13876** **\$20.58**

**Your Cost, Less Tube**

## Hammarlund Air Tuned Intermediate Transformers



Both I. F. transformers and oscillators employ air dielectric tuning condensers in connection with Litz coils of exceptional efficiency. These precision units are necessary wherever 100 percent efficiency and absolute stability are essential requirements. These air tuned I. F. transformers will retain their original settings to within 1/10 of 1 percent as compared with transformers using mica dielectric condensers that have a change of 2 percent or more in frequency. Designed for '57 and '58 type tubes but may also be used with 24's and 35's. Shield can is 2 1/2 x 5 inches high. Oscillator equipped with tuning lever to vary beat note. Shpg. wt. 1 lb.

**H8542** 465 K. C. I. F. Transformer  
**H8543** 465 K. C. Beat Oscillator  
**H8544** 175 K. C. I. F. Transformer  
List \$4.50

**Your Cost Either Unit**

**\$2.65**

## Bruno Coils for Wallace Hoover Cup Short Wave Set



Made especially for the Hoover-Cup prize short wave set. Most efficient S. W. coils made today. Wound with flat ribbon wire, 2 1/2 times more conductivity for H. F. currents. Newly designed bakelite ribbed forms reduce dielectric contact. Non-hydroscopic, more efficient and constant under all weather conditions. Complete set of four coils. Shpg. wt. 3 lbs.

**H10031**  
**Your Cost per Set**

**\$4.41**

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

# A LAFAYETTE

## A COMPLETE ALL-ELECTRIC AUTO RADIO

# Sensation!

**\$28<sup>50</sup>**  
WITH TUBES

Check these outstanding features carefully:—

**6 Tube Superheterodyne**

**ONLY 2 WIRES**

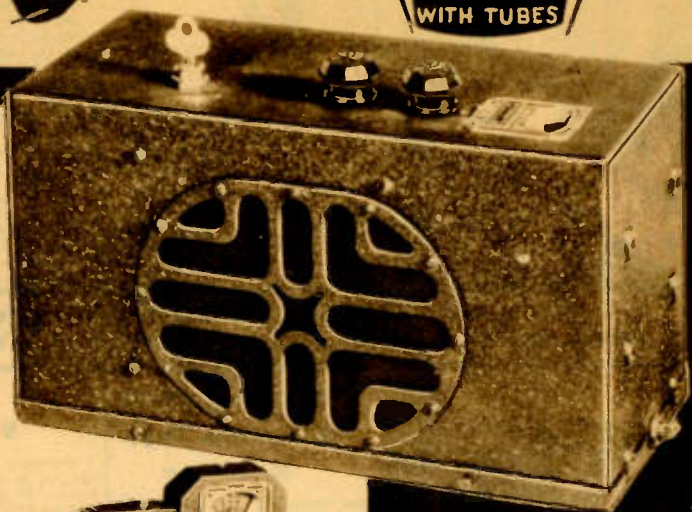
**ONLY 4.85 AMP. DRAIN**

**NEW TYPE TUBES**

**AUTOMATIC VOLUME CONTROL**

**NO DRY BATTERIES**

**SINGLE UNIT CONSTRUCTION**



This new Lafayette UNIVERSAL Auto Radio, is one of the first auto sets to take full advantage of the entirely new and improved series of low drain automobile tubes. It obtains all necessary power from the car's storage battery. Requires absolutely no "B" or "C" batteries! The total current drain on the storage battery is only 4.85 amperes!

The set is tuned directly from the chassis with one knob for tuning and the other for volume. An unusually fine remote control unit is available and easily attachable to the steering post for greater convenience in tuning. On the Remote Control unit, there is also a volume control and key lock switch.

### Six Tuned Circuits

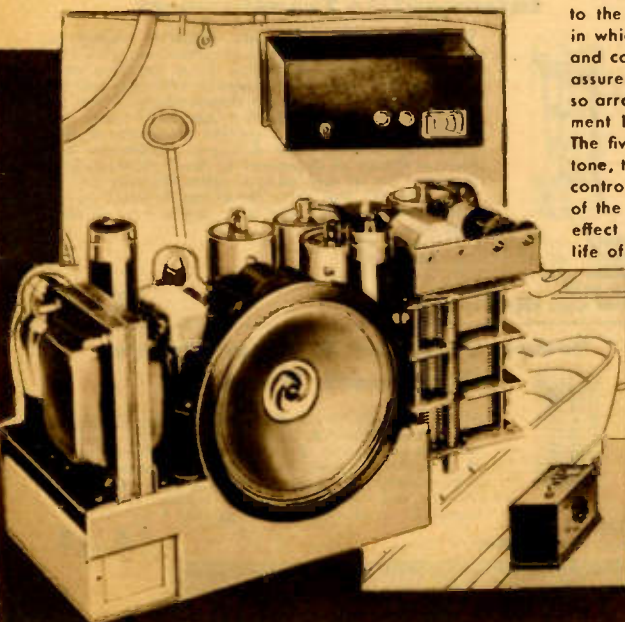
Six tuned circuits are used, with the tubes in the following arrangement: One type 77 advanced radio frequency pentode as both first detector (mixer) and oscillator. Two type 78 advanced vari-mu tubes in the radio frequency and intermediate frequency amplifier stages. One type 75 diode-triode as both second detector and first audio frequency amplifier. One type 41 advanced power pentode in the second audio stage. One type 84 high vacuum rectifier in the power unit. Sensitivity is rated at 1/2 microvolt per meter. Selectivity is carefully adjusted by proper choice of intermediate frequency to allow at last a 20 k.c. separation and still enable the set to be tuned easily.

### Unique Single Unit Construction

It is a masterpiece of compactness and efficiency, custom built throughout to the most rigid Lafayette specifications. The combined unit arrangement in which the chassis, power pack (8 battery eliminator), dynamic speaker and controls are all housed in a single container of 12 x 5 1/2 x 6 1/4 inch size, assures maximum adaptability to all makes of automobiles. The receiver is so arranged that it may be hung on brackets from the underside of the instrument board or placed on the floorboards alongside of the driver's seat. The five-inch dynamic speaker gives abundant volume with perfect clarity of tone, the output of the set being one watt. The diode type automatic volume control tends to equalize all signals to a point pre-determined by the setting of the manual volume control. This feature further eliminates the "blasting" effect when tuning from strong to weak stations and adds materially to the life of the output pentode by reducing the likelihood of audio overloading.

Model L-22—Lafayette UNIVERSAL Auto Radio, complete with tubes, distributor, suppressor and condenser, less Remote Control. Dimensions: 12 x 5 1/2 x 6 1/4 inches. Shpg. wt. 26 lbs. Code Borna. **\$28.50**  
List \$69.50. Your Cost.....

Lafayette Remote Control for above set. **\$2.95**  
Shpg. wt. 6 lbs. N14235. List \$7.50 Your cost  
Spark Plug Suppressor extra, 20c each.



# Auto Radio Accessories

## Mallory-Elkon Auto "B" Eliminator

Develops sufficient unvarying "B" power for all auto sets. No rotary parts. Uses no tubes. Easily installed. Size  $7\frac{1}{2} \times 6\frac{1}{2} \times 2\frac{1}{2}$ ". Shpg. wt. 21 lbs. N14223—List \$17.50  
Your Cost **\$10.29**

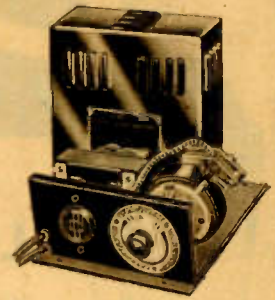
Approved for These Auto-Radio Sets

Make and Model No.	Approved Mallory-Elkon Eliminator	Make and Model No.	Approved Mallory-Elkon Eliminator
Ajax, 5 Tube	Type 11-M	Motometer	Type 12 C
Ajax, 6 Tube	10	Motorola, 6 Tube	10 C
Atwater Kent, 81	11-CD	Motorola, 7 T 38	10
Atwater Kent, 91	10-CA	Motorola, 7 T 47 A	10
Auto Lite, 82	12	Motorola, 5 T 71	11 M
"Autotone" (Republic)	10	Motorola, 5 Tube	11 M
Bosch, 80	14	Ohio, 6 Tube	10
Bosch, 84	14	Phileo, 3	12*
Bosch, 9-20	11 PC	Phileo, 6	11 C
Cadillac, 7 Tube	11 C	Phileo, 7	11 P
Colonial, 54	13	(41 Output Tube)	11 P
Colonial, 53	11	Phileo, 7	12 P
Crosley Roamio, 91	13*	(38 Output Tube)	12 P
Crosley Roamio, 95		Phileo, 8	10 C
(38 Output Tube)	12 C	R C A Victor, M 32	11 C
Crosley Roamio, 95		Republic, "Autotone"	10
(41 Output Tube)	11 C	Roamio, 91	13*
Crosley Roamio, 96	11 C	Roamio, 92	11
Crosley Roamio, 92	11	Sparton, AR 19	12 PC
Crescent	11	Sparton, 34	10 ST
Emerson		Sparton, 40	13 S
"Compact" 25A	14	Trutone, 5 Tube	11 M
Erla, 261	12 PC	Trutone, 6 Tube	
Gulbransen, 6 Tube	11 C	(Super-Het)	11 C
Gulbransen, 7 Tube	11 C	Universal, 57	11
International		Universal, 70	11
"Kadette"	14 C	Universal, 77	11
Majestic, 110	11	Wells Gardner, 6 Tube	11 C
Majestic, 114	11 C	Wells Gardner, 7 Tube	11 C

\* Mallory "A" Choke Required—Your Cost \$2.06

## The Lafayette Auto Converter

This Lafayette Unit converts the current of a 6 volt storage battery to 110 volts alternating current at 60 cycles thus permitting the operation of A. C. Radio Receivers in automobiles, boats and all other places where alternating current is not available. Unit consists of an extremely efficient rotary converter and transformer enclosed in a ventilated case, together with a remote control unit for switching on and off. The device will operate any alternating current appliance or equipment which does not require more than 60 watts. Its current consumption is extremely small. The Unit is small; its size being  $6\frac{1}{2} \times 7\frac{1}{4} \times 3\frac{1}{2}$ ". Can be easily installed in any car or boat. Guaranteed for proper operation. Shipping weight 18 lbs.



N14227—Your Cost **\$16.46**  
N14234—150 watt; 12 volt, 12 amperes.  
Your Cost **\$25.35**

## Premier "B" Power Unit

Improved "B" Power Unit, perfect replacement for all receivers using "B" batteries having a drain not in excess of 30 M. A. Especially adaptable for Auto and Motor-boat Sets. Delivers 180 volts. Has a very low "A" current drain of approximately 2 amperes, and uses the very latest type rectifier. Furnished with Universal Mounting Bracket and can be mounted anywhere, operating in any position. Size  $3\frac{1}{2}$ " deep,  $5\frac{1}{2}$ " high and  $5\frac{1}{2}$ " wide. Shpg. wt. 8 lbs. N14202—



Your Cost **\$6.90**

## Auto Ignition Silencer Kits



To suppress the radio-frequency disturbances picked up by the automobile radio set from the ignition system of car.

Neatly packed in attractive boxes. Each set has one generator condenser in leakproof metal cylinder; one distributor resistor and a spark plug resistor for each cylinder. Each

part of very best quality.  $\frac{1}{2}$  mfd. condenser on 4 cylinder kit, 1 mfd. condenser on 6 and 8 cylinder kit.

E5280—Four cylinder. List \$3.25 **\$1.30**  
Your Cost

E5281—Six cylinder. List \$4.50 **\$1.75**  
Your Cost

E5282—Eight cylinder. List \$5.50 **\$2.20**  
Your Cost

E5284—Special Set of 8 suppressors for Ford V8 Cars **\$2.20**  
Your Cost

E5278—Single Spark Plug Suppressor. **20c**  
List 40c. Your Cost

E5279—Single Distributor Suppressor. **20c**  
List 40c. Your Cost

## Remote Control Unit

Designed for the convenience of those who have auto radio sets not yet equipped with remote control. Can be adapted to control any auto set. Case finished in black enamel. Illuminated dial with clear-cut, sharply-defined divisions. Shpg. wt.  $2\frac{1}{2}$  lbs.

N14236—Complete with 30" flexible shaft and one coupling. **\$2.85**  
Your Cost Each

N14237—Universal Coupling **15c**

N14238—Additional cable per ft. **36c**

N14239— $\frac{1}{2}$ " steel rod, per ft. **5c**



## Hercules Car Antenna

Closely woven copper mesh, covered with a black synthetic leather. It is 52" long and is mounted underneath the car. It may be suspended from any part of the chassis. Extremely sensitive. Shipping weight 4 lbs.

R17132—4" wide. Your Cost **85c**

R17133—6" wide. **\$1.25**  
Your Cost

## Ward De Luxe Car Antenna



This is one of the most efficient Antennas on the market for use in automobiles. Closely woven copper-chrome-nickel plated wire suspended on rigid frame. More sensitive, in most cases excels roof type. Impossible to short or ground. Rubber splash guard furnished. Shipping weight 5 lbs. All necessary accessories furnished.

R17131—List price \$4.25 **\$1.60**  
Your Cost Each

## Auto DX Aerial

This Auto Aerial has proven most reliable in many installations where unsatisfactory results were obtained with other type antenna. It has an exceptionally good pick-up, resulting in more volume, clearer reception and with less interference. Has a solid Zinc plate  $40 \times 4\frac{1}{2}$ " with rolled edges, and it installs completely out of sight. Is furnished with 10 ft. rubber covered lead in wire, and all necessary accessories complete. Fits all makes of cars. Shpg. wt. 5 lbs.

R17130— **\$1.10**  
Your Cost

## Gen-E-Motor Auto "B" Eliminator

Combined motor and generator operating from 6-volt storage battery. Can mount in exceptionally small space  $3\frac{1}{2} \times 5\frac{1}{2} \times 5\frac{1}{2}$ ". Uses the latest type noise filter. Will carry up to 25% overload.

Is fool-proof. Shpg. wt. 17 lbs.

For 6 Volt Auto "A" Battery Supply

Stock No.	Output Volts	Inter-Tap	A Batt. Drain	Your Cost
*P14209	180	90	1.94	\$9.67
*P14210	200	None	2.75	9.38

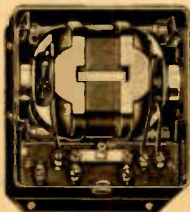
For 32 Volt Lighting Plants

*P14213	135	67 $\frac{1}{2}$		12.35
*P14212	180	22 $\frac{1}{2}$ , 45, 67 $\frac{1}{2}$ , 90, 135		13.23

For Sound Truck Equipment

*P14211	300	None	8.75	\$17.64
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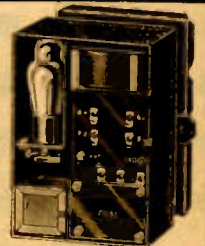
\* Delivers 30 M. A. † 40 M. A. ‡ 100 M. A.



## Radiart "B" Battery Eliminator

### Battery Eliminator

Convenient size makes it most adaptable to install anywhere in the car. Is full-wave operated, increasing its efficiency of operation with freedom from radio frequency disturbances. Arcing of the contact points has been entirely eliminated insuring exceptionally long life. Maximum output of 180 volts at 45 milliamperes is more than ample for most set requirements. Free from hum; quiet in operation, with no radio frequency feedback. Vibrator replacement can be made by anyone in a few minutes if required. Among its many features are non-polarized hook-up; built-in relay and simplified terminal board hook-up. Absolutely trouble-proof. Shpg. wt. 11 lbs. N14203—Your Cost **\$9.26**



HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It

# LAFAYETTE

## Scientific RADIO TUBES



### LAFAYETTE PRECISION TUBES

Lafayette Radio Tubes are offered to meet the demands and exacting needs of a vast number of Dealers and Service Men who wish to increase their margin of profit from tube sales without jeopardizing the good-will of their customers.

— GUARANTEED PERFECT AND OF UNIFORM QUALITY!

#### WHY THEY ARE LOWER IN PRICE

Lafayette Tubes cost as much to manufacture as other standard tubes. They are lower in price because our distribution costs are lower than those who must conduct tremendously expensive advertising campaigns in order to distribute their products. We sell direct to you and eliminate the costly advertising expense you and the consumer must pay when you buy other tubes.

#### STRICTLY FIRST QUALITY TUBES

Do not confuse Lafayette Tubes with other low price tubes! A big majority of those selling in their price range are "seconds"—tubes which have been rejected because they do not measure up to the manufacturer's specifications. Lafayettes are "FIRSTS"

Lafayette Tubes are Guaranteed for Six Months! (Breakage and Burnouts alone are excepted)

01A	List 70c Your Cost	<b>31c</b>	38	List \$1.60 Your Cost	<b>72c</b>	58	List \$1.65 Your Cost	<b>75c</b>	523	List \$1.50 Your Cost	<b>67c</b>
10	List \$5.00 Your Cost	<b>\$2.25</b>	39	List \$1.80 Your Cost	<b>81c</b>	59	List \$2.00 Your Cost	<b>90c</b>	12Z3	List \$1.50 Your Cost	<b>67c</b>
12A	List \$1.30 Your Cost	<b>58c</b>	41	List \$1.60 Your Cost	<b>72c</b>	69	List \$3.65 Your Cost	<b>\$1.65</b>	25Z5	List \$2.00 Your Cost	<b>90c</b>
20	List \$3.00 Your Cost	<b>\$1.35</b>	42	List \$1.60 Your Cost	<b>72c</b>	71A	List 85c Your Cost	<b>39c</b>	182-B	List \$2.35 Your Cost	<b>\$1.06</b>
22	List \$2.00 Your Cost	<b>90c</b>	43	List \$2.50 Your Cost	<b>\$1.12</b>	75	List \$1.60 Your Cost	<b>72c</b>	183	List \$2.10 Your Cost	<b>95c</b>
24	List \$1.40 Your Cost	<b>63c</b>	44	List \$1.80 Your Cost	<b>81c</b>	77	List \$1.80 Your Cost	<b>81c</b>	485	List \$1.85 Your Cost	<b>84c</b>
26	List 75c Your Cost	<b>34c</b>	45	List 85c Your Cost	<b>39c</b>	78	List \$1.80 Your Cost	<b>81c</b>	864	List \$2.10 Your Cost	<b>95c</b>
27	List 80c Your Cost	<b>36c</b>	46	List \$1.55 Your Cost	<b>69c</b>	79	List \$2.60 Your Cost	<b>\$1.17</b>	866	List \$6.75 Your Cost	<b>\$3.04</b>
29	List \$3.65 Your Cost	<b>\$1.65</b>	47	List \$1.50 Your Cost	<b>67c</b>	80	List 80c Your Cost	<b>36c</b>	2A3	List \$4.00 Your Cost	<b>\$1.80</b>
30	List \$1.30 Your Cost	<b>58c</b>	48	List \$3.00 Your Cost	<b>\$1.35</b>	81	List \$3.50 Your Cost	<b>\$1.57</b>	2A5	List \$1.60 Your Cost	<b>72c</b>
31	List \$1.30 Your Cost	<b>58c</b>	49	List \$1.70 Your Cost	<b>76c</b>	82	List \$1.20 Your Cost	<b>54c</b>	2A6	List \$1.60 Your Cost	<b>72c</b>
32	List \$1.90 Your Cost	<b>85c</b>	50	List \$4.00 Your Cost	<b>\$1.80</b>	83	List \$1.55 Your Cost	<b>67c</b>	2A7	List \$2.20 Your Cost	<b>99c</b>
33	List \$2.10 Your Cost	<b>95c</b>	51	List \$1.65 Your Cost	<b>75c</b>	84	List \$1.75 Your Cost	<b>79c</b>	6A7	List \$2.20 Your Cost	<b>99c</b>
34	List \$2.15 Your Cost	<b>97c</b>	53	List \$2.25 Your Cost	<b>\$1.01</b>	85	List \$1.60 Your Cost	<b>72c</b>	2B7	List \$2.00 Your Cost	<b>90c</b>
35	List \$1.50 Your Cost	<b>67c</b>	55	List \$1.60 Your Cost	<b>72c</b>	89	List \$1.80 Your Cost	<b>81c</b>	6B7	List \$2.00 Your Cost	<b>90c</b>
36	List \$1.80 Your Cost	<b>81c</b>	56	List \$1.20 Your Cost	<b>54c</b>	V99	List \$2.25 Your Cost	<b>\$1.01</b>	6C6	List \$1.80 Your Cost	<b>81c</b>
37	List \$1.40 Your Cost	<b>63c</b>	57	List \$1.65 Your Cost	<b>75c</b>	X99	List \$1.50 Your Cost	<b>67c</b>	6D6	List \$1.80 Your Cost	<b>81c</b>





# RADIOTRONS

# Cunningham TUBES



Type	List Price	Your Cost	Type	List Price	Your Cost		
01A	Detector, Amplifier	.70	.41	77	Triode Grid Detector Amp.	1.60	.94
10	Power Amplifier, Oscillator	5.00	2.94	78	Triode Grid R. F. Amp. (Heater)	1.80	1.06
12A	Amplifier, Detector	1.30	.76	79	Class "B" Twin Amp. (Heater)	2.60	1.53
22	Screen Grid R. F. Amp.	2.00	1.18	80	Full Wave Rectifier	.80	.47
24A	Screen Grid R. F. Amp. Heater	1.40	.82	81	Half Wave Rectifier	3.50	2.06
25Z5	Rectifier-Double (Heater)	2.00	1.18	82	Full Wave Mercury Vapor Rect.	1.20	.70
26	Amplifier	.75	.44	83	Heavy duty F. W. M. V. Rect.	1.55	.91
27	Detector, Amp. (Heater)	.80	.47	84	Full Wave Rectifier (Heater)	1.75	1.03
30	Detector, Amplifier	1.30	.76	85	Duplex-Diode Triode (Heater)	1.60	.94
31	Power Amplifier	1.30	.76	89	Triode Grid Amp. (Heater)	1.80	1.06
32	Screen Grid R. F. Amp. Detect.	1.90	1.12	120	Power Amplifier	3.00	1.76
33	Power Amplifier Pentode	2.10	1.24	V199	Detector Amplifier	2.25	1.32
34	R. F. Amp. Pentode	2.15	1.27	X199	Detector Amplifier	1.50	.88
35	Screen Grid R. F. Amp. (Heater)	1.50	.88	841	Voltage Amplifier	10.40	6.12
36	S. G., R. F. Amp., Det. (Heater)	1.80	1.06	842	A. F. Power Amp. & Modulator	10.40	6.12
37	Detector, Amp. (Heater)	1.40	.82	864	Amplifier, Detector	2.10	1.24
38	Power Amp. Pentode (Heater)	1.60	.94	866	Half Wave Mercury Vapor Rect.	6.75	3.97
39	R. F. Amp. Pentode (Heater)	1.80	1.06	868	Phototube-Max. Anode Volts.	7.50	4.41
41	Pentode A. C. Heater, 6.3	1.60	.94	874	Voltage Reg.—Glow Discharge	4.90	2.88
42	Pentode A. C. Heater, 6.3	1.60	.94	876	Current Regulator Ballast Tube	6.70	3.94
43	Pentode A. C. Heater, 25.0	2.50	1.47	886	Current Regulator (Ballast)	6.75	3.97
44	R. F. Amp. Pentode	1.80	1.06	2A3	Power Amp. Triode	4.00	2.35
45	Power Amp.	.85	.50	2A5	Power Amp. Pentode	1.60	.94
46	Dual Grid Power Amp	1.55	.91	2A7	Pentagrid Converter	2.20	1.29
47	Power Amp. Pentode	1.50	.88	6A7	Pentagrid Converter	2.20	1.29
48	Tetrode D. C. (Heater)	3.00	1.76	2B7	Duplex-Diode Pentode	2.00	1.18
49	Dual Grid Power Amp	1.70	1.00	6B7	Duplex-Diode Pentode	2.00	1.18
50	Power Amplifier	4.00	2.35	5Z3	Heavy Duty Full Wave Rect.	1.50	.88
55	Duplex-Diode Triode (Heater)	1.60	.94	RCA1	Half Wave Mercury Vapor Rectifier	1.50	.88
56	Super-Triode Amp. (Heater)	1.20	.70	RCA-	Power Amplifier Pentode (6.3 volt filament)	1.60	.94
57	Triode Grid Amp. Det. (Heater)	1.65	.97	6A4			
58	Triode Grid Amp. (Heater)	1.65	.97				
59	Triode Grid Power Amp.	2.00	1.18				
71A	Power Amp.	.85	.50				

# Sylvania ARCTURUS TUBES

# PHILCO TUBES

Type	List Price	Arc. Your Cost	Syl. Your Cost	Type	List Price	Arc. Your Cost	Syl. Your Cost
00A	\$4.00	None	\$2.12	71A	.85	\$ .45	\$ .45
01A	.70	\$ .37	.37	75	1.60	.85	.85
10	5.00	2.65	2.65	77	\$1.80	.95	.95
12A	1.30	.69	.69	78	1.80	.95	.95
20	3.00	None	1.59	79	2.60	1.38	1.38
22	2.00	1.00	1.00	80	.80	.42	.42
24	1.40	.74	.74	81	3.50	1.85	1.85
26	.75	.40	.40	82	1.20	.64	.64
27	.80	.43	.43	83	1.55	.82	.82
29	3.65	None	1.94	84	1.75	.93	.93
30	1.30	.69	.69	85	1.60	.85	.85
31	1.30	.69	.69	89	1.80	.95	.95
32	1.90	1.01	1.01	V99	2.25	None	1.19
33	2.10	1.11	1.11	X99	1.50	None	.79
34	2.15	1.14	1.14	2A3	4.00	None	2.12
35	1.50	.79	.79	2A5	1.60	.85	.85
36	1.80	None	.95	5Z3	1.50	.79	.79
37	1.40	None	.74	12Z3	1.50	.79	.79
38	1.60	None	.85	25Z5	2.00	1.06	1.06
39	1.80	None	.95	18Z8	2.30	None	1.22
41	1.60	None	.85	183	2.05	None	1.09
42	1.60	.85	.85	485	1.80	None	.96
43	2.50	1.32	1.32	864	2.10	None	1.12
44	1.80	.95	.95	866	6.75	None	3.50
45	.85	.45	.45	2A7	2.20	None	1.16
46	1.55	.82	.82	6A7	2.20	1.16	1.16
47	1.50	None	.79	2B7	2.00	1.06	1.06
48	3.00	None	1.59	6B7	2.00	1.06	1.06
49	1.70	None	.90	6C6	1.80	None	.96
50	4.00	2.12	2.12	6D6	1.80	None	.96
51	1.50	.79	None	AF	1.80	.96	None
53	2.25	None	1.20	AG	2.05	1.09	None
55	1.60	.85	.85	GA	2.75	1.46	None
56	1.20	.64	.64	PZ	1.50	.79	None
57	1.65	.87	.87	PZH	1.60	.85	None
58	1.65	.87	.87	2A7	2.20	1.16	None
59	2.00	1.06	1.06	12Z5	1.50	.79	None
69	3.65	None	1.94				

Wholesale Radio Service Company takes pleasure in announcing its appointment as Distributor for GENUINE PHILCO TUBES.

Type	List Price	Your Cost	Type	List Price	Your Cost
01A	\$ .80	\$ .37	48	\$3.00	\$1.59
2	1.10	.58	50	4.00	2.12
3	1.75	.93	51	1.65	.87
4	1.60	.85	55	1.60	.85
5	1.60	.85	56	1.20	.64
6	3.00	1.59	57	1.65	.87
9	1.60	.85	58	1.65	.87
10	5.00	2.65	59	2.00	1.06
12A	1.30	.69	71A	.95	.45
14	2.25	1.19	75	1.60	.85
15	2.85	1.51	77	1.60	.85
17	1.50	.79	78	1.80	.95
19	2.85	1.51	79	2.60	1.37
20	3.00	1.59	80	.90	.42
22	2.00	1.06	81	3.50	1.85
24	1.40	.74	82	1.20	.64
26	.85	.39	83	1.55	.82
27	1.05	.42	84	1.75	.93
30	1.30	.69	85	1.60	.85
31	1.30	.69	89	1.80	.95
32	1.90	1.00	X99	1.50	.79
33	2.10	1.11	V99	2.25	1.20
34	2.15	1.14	18Z8	2.35	1.22
35	1.50	.80	183	2.10	1.08
36	1.80	.95	485	1.85	.95
37	1.40	.74	866	6.75	3.57
38	1.60	.85	2A3	4.00	2.12
39	1.80	.95	2A5	1.60	.85
40	2.00	1.06	5Z3	1.50	.79
41	1.60	.85	12Z3	1.60	.79
42	1.60	.85	25Z5	2.00	1.06
43	2.50	1.32	6A7	2.20	1.16
44	1.80	.95	2A7	2.20	1.16
45	1.15	.45	6B7	2.00	1.06
46	1.55	.82	2B7	2.00	1.06
47	1.50	.79			



### WUNDERLICH TYPES

Type	List Price	Your Cost
A	\$3.00	\$1.59
AA	3.00	1.59

### 15 VOLT TYPES

Type	List Price	Your Cost
22	\$7.50	\$3.97
26	4.00	2.12
28	3.00	1.59
30	3.00	1.59

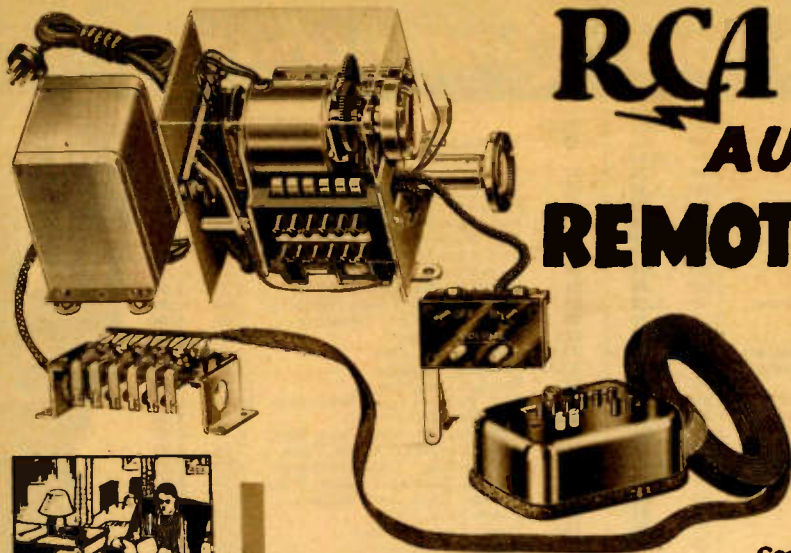
### SPARTON

Type	List Price	Your Cost
182B	\$2.30	\$1.22
183	2.05	1.09
485	1.80	.96

## Only Wholesale Offers a SIX MONTHS GUARANTEE on TUBES!

First, we guarantee every tube sold for a period of 6 months—not 90 days, but a full six months. IF ANY TUBE SOLD BY US SHOULD FAIL DURING SIX MONTHS IT WILL BE CHEERFULLY AND PROMPTLY REPLACED WITHOUT CHARGE—burnouts and breakages are the ONLY exception. To the best of our knowledge, this is the most liberal tube guarantee in the country. Second, we make this guarantee possible by testing every tube before it is shipped out. We maintain an elaborate testing laboratory, equipped with every modern testing device available. Our laboratory equipment is so highly sensitive that it reveals the slightest flaw or imperfection as the tubes are being tested. It pays to buy from Wholesale Radio Service!

# RCA Victor AUTOMATIC REMOTE CONTROL



**\$12.50  
COMPLETE**



### Simplicity of Operation

The Remote Control feature is unique in that it not only allows control of the receiver from a distant point but also pre-selects the desired station accurately. Manual tuning, other than necessary for the original setting of the selector buttons, is therefore eliminated. Selection of any one of six stations, adjustment of volume control, or turning the receiver on or off may be accomplished at one or more remote points from the receiver. The remote consists of a capacitor motor coupled to the gang condenser through a series of gears; a series of drums and contactors by which the motor is started in the right direction for a given station and stopped at the right point; a special volume control geared to the motor; a relay to turn the set on or off and a remote control box by which these operations are controlled.

### Completely Automatic

A pilot lamp is located on the remote control box, a common lead is used for the lamp and the selector buttons, by doing this, when a selector button on the box is pressed, the current through the common lead is increased, likewise the voltage drop in the lead is increased. The result is that while the motor is running the pilot lamp becomes very dim. As soon as the motor stops, the lamp flashes bright, thus indicating that the motor has stopped and the station is tuned in. If the station is not then heard, it is necessary to press the + volume control button a little at a time until the desired output level is obtained.

### Controls the Entire Receiver from a Distance Up to 75 Feet

The cable to the remote control box supplied with the remote control is twenty-five feet in length. If, however, it is desired to place the remote control box at a greater distance from the set, any twelve conductor cable, the wires of which are No. 14 or larger in size, may be used to splice onto the regular cable and increase the total length up to seventy-five feet.

### Adaptable to Most Radio Receivers and Tuners

The control unit, excluding the transformer and capacitor pack, is 5" long, 4 1/4" deep, 6" high, overall. Drive shaft extends 2 1/4" from housing including gear; center of gear is 2 3/4" from front of control housing. A full set of instructions and service notes supplied with each unit, this explains in detail the full operation of this device and one should have very little trouble installing it in most receivers. For operation of 110 volt, 60 cycle only. Shipping weight 20 lbs.

**Y19425—Your Cost ..... \$12.50**

Send for your copy of our four page Bulletin describing in detail this Automatic Remote Control Chassis, as published in Radio News for April, 1933.

# LAFAYETTE P.A. TUNER WITH REMOTE CONTROL

**\$37.50  
LESS TUBES**

With Lafayette Remote Control Tuner it is now possible to have a public address system complete with radio, which may be operated from any distant point! A system heretofore available only to those who could afford an elaborate layout running into hundreds of dollars.

### Public Address Tuner

The new Lafayette Tuner is incorporated in this unit which employs all the latest developments in tubes and circuit design. A band pass selector utilizing a four gang condenser, together with two stages of tuned radio frequency, results in 10 K. C. selectivity, without side band cutting, or suppression. The new high gain R. F. and detector pentodes, as well as very high gain Litz wound radio frequency coils, makes possible a sensitivity never before obtainable from a T. R. F. circuit. Each stage is well shielded, and filtered to prevent any chance of oscillation regardless of the type of amplifier, and power supply system used.

Because tone was considered the primary factor in the development of this tuner, the T. R. F. circuit was selected instead of a superheterodyne. Two 58 R. F. pentodes and one 57 detector pentode enable this receiver to handle

enormous radio frequency signals without cross-modulation and modulation distortion.

### Adaptability

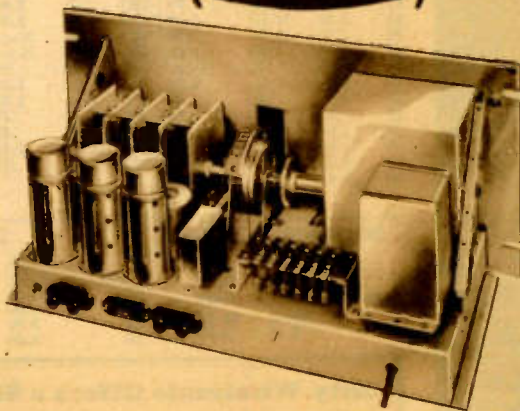
The detector of this tuner is such that it may be adapted to any amplifier by simply connecting one lead to the grid of the first audio tube, regardless of the type of tube employed. Tuner has its own filament supply, and requires 180 to 250 volts B supply, which may be obtained from the average amplifier power supply. The current drain when the volume control is at maximum is only 25 M. A. The average drain is about 10 M. A.

The Lafayette Remote Controlled P. A. Tuner will fit a standard W-E rack. Chassis dimensions are 17 1/2" wide, 8" high, and 8 1/2" deep. Shpg. wt. 30 lbs. Lafayette Remote Control Tuner, assembled as illustrated, less tubes.

**P15700—Your Cost ..... \$37.50**

Lafayette P. A. Tuner only, less tubes.  
**N13846—Your Cost ..... \$16.95**

Matched set of tubes consisting of 1-57, 2-58.  
**P15702—Your Cost ..... \$2.91**



"B" eliminator for Tuner, complete with one UX280 tube. Delivers 250 volts at 30 ma. Shpg. wt. 15 lbs.  
**P15701—Your Cost ..... \$7.95**

# P.A. Accessories at Bargain Prices!

## New "Green-Flyer" Governor Controlled Two Speed Motor

**33 1/3 or 78 R.P.M for  
A.C. or D.C. Operation**

A new induction type motor that may be adjusted for either old style recordings at 78 R. P. M. or the new 33 1/3 R. P. M. records. Gears are completely enclosed and run in oil. Silent laminated Bakelite spiral cut gears. Over-size self lubricating bearings. Will not overheat in closed cabinets. 10" turntable. Has dial and pointed needle indicator. Hard-ware nickel plates. Automatic stop available at slight extra cost. Shpg. Wt. 15 lbs.

**A100—Two Speed Motor for 105-120 volt, 50-60 cycle—\$8.75  
A. C. current. Your Cost**

**A102—Single Speed, 78 R. P. M. Motor. \$6.95  
Your Cost**

## Direct Current Motors for 110 Volts

**A101—Two Speed Motor same as our No. A100, but for \$14.25  
D. C. current. Your Cost**

**A103—Single Speed, 78 R. P. M. Motor same as our No. \$11.95  
A102, but for D. C. current. Your Cost**

If 12" Turntable is desired for any of the above motor, add 40c to net price and so specify.

## Special Recording Motor Dual Speed

This motor is specially constructed and is preferred for recording. Similar specifications to the above 2-Speed Model except that field and rotor are 1/2" longer and that the motor is much more powerful, complete with 12" turntable. Shipping weight 15 lbs.

**A120—For 105-120 volt, 50-60 cycle A. C. \$11.95  
Your Cost**

**A121—For 110 volt D. C. operation. \$17.50  
Your Cost**

## 50 Foot 7 Wire Shielded Micro- phone Cable with Heavy Cast Aluminum Locking Connectors



1 1/4" diameter. This shielded cable of finest grade materials, encloses 7 conductors of No. 18 Stranded Copper wire, each insulated with rubber jacket, covered with waxed cotton. Each covering colored for easy tracing. Heavy vulcanized gum rubber covering. Cable

very flexible; will stand severe service. Fitted with 7 wire coupling plugs. Used for all public address work, both in and outdoor. Shpg. wt. 18 lbs.

**Q16130—Your Cost per \$6.50  
Cable with Plugs**

## Trutest Shielded Microphone Cable Armored Connectors



Shielded microphone cable consists of 3 conductors color coded in a very closely woven tinned copper shielding with pure para rubber, armored male and female connectors.

1/4" outer covering, 50% Complete with best grade brass connectors.

Stock No.	Size	Shipping Weight	Your Cost
Q16080	6 ft.	1 lb.	\$1.50
Q16081	12 ft.	2 lbs.	1.95
Q16082	25 ft.	3 lbs.	3.20
Q16083	50 ft.	5 lbs.	5.50
Q16084	100 ft.	11 lbs.	9.95

## Shielded Microphone Cable

Three conductor equipped with mounting lugs.  
**Q16132—Shipping weight for 50 ft., 2 1/2 lbs.**  
6 Ft. for... \$0.35      25 Ft. for... \$1.15  
12 Ft. for... .59      50 Ft. for... 2.15

## New Improved Lafayette Pick-Up Dual Speed: 33-1/3 or 78 R. P. M.

Designed to meet the needs for playing both 33 1/3 and 78 R. P. M. records with the same pick-up. In total quality, in range covered, in simplicity of installation and in ease of operation, the New Lafayette electric pick-up is vastly superior to all existing forms of phonograph electric pick-up devices. A scientifically developed instrument which reproduces with absolute fidelity the intricate chromatic elements of the most difficult musical compositions. Unique in that it is rubber damped providing absolutely clear reproduction free from the customary pick-up noises. Available in 2500 or 5000 ohms impedance. Special impedances to order at special prices on request. Specify type when ordering. Shipping weight 5 lbs.



**A138—Complete with Volume Control. \$6.25  
Your Cost Each**

**A143—Same as above except 200 ohm impedance. \$6.25  
Your Cost Each**

## Lafayette Professional Jr.

Has same general characteristics as above pick-up. Plays only 16" records. Specify high or low impedance. Shipping weight 6 lbs.

**A137—Your Cost Complete, with Volume Control \$9.75**

## Audak Model 30 Pick-up

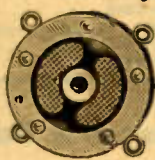


Fortunate purchase enables us to offer celebrated Audak No. 30 Pick-up at fraction of former price. Quality proven by performance. Limited supply; take advantage of offer. Complete with volume control. Shipping weight 5 lbs.

**A145—List Price \$21.50 \$4.95  
Your Cost Only**

**Model No. 20—Smaller model pick-up. One of the popular sellers. Same quality as Model No. 30. Complete \$4.95  
with volume control. Shipping weight 5 lbs.  
A144—Your Cost, Less Volume Control**

## Lafayette Model 25



A very efficient two-button carbon Microphone which will give entirely satisfactory service in less critical public address installations. Frequency response, 40 to 4000 cycles. Resistance, 100 ohms per button. Heavy chromium plated brass frame.

Special alloy diaphragm with 24Kt. gold contact points. Size 2 1/4 inches diameter, 3/8 inch thick. Shipping weight 4 lbs.

**M13420—List Price \$25.00.  
Your Cost \$10.95  
Each**

## Lafayette Floor Stand

Satin finish white metal with die cast ring and weighted base. Extra heavy construction. Loops in sides of barrel for cables. Bases have felt tips. Extends from 36 to 70 inches. Ring is 7 inches in diameter and base is 8 ins. in diameter. Adjustable from 46 to 74 1/2 inches. Shpg. wt., 10 lbs.

**M13428—Your Cost \$4.95**

## Universal Model "X"

Available in either single or two button type. Resistance 200 ohms per button. May be mounted in any position. Scientifically damped, laboratory tested. Dur-aluminum diaphragm, pure gold contact points. Frequency response 100 to over 4000 cycles. Beautifully finished. Shpg. wt., 3 lbs.

**M13412—Single Button Model "X". List Price \$7.50  
Your Cost Each \$4.41**

**M13413—Double Button Model "X". List Price \$10.00  
Your Cost \$5.88**

## Lafayette Combination Four-in-One Microphone Stand



A novel and extremely practical arrangement. Four types in one. 1—Desk Type is as illustrated. 2—Remove base, replace the loop and screw and the two covers form a Suspension Ring. 3—Remove screw and insert handle, making it now a Hand Mike, most essential in portable work. 4—Remove handle and insert long tube in both covers and base and you now have an Extended Desk Type Stand of latest design. Heavy chrome plated on copper. Size: 8" high (with base); space between covers, 2 1/4"; diameter of base 5 1/4"; length of handle, 4 1/2"; length of extension tube, 6 3/4". Any of the popular size microphones will fit in the case. A set of microphone springs are included in the combination. Shpg. wt., 2 lbs.

**M13419—List \$13.00  
Your Cost Each \$5.95**

## Ellis Microphone Model 20

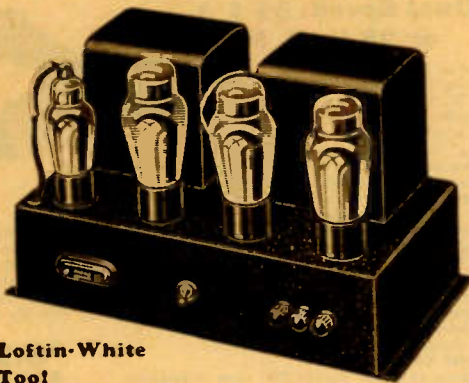


Exceedingly effective for small outdoor public-address systems, where it is possible to pick up voice and music at close range. Less sensitive than the larger models, it is possible to minimize or completely eliminate "feed back" and other noises. In this case, one has but to reduce current to two or three milli-amperes per button and speak directly into the microphone. This instrument operates best at from four to eight milliampers per button. Limit of guarantee, ten milliampers per button. The total resistance is 400 ohms D. C. or 200 ohms D. C. per button. It has a frequency range of from 60 cycles to 6000 cycles. Diameter over all, 3 1/2". Thickness over all 1 1/4". All units are nickel plated. Shpg. wt., 2 1/2 lbs.

**M13387—List Price \$25.00 \$14.70  
Your Cost Each**

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

## New 2A3 Lafayette De Luxe Push-Pull Amplifier 15 Watts



**Loftin-White  
Trio!**

The newly developed 2A3 class "A" triode, combined with the improved Loftin-White circuit, engineered by Lafayette, results in a 15 watt amplifier, with efficiency unprecedented. Only 24 watts are applied to the plates. Previously 50 was required. Non-critical load conditions, low Mu, high gm, and direct coupling means flat frequency response with only 3% Harmonic content.

### CIRCUIT

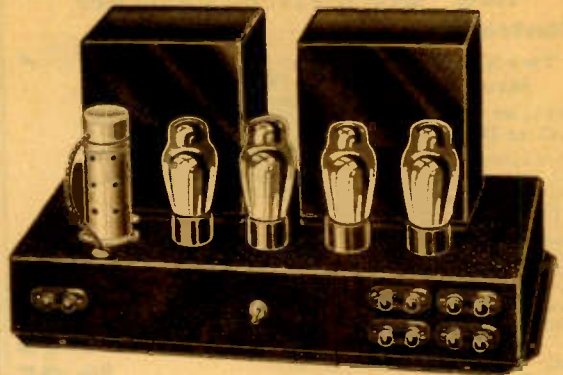
The circuit consists of a 57 tube, driving two 2A3s, by means of the famous direct coupled method. A 5Z3 high vacuum rectifier supplies the necessary voltage through an oversized transformer and filter system. Voltage is available for field supply of 4-2000 ohm speakers, or 2-4000 ohm 7 watt fields. Two 2500 ohm fields may also be used. This means lower cost of your P. A. System.

### QUALITY PERFORMANCE AT LOW COST

Reproduction that is equal to some of the highest priced amplifiers on the market is now available at a cost almost unbelievable. Even when operating at maximum volume the superb qualities of the amplifier are not altered in the least. **P15712**—Lafayette Loftin-White 2A3 Push-Pull Amplifier, assembled and wired. Less tubes and speaker. Dimensions 12" wide, 7" deep, and 7 1/4" high. Shpg. wt. 40 lbs.

**Your Cost**  
**P15721**—Lafayette Loftin-White 2A3 Push-Pull Amplifier with output transformer to 5-15 ohm voice coil, and 500 ohm line. **\$24.75**  
**Your Cost**—List **\$50.00** **\$26.95**  
**P15713**—Kit of Matched RCA or Arcturus tubes, consisting of 1-57, 1-5Z3, 2-2A3. **\$6.55**  
**Your Cost**

## 28 Watts Output CLASS "B" Lafayette Amplifier



The majority of Class "B" audio amplifiers do not respond very well to the higher frequencies. Lafayette sound engineers have overcome this shortcoming by using a direct coupled driver which accentuates the higher frequencies; this in turn compensates for the loss in the Class "B" stage, resulting in an amplifier having uniform response over the entire audible range, regardless of the level of the input signal.

### HIGH GAIN

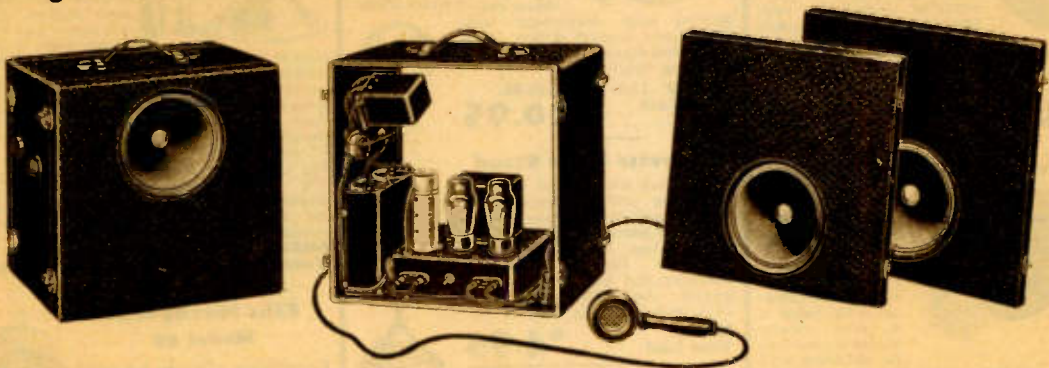
Technically, the characteristics are: A gain of 90 db. at 1000 cycles, is only minus 3 db. at 50 cycles and actually rises to plus 2 db. at 5000 cycles above the overall gain of 90 db. Input Impedance 500000 ohms; output impedance 4, 8, 15, 500 and 2000 ohms. The circuit of this amplifier employs a single type 57, directly coupled into a 59, which in turn drives a pair of 59s in Class "B." The rectifier tube is the new mercury vapor type 83. Conservatively rated this amplifier will deliver 28 watts of undistorted power.

### COMPONENT PARTS

All parts are carefully tested with precision accuracy, and they are designed to give the maximum of service. Both the power transformer and the choke assembly are designed to handle twice the normal current to which they are subjected under full load. These husky units each measure 6 1/2"x6x5".

**P15760**—Lafayette Class "B" Amplifier, completely assembled and wired for 100-130 volts, 50-60 cycles A. C., less tubes and loud speakers. Dimensions: 11 1/2" deep, 20" long, 10" high. Shpg. wt. 61 lbs. List Price \$97.50 **\$42.50**  
**Your Cost**  
**P15757**—Complete amplifier with RCA or Arcturus tubes, consisting of 1-57, 3-59s, 1-83. **\$47.75**  
**Your Cost**

## Lafayette DUAL SPEAKER Portable Public Address System



There are many uses for a really portable public address system that a man can carry single-handed and set up in a short time. The new Lafayette Dual Speaker System fills the bill perfectly. Not only is it compact enough to carry in a train or in the rumble seat of a car, but it also is a high quality electrical instrument incorporating the newest developments in amplifier practice.

### INGENIOUS CONSTRUCTION

Almost every cubic inch of space in the strong carrying case, measuring 15" square by 10" deep, is utilized. The two sides come off, and they act as baffles of two dynamic speakers mounted in them. These sides are equipped with folding feet that keep them upright when they are placed on a stage, lecture platform, show case, etc. Inside the case is a special amplifier using a type 57 tube coupled to a type 2A5 with an 23 supplying plate current. The output of 3 1/2 watts is enough to work the speakers to capacity. Just plug the line cord into any A. C. outlet and the outfit is ready to operate. A sensitive single button microphone is supplied with this unit. Micro-

phone current is furnished by dry cells in a box next to the amplifier. A gain control on the side of the case permits smooth and quiet adjustment of the volume from a whisper to a roar. The person at the "mike" can talk in a very quiet tone and still have his words come out of the speakers like thunder.

### HIGH EFFICIENCY ATTAINED

In the design of a portable amplifier every part must justify its weight. Lafayette engineers have carefully gone over the entire circuit and have realized the absolute maximum from the apparatus.

**P15765**—Lafayette Dual Speaker. Portable Public Address System. Dimensions 15" square, 10" deep. Shipping weight 40 lbs. List Price \$85.00 **\$34.50**  
**Your Cost**  
**P15766**—Complete with RCA or Arcturus tubes, consisting of 1-57, 1-2A5, 1-83. RCA or Arcturus make. List Price \$95.00 **\$37.25**  
**Your Cost**

# Push-Pull 3 Stage Amplifier

With New Type 2A5 Tubes

only \$14.95

Where volume enough to operate five or six dynamic speakers is required we recommend the new Lafayette Three Stage Amplifier with an undistorted output of six watts.

### THREE STAGE CIRCUIT

A type 57 is capacity coupled to a 56, which in turn is transformer coupled to two 2A5s in push pull. The required plate current is supplied in humless form by an 83 mercury vapor rectifier. The overall amplification is so great that special input connections to the second stage are provided for phonograph pick-up.

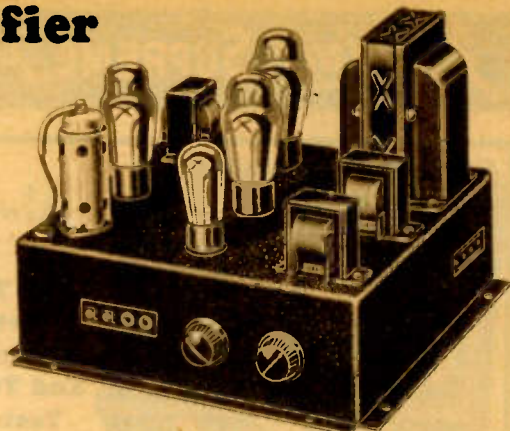
### tone CONTROL PROVIDED

Another welcome feature is a tone control. Such controls have proven their value on radio receivers; why not on amplifiers.

### OVERSIZE PARTS

This husky amplifier is another credit to the skill of Lafayette engineers. Heavy, oversize power units and metal construction mean long and satisfactory life. No wiring in sight; everything under the chassis. Supplied with and without output transformer.

This amplifier is designed solely for use with A. C. speakers or D. C. speakers employing external field supply. It cannot be supplied to furnish field excitation.



P15795—Lafayette Three Stage Amplifier, completely assembled and wired. Less tubes, loud speaker and output transformer. Dimensions: 12" square, 9 1/4" high. Shpg. wt. 30 lbs.

Your Cost \$14.95

P15796—Same as above, but with output transformer less tubes. Shpg. wt. 33 lbs.

Your Cost \$17.45

P15798—Kit of matched tubes, consisting of 1-57, 1-56, 2-59s, 1-83.

Your Cost \$4.95

## A High Gain Amplifier

for only \$9.75



Uses new type tubes

### Works 3 or 4 Dynamic Speakers

Here is the biggest little amplifier ever brought out—at a price that defies competition. Measuring only 8 1/4" wide, 6" deep and 5 1/4" high, this latest addition to the famous Lafayette line is a completely self-contained two stage power amplifier capable of working three or four dynamic speakers to full capacity, and that means it has real "sock." Because of its small size, its low price and its remarkable efficiency it will find many uses in public address work.

### LATEST TYPE TUBES

There is a 57 capacity coupled to a 2A5, a combination that produces the extraordinarily high amplification of nearly 100 db. Output 3 1/2 watts. Actually these two tubes do the work formerly done by four tubes! A type 5Z3 High Vacuum Rectifier is used.

### NUMEROUS APPLICATIONS

Numerous applications for this handy amplifier will suggest themselves to the wide-awake service man, dealer and experimenter. To mention a few: for public address systems in small meeting halls, restaurants, markets, theatres, etc., to replace old style amplifiers in radio receivers having good tuners; to "electrify" old horn-type phonographs; for hearing aids, etc.

Supplied without output transformer for A. C. speaker. Can be supplied to excite 2500 ohm D. C. speaker at no additional charge. Specify type desired.

P15790—Lafayette Two-Stage Amplifier only, less tubes. Shpg. wt. 15 lbs.

Your Cost \$9.75

P15791—Complete Amplifier with tubes consisting of 1-57, 1-2A5, 1-83.

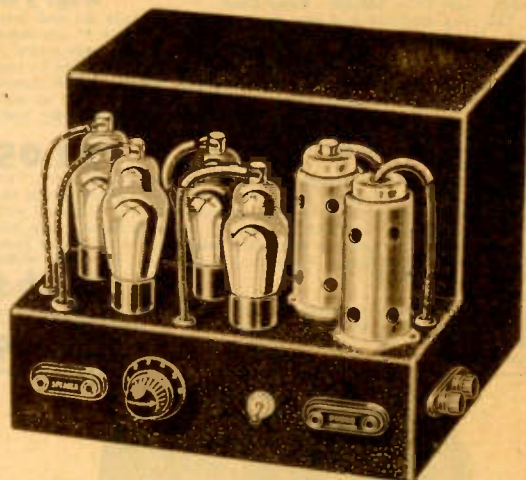
Your Cost \$12.57

Special Matched 8" Lafayette Speaker.

Your Cost \$4.50

## A Six-volt Amplifier

Operates entirely from auto battery



No more worries about rundown "B" batteries or weak signals! The new Lafayette Six-Volt Portable Amplifier—entirely self-contained and ready to operate—always works at full efficiency. Only source of power required is six volt storage battery such as used in all cars. **Draws only eight amperes**, less than the headlights. Compare this economy of operation with the current drains of 18 and 20 amperes of previous amplifiers of this kind!

### CONSTANT PLATE VOLTAGE

The filaments of the six tubes are run directly on six volts. Plate current is supplied by a special generator, entirely closed in and requiring no special attention. No vibrating points to stick or burn out. Plate voltage is constant, amplification at maximum at all times.

### HIGH GAIN CLASS "B" CIRCUIT—Compact Construction

Advanced design of circuit is responsible for unprecedented gain of 85 db. Six tubes are used: one type 36 as voltage amplifier, feeding one type 89 pentode driver, in turn working into four type 89s in Class "B" push-pull parallel. Output of 10 watts is enough to cover large outdoor crowds. We recommend the use of a large single Racoon unit with a triple connector for three horns. The whole unit measures only 10 1/2" wide, 8 1/2" deep and 7 1/4" high, and is therefore easily mounted under the dashboard, on the running board, on a back seat, or in the baggage compartment.

P15768—Lafayette Six-Volt Amplifier, less tubes, microphone or speaker. Shpg. wt. 30 lbs. List Price \$130.00

Your Cost \$59.50

P15767—Complete with tubes, consisting of 1-36, 5-89s.

Your Cost \$65.00

WRITE FOR CATALOG GIVING FULL INFORMATION ON LAFAYETTE COMPLETE P. A. SYSTEMS

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

# Readrite, SUPREME, Philco---Quality Analyzers!



*Readrite*

## No. 710 Set Analyzer and Tube Tester

**No. 710**—This three meter tester is equipped with a practical selector switch for checking all parts of the tube circuits by connecting to the set sockets. Selection for testing voltages of plate, grid, cathode, suppressor grid and screen grid is done quickly and accurately. Plate current, filament volts, also line and power supply volts are measured. The battery is used for the continuity testing of transformers, chokes, etc. Capacity and resistance charts are furnished showing use of instruments for testing condensers, also measuring resistances up to 100,000 ohms. The nine scale readings of the meters may be used separately with the jack terminals provided. The scale readings are 0-20-60-300-600 D. C. volts, 0-10-140-700 A. C. volts and 0-15-150 milliamperes. Both A. C. and D. C. filament voltages are accurately measured on the one meter. Contains new wiring with added 7 hole socket. Provision made for testing tubes. Shipping weight 10 lbs. Size 10 $\frac{3}{4}$ "x3 $\frac{1}{2}$ "x8". Cover is removable.

**K11026**—List Price \$25.00. **Your Cost** **\$14.70**

**No. 711**—Set analyzer is a new and up to the minute set and tube tester. Similar to No. 710 except with new Triplett 2" precision D. C. voltmeter with 1000 ohms per volt readings. Voltage scales of 0-15-60-300-600. Charts furnished so this meter can be used to test resistances up to 266, 584 ohms with 4 $\frac{1}{2}$  volt battery. This means that besides point to point measurements, resistance tests as well as voltage tests can be made from the sockets of sets under test. This has never been offered before at such a moderate price.

**K11162**—List Price \$37.50 **Your Cost** **\$22.05**

**No. 610**—This tester contains the same equipment as the No. 710. The panel and all equipment are in a separable tray which sets in the top of an extra large leatherette carrying case which is equipped with a lock. Has space 6 $\frac{1}{4}$ "x13 $\frac{3}{4}$ "x4 $\frac{1}{2}$ " deep for carrying tubes, tools, etc. Test equipment and panel is removable and may be used as a complete test panel for shop use. Case size 14 $\frac{1}{2}$ "x7 $\frac{1}{2}$ ". Shpg. wt. 10 lbs.

**K11013**—List \$30.00 **Your Cost** **\$17.64**

**No. 611**—This tester contains the same equipment as No. 711 but panel and equipment arranged in separable tray similar to No. 610.

**K11163**—List \$42.50 **Your Cost** **\$24.99**

## No. 410 Tube Tester



Equipped with six and seven prong sockets for testing new type tubes. Tests all tubes without adapters. Connects to A. C. supply line. Has illuminated dial. Ideal for dealer's counter use. Easy to operate. A separate button provides for testing both plates of '80 tubes. Equipped with 12 sockets. Provides individual tests of the Triode and Diode plates of tubes 2A7, 6A7, 55 and 85. Tests both plates of '79 and 53, also of new 25Z5, 84, KR98 and 525. A push button provides two plate readings for determining the conductance and worth of a tube. Size 10 $\frac{3}{4}$ "x7 $\frac{1}{4}$ ". 60 cycle A. C. Shpg. wt. 8 lbs.

**K11164**—List \$25.00. **Your Cost** **\$14.70**

## No. 505 Ohmmeter

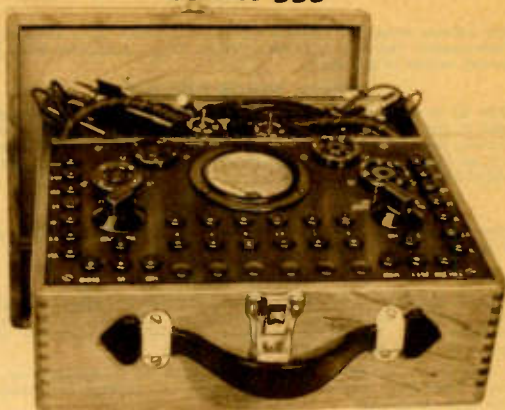
A new resistance measuring instrument with Triplett 2" precision meter. Equipped with 1.5 volt battery. Scale reading 50,000 ohms. Shpg. wt. 4 lbs.

**K11161**—List \$12.00. **Your Cost** **\$7.06**

### Additional Resistors for Higher Readings

Stock No.	Resist.	Volts	Full Scale	Your Cost
K11168	1500	3	100000	\$0.47
K11169	3000	4 $\frac{1}{2}$	150000	.53
K11170	21000	22 $\frac{1}{2}$	750000	.73
K11171	43500	45	1.5 meg.	.73

## Supreme Radio Set Analyzer Model 333



Uses exclusive SUPREME free reference point analysis system to analyze ALL THE NEW TUBES.

**SPECIAL FEATURES:** New improved ohmmeter gives greater accuracy. Grid shift test arranged for positive or negative bias changes. New rectifier circuit, full wave, compensated for temperature. 1,000 ohms per volt A. C. or D. C. Utilizes high voltage D. C. from radio set to test condenser leakage. Six range output meter requiring no adapters. Ranges: D. C. volts, D. C. mls, Output Meter, A. C. volts, 0/2.5/10/25/100/250/1,000; Ohmmeter 0/1,000/10,000/100,000/1,000,000 ohms. Meter also indicates capacity in the following ranges: .002 to .1 mfd., .1 to 1 mfd., 1 to 10 mfd.

A. C. Ranges calibrated for 60 cycle. Write for prices on special ranges. Shpg. wt. 9 lbs.

**K10956**—Your Cost **\$38.71**

## Supreme Portable Universal Tube Checker Model 45



Tests all new tubes at the proper electrode voltage and the first designed to take new tube developments as they come out. Takes all the 4, 5, 6 and small and large 7 prong tubes without adapters. All filaments from 1.5 to 30 volts including top heater types. Tests for gas. Six ten point tap switches allow application of proper potentials to all tube electrodes regardless of arrangement of pin connections. Will test A, B, C, D, Y, Z series including duo-diode connections. For 60 cycle operation. Shipping weight 13 lbs.

**K10955**—Your Cost **\$28.91**

## Write for Our Special Circular on Supreme Test Equipment

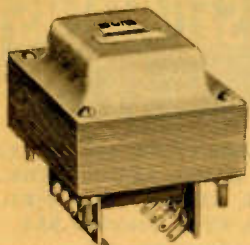
## Philco All Purpose Set Tester



Combines every feature for the practical testing of all types of Radio Receivers from the small A. C.-D. C. sets up to a large public address system. Entirely self-contained, very compact. Signal generator, from 105 to 2000 kilocycles; five ranges of rectifier output meter. Five ranges on A. C. voltmeter; five ranges D. C. voltmeter; three D. C. milliammeter ranges; three ohmmeter ranges; efficient tube tester; capacity meter ranges .01 to 2 mfd. The meter is the highest type jewel movement. D. C. instrument provided with a self-contained rectifier and carefully calibrated to the 22 different ranges. New model radio sets, new tubes or new circuits will not make this instrument obsolete. Complete with all test prods, clips, batteries and tube. Shpg. wt. 17 lbs.

**K10978**—List \$67.50. **Your Cost** **\$39.69**

# Trutest Power Transformers



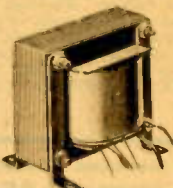
FLUSH

Trutest Power Transformers truly deserve the popularity accorded them by the radio service field. As a power transformer is often both the most important and costly part of a receiver, we have seen to it that Trutest Power Transformers possess a higher rating than any transformers of their kind. You have the protection of a higher safety factor when using Trutest Power Transformers.

In order for a service organization to be profitable it must strive to satisfy its customers. With Trutest Power Transformers as replacements, your customers will be assured of long and satisfactory operation. Furnished in both flush and horizontal mountings in the large variety of sizes given below, these transformers should prove applicable to most any receiver on the market. Even power transformers of

current model receivers using the '82 rectifier can be replaced with Trutest Power Transformers of the flush mounting type.

Experimenters and set builders will find in Trutest Power Transformers a solution to their long-felt wants. Compactness, ease of wiring and general appearance will go far to eliminate that "home made" look. On Flush Mounting Types, soldering lugs terminate on an insulated strip and protrude through the sub-panel. The Upright Horizontal Types have Lug terminals on one side and feet are provided on bases; the slight elevation permitting air circulation under cores. The Flush Mounting Types designed for use with the new '82 rectifier should prove of special interest to those Experimenters and Set Builders wishing to make use of this latest type tube.



HORIZONTAL

## For Short-Wave Converters

MOUNTING AREA:  $3 \times 2\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2$ "  
PRIMARY: 110 volts, 50-60 cycle.  
SECONDARIES: (1) 400 volts C. T. 25 M. A.

- (2) 5 volts, 2 amps. (280 Filament).
- (3) 2.5 volts C. T., 3.5 amps.

Shipping weight 3 lbs.

### Flush Mounting Type

4C1500 **Your Cost Each** **\$1.15**

### Horizontal Mounting Type

Same tube characteristics as above. Size  $2\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{2}$ "  
M. A. Mounting centers  $3\frac{1}{2}$ "  
4C1501 **Your Cost Each** **\$1.25**

## 4 Tube Midget Receivers

For Two  $2\frac{1}{2}$  Volt Heater Tubes, One  $2\frac{1}{2}$  Volt Power Tube and One 280 or One 282 Rectifier

MOUNTING AREA:  $3 \times 2\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2$ "  
PRIMARY: 110 volts 50-60 cycles.  
SECONDARIES: (1) 600 volts C. T. 40 M. A. (plate).

- (2)  $2\frac{1}{2}$  volts 5 amps. C. T. (2 heater and 1 power tube).
- (3) 5 volts 2 amps. (one 280 filament) or  $2\frac{1}{2}$  volts 3 amps. (one 282 filament).

Shipping weight 3 lbs.

### Flush Mounting Type

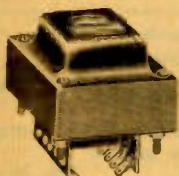
4C1490 Using 280 Rectifier.  
4C1497 Using 82 Rectifier.  
**Your Cost Each** **95¢**

### Horizontal Mounting Type

Same tube characteristics as above. Size  $3 \times 3\frac{1}{2} \times 3$ "  
M. A. Mounting centers  $1\frac{3}{4} \times 2\frac{1}{2}$ "  
4C1502 Using 280 Rectifier. **Your Cost Each** **\$1.05**

## Class B Power Transformer

For Public Address Systems - High Power - Low Cost for 7 Heater Tubes; 3-46s, and 1-83 Rectifier



The release of the Type 46 Double Grid Tube and the Type 83 Mercury Vapor Rectifier makes possible the construction of an amplifier that will deliver 20 watts or more of audio power at a very reasonable cost. In order that full power may be obtained with negligible distortion, it is extremely important that the power supply is carefully designed and have sufficient capacity, since the plate current of the power tubes varies over a wide range with each signal impulse. This Transformer is of the same high quality material, as is all of the

Trutest Power Transformers, carefully selected silicon steel core, high grade copper, insulation of the finest quality. Can be operated at its rated output without heating or any drop in voltage.

MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{1}{4}$ "  
PRIMARY: 120 volt, 50-60 cycle.  
SECONDARIES: 580 580 volts at 175 M. A.

- 5 volts C. T., 3 amps.
- $2\frac{1}{2}$  volts C. T., 3 amps.
- $2\frac{1}{2}$  volts C. T., 10 amps.

Shipping weight 10 lbs. Flush Mounting Type only.

4C1516 **Your Cost Each** **\$4.75**

## 4 Tube Midget Receivers

For Two  $2\frac{1}{2}$  Volt Heater Tubes, One  $2\frac{1}{2}$  Volt Power Tube and One 280 or 82

MOUNTING AREA:  $2\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{4} \times 2\frac{1}{2}$ "  
PRIMARY: 110 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C. T. 50 M. A. (plate).

- (2) 5 volts, 2 amps. (one 280 filament), or  $2\frac{1}{2}$  volts, 3 amps. (one 282 filament).
- (3) 2.5 volt C. T., 5 amps. (2 heaters and 1 power tube).

Shipping weight 3 lbs.

### Flush Mounting Type

4C1494 Using 280 Rectifier.  
4C1496 Using 82 Rectifier. **Your Cost Each** **\$1.25**

### Horizontal Mounting Type

Size  $3 \times 3\frac{3}{4}$ "  
M. A. Mounting centers  $1\frac{3}{4} \times 2\frac{1}{2}$ "  
4C1495 Using 280 Rectifier. **Your Cost Each** **\$1.35**

## 5 and 6 Tube Receivers

For Three or Four  $2\frac{1}{2}$  Volt Heater Tubes, One  $2\frac{1}{2}$  Volt Power Tube and One 280 or 282 Rectifier

MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3\frac{1}{2} \times 2\frac{1}{2}$ "  
PRIMARY: 110 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C. T. 70 M. A. (plate).

- (2) 5 volts, 2 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament).
- (3) 2.5 volts, 8.75 amps. (3 or 4 heaters and 1 power tube).

Shipping weight 6 lbs.

### Flush Mounting Type

4C1492 Using 280 Rectifier.  
4C1498 Using 82 Rectifier. **Your Cost Each** **\$1.38**

### Horizontal Mounting Type

Size  $3 \times 3\frac{3}{4} \times 3\frac{1}{4}$ "  
M. A. Mounting centers  $3\frac{1}{4} \times 2$ "  
4C1504 Using 280 Rectifier. **Your Cost Each** **\$1.50**

## For Use With the New Type Tubes

Up to 8 Heater Type Tubes

2 of the New 2A3 Power Tubes

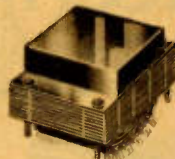
### 1-83 Rectifier

A power transformer designed for use with the new type tubes: A receiver or amplifier utilizing the above tubes will deliver power output and tone quality equal to, or better than a P. P. 250 amplifier, and at less than half the cost of component parts. A 12 tube super-het coil kit, on page No. 38, using the above tubes, in which this transformer is used in the construction of this receiver.

MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{3}{4}$ "  
PRIMARY: 120 volt, 50-60 cycle.  
SECONDARIES: 400/400 at 150 M. A.  
 $2\frac{1}{2}$  volts C. T. 5 Amp.  
 $2\frac{1}{2}$  volts C. T. 12 Amp.  
5 volts 3 Amp.

Shpg. wt. 10 lbs. Flush mounting type.

4C1517 **Your Cost, Special** **\$4.50**



## 6 Tube Receivers Push-Pull Power Tubes

For Three  $2\frac{1}{2}$  Volt Heater Tubes, Two  $2\frac{1}{2}$  Volt Power Tubes and One 280 Rectifier

MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 3\frac{1}{2}$ "  
PRIMARY: 110 volts, 50-60 cycles.  
SECONDARIES: (1) 660 volts C. T. 80 M. A.

- (2) 5 volts, 2 amps. (280 filament).
- (3) 2.5 volts, C. T. (2 power tubes).
- (4) 2.5 volts, 5.25 amps. (3 heaters).

Shipping weight 8 lbs.

### Flush Mounting Type

4C1505 **Your Cost Each** **\$1.75**

### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers  $3\frac{1}{4} \times 2$ "

4C1506 **Your Cost Each** **\$1.85**

## 7 and 8 Tube Receivers

For Four or Five  $2\frac{1}{2}$  Volt Heater Tubes, Two  $2\frac{1}{2}$  Volt Power Tubes and One 280 or 282 Rectifier

MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3\frac{1}{4} \times 2\frac{1}{2}$ "  
PRIMARY: 110 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C. T. 110 M. A. (plate).

- (2) 5 volts, 2 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament).
- (3) 2.5 volts C. T., 3 amps. (2 power tubes).
- (4) 2.5 volts, 8.5 amps. (Four or five heater tubes).

Shipping weight 8 lbs.

### Flush Mounting Type

4C1507 Using 280 Rectifier.  
4C1499 Using 82 Rectifier. **Your Cost Each** **\$1.95**

### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers  $3\frac{1}{4} \times 2$ "

4C1508 Using 280 Rectifier. **Your Cost Each** **\$2.10**

## 9 and 10 Tube Receivers

MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{1}{4}$ "  
PRIMARY: 110 volts, 60 cycle.

SECONDARIES: (1) 720 volts C. T. 110 M. A.

- (2) 5 volts at 2 amps. (280).
- (3) 2.5 volts at 3 amps.
- (4) 2.5 volts at 12.25 amps.

Shipping weight 9 lbs.

### Flush Mounting Type

4C1509 **Your Cost** **\$2.25**

### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers  $2\frac{1}{2} \times 3\frac{1}{4}$ "

4C1510 **Your Cost Each** **\$2.40**

HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It

# RCA RADIOLA VICTOR



## Brand New Victor Replacement Power Transformer

Models R-32, R-52, RE-45 and RE-75



To meet the ever increasing demand for a quality replacement power transformer for the above Victor Models, at a reasonable price, we have developed a replacement transformer that is guaranteed to be better than the original transformer in every respect. In order to furnish a guaranteed replacement we made no effort to copy the original power transformer. The original transformer, as did many so-called replacements, fell far short of good engineering practice and to duplicate would mean further trouble. This replacement transformer is conservatively rated, there is no skimping, no border line ratings. Through the liberal use of iron, copper and insulating materials, the basic materials in the makeup of this transformer, insures a dependable replacement unit. Utilizes the following tubes: 6-26s; 1-27; 2-45s and 1-80. Fully shielded in a heavy gauge case. In order to allow for the over-size transformer, the metal container is larger in height but will fit the chassis exactly. Terminal lug arrangement number same as the original. NO CHANGES NECESSARY TO INSTALL THIS REPLACEMENT UNIT. Shipping weight 13 lbs.

**C2185—Your Cost \$2.65**

# POWER TRANSFORMERS

Radiola Models 17, 18, 33, 50, 51; Brunswick 2KRO, 3KRO, 3KR6, 5KR, 5KRO, 5KR6; Victor 7-11, 7-25, 7-26, 17-8; Graybar 311

R.C.A. PART NO. 8335  
Part 8287-8335. Genuine replacement. 50-60 cycle. Shpg. wt. 9 lbs.  
**C2150—Your Cost \$1.45**  
Part No. 8340. 25 cycle operation. Genuine replacement. Shpg. wt. 11 lbs.  
**C2151—Your Cost \$3.25**



Radiola Models 44, 46, 47  
Graybar 500-550

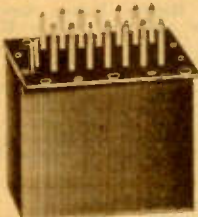
Part No. 8472. Exact duplicate of the original. Shpg. wt. 10 lbs.  
**C2152—Your Cost \$2.75**  
Part No. 8473. Exact duplicate of the original. 25 cycle operation. Shpg. wt. 13 lbs.  
**C2192—Your Cost \$4.45**

RCA Victor Models R-50, R-55, RE-20, RAE-59 and RAE-79  
General Electric H-32, H-72  
Graybar Model GB-100



Original replacement. Supplies voltages for 7 heater tubes; 2-47s and 1-80. Shipping weight 15 lbs.  
**C2190—Your Cost \$3.95**

Genuine Radiola Power Transformer for RCA Models 64, 67  
Victor Models 9-18, 9-54



This is the brand new, Genuine RCA-Radiola Power Transformer for the above models. They were manufactured by Westinghouse for replacement in these receivers. It is practically an impossibility to manufacture a replacement for these receivers at a price below what we are asking. For 8-27s, 1-50 and 2-81s. 110-120 volt, 50-60 cycle. Shipping weight 25 lbs.  
**C2157—Your Cost \$9.25**  
For 110-120 volt, 25 cycle. Shipping weight 29 lbs.  
**C2198—Your Cost \$14.45**

RCA Victor Models R-11, 18 and 18-A, RAE-26, R-21  
General Electric K-62  
Graybar Model GB-9  
Westinghouse WR-15

Original replacement power transformer for the above receivers. Supplies plate and filament voltages for the following tubes: 6 heater tubes; 2-47s and 1-80. Shipping weight 9 lbs.  
**C2189—Your Cost \$3.95**



Radiola Model 41



These are the genuine RCA power transformers for use with this receiver. Supplies filament and plate voltages for 4-26s; 1-27; 1-10, and 1-80 tubes. There are two types of power packs used with this set. For **STERLING PACK**, mounted in heavy cardboard container. RCA No. 8399. Shipping weight 9 lbs.  
**C2159—Your Cost \$2.50**  
For **RECEPTOR PACK**, mounting brackets. RCA No. 8405. Shipping weight 7 lbs.  
**C2160—Your Cost, Either Type \$3.75**

RCA Victor R-7 "Superette"  
General Electric S-22  
Graybar 8 Midset

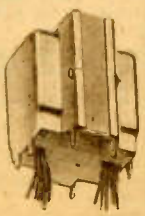
Similar in appearance to above. An exact duplicate of the original transformer. Supplies filament and plate voltages for the following tubes: 2-35s; 2-27s; 1-24; 2-45s and 1-80. This transformer is made from the finest quality merchandise. Shipping weight 7 lbs.  
**C2187—Your Cost \$2.25**

RCA-Victor Models, R-8, R-10, R-12; G. E. Models J-80, J-85, S-132; Graybar GC-8, GC-14, GB989

Genuine Replacement Part No. 7344, for 110 v. 60 cycle.  
**C2112—List \$8.00—Your Cost \$3.50**  
Same as above, except 110 v. 25 cycle, Part No. 8770.  
**C2113—List \$12.00—Your Cost \$5.25**  
Same as above, except 220 v. 50-60 cycle. Part No. 8771.  
**C2114—List \$9.00—Your Cost \$3.75**  
**G. E. Models J-100, J-107**  
Replacement Part No. 8932. 110 v. 60 cycle.  
**C2115—Your Cost \$3.50**

Radiola Models 42 and 48  
Victor Models 14, 15 and 17  
Westinghouse Model WR-4  
General Electric Model T-41  
Graybar 678, RC-3

The genuine RCA power transformer for the above receivers, utilizing 4-24s; 2-45s and 1-80 tubes. Brand new and guaranteed. RCA part No. 8609. Shipping weight 9 lbs. 110 volt, 60 cycle.  
**C2155—Your Cost \$1.55**  
For 120 volt, 25 cycle operation. Shipping weight 11 lbs.  
**C2143—Your Cost \$3.95**



Radiola Models 60 and 62  
Brunswick 3NC-8, 5NC-8  
Graybar Model 340

Part No. 8344. Exact duplicate of the original. 50-60 cycle. Shpg. wt. 10 lbs.  
**C2153—Your Cost \$2.75**  
Part No. 8350. Exact duplicate of the original. 25 cycle operation. Shpg. wt. 12 lbs.  
**C2191—Your Cost \$4.45**

Radiola Model 66  
Graybar Model 600

Part No. 8483. Exact duplicate of the original. 50-60 cycle. Shpg. wt. 13 lbs.  
**C2154—Your Cost \$2.75**  
Part No. 8484. Genuine replacement. 25 cycle operation. Shpg. wt. 15 lbs.  
**C2193—Your Cost \$4.95**

Radiola Models 80, 82, 86  
Graybar Models 700, 770, 900  
General Electric H31, 51, 71  
Westinghouse Models WR 5, 6, 7, 8

Part No. 8556. Genuine replacement. 50-60 cycle. Shpg. wt. 15 lbs.  
**C2156—Your Cost \$1.65**  
Part No. 8596. Genuine replacement. 25 cycle operation. Shpg. wt. 18 lbs.  
**C2141—Your Cost \$2.95**

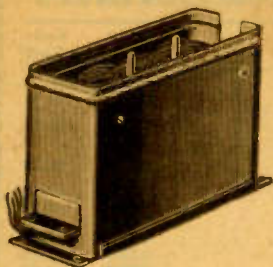
Victor Models 35, 39, RE57, RE73  
Part No. 10917. Genuine replacement. 50-60 cycle. Shpg. wt. 15 lbs.  
**C2195—Your Cost \$1.65**  
Part No. 10915. Genuine replacement. 25 cycle operation. Shpg. wt. 18 lbs.  
**C2442—Your Cost \$3.25**

RCA BI-Acoustic R-78  
General Electric J125  
Replacement Part No. 8913.  
**C2116—List \$12.00—Your Cost \$4.75**

RCA Victor Models R-71, R-72  
G. E. J-8 SERIES  
Replacement No. 8918.  
**C2117—Your Cost \$3.25**  
G. E. MODEL J-72  
Replacement Part No. 7560.  
**C2118—Your Cost \$2.50**  
G. E. MODELS J-83, J-87  
Replacement Part No. 7551.  
**C2119—Your Cost \$2.75**



# Atwater-Kent Power Units



These are the first high quality Replacement Power Packs to be offered for Atwater-Kent receivers. Heretofore servicemen have had to accept makeshift packs assembled from reclaimed and surplus material, which naturally gave poor and short lived service. By contracting for a large quantity of these units we were able to get packs made up from brand new first quality materials that were made especially for the purpose. They are equal or superior to the original units. Color coded exactly like the originals. Planograph of hook-up furnished with each unit.

**For Models 40, 56 and 57**

Shipping weight 17 lbs. **\$4.95**  
B1381 Your Cost

**For Models 42, 44, 45 and 52**

Shipping weight 17 lbs. **\$4.95**  
B1376 Your Cost

**For Models 43, 46, 47 and 53**

Shipping weight 19 lbs. **\$7.25**  
B1375 Your Cost

# Trutest Majestic Condenser Blocks



For replacement in Majestic "B" Eliminators. You would not want better blocks than these sturdy units. This block is built exactly to the original in accordance with the exact Majestic specifications from brand new first grade merchandise, guaranteed as to quality. They will give you the kind of service you have a right to expect for your money. Composed of new high voltage condensers, scientifically designed, and carefully built to give long and satisfactory service.

**For Majestic 7BP6**

(Sets with 171 Type Tube)  
Size 8 3/4 x 2 1/2 x 4 1/2". Shipping weight 6 lbs  
B1070 **\$1.65**  
Your Cost Each

**For Majestic 9BP6**

(Sets with 245 Type Tubes)  
Size 8 3/4 x 2 1/2 x 4 1/2". Shipping weight 4 lbs.  
B1067 **\$1.95**  
Your Cost Each

**For Majestic 8BP6**

(Sets with 250 Type Tubes)  
1000 volt test Condensers. Size 8 3/4 x 2 1/2 x 4 1/2".  
Shipping weight 6 lbs.  
B1069 Your Cost Each **\$3.75**

**For Majestic "A" Eliminators**

Size 3 1/2 x 3 1/4 x 7 3/8". Shipping weight 4 lbs.  
B849 **\$2.45**  
Your Cost Each

# Trutest Condenser Blocks

For  
**A.K. 37  
and 38**

**\$1.85**



These blocks, built to the exact specifications of the originals contain filter condenser block and 3 chokes, two high voltage filter chokes and one speaker choke. By placing an order for a huge quantity of these units we are in a position to bring the Serviceman a thoroughly reliable unit for about the same price others are asking for surplus and deteriorated materials. These are brand new and Guaranteed. Why take a chance with others? Shpg. wt. 7 lbs.  
B1378 **\$1.85**  
Your Cost Each

For "B" Eliminators

Super  
"B"

Master  
"B"

Special  
Master  
"B"



B848 For Majestic Super "B" **\$1.95**  
Your Cost Each

B847 For Majestic Master "B" **\$1.95**  
Your Cost Each

B846 For Majestic Special Master "B" **\$1.95**  
Your Cost Each

# Trutest Universal Replacement Power Transformers

Built for Extra Heavy Duty Service

The most complete line of universal replacement power transformers, with flexible tube combinations and adjustable mounting frames that permit an adequate range of mounting adjustments for all practical purposes. They are so ingeniously designed and so expertly built that there is hardly a receiver of standard make that can not be honestly and economically serviced by means of one of these types listed on this page. We say honestly because we know their electrical characteristics to be right by actual use, and because we know them to be a quality product of a reputable manufacturer.

For efficiency, durability and stability under general operating conditions, these transformers are unsurpassed. You are prepared for any emergency by carrying one or two of each of these types on your shelves at all times. One each enables you to service over 250 different sets on short notice. The very finest grade of copper, insulation and steel is used in the manufacture of these products. No skimping, no border line ratings. Especially built over-size to afford a large safety factor. Equipped with soldering lugs mounted on a fibre strip.

## Physical Dimensions

For 5-227's, or 224's, 1-245 or 247, 1-280.  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 700 volts C. T. 70 M. A. (plate)  
(2) 5 volts C. T. 2 amps. (1-280 filament)  
(3) 2.5 volts C. T. 1.5 amps. (1-245 or 247 filament)  
(4) 2.5 volts C. T. 8.75 amps. (5-227's or 224's filament). Shipping weight 6 lbs.  
110 volts 50-60 cycles.  
C1477 Your Cost **\$2.20**

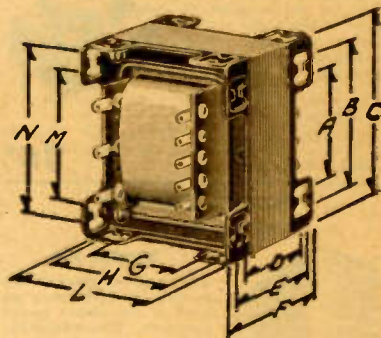
For 110 volts 25 cycles. Shipping weight 10 lbs.  
C1467 **\$3.95**  
Your Cost

For 7-227's, or 224's, 2-245's or 247's, 1-280.  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 700 volts C. T. 110 M. A. (plate)  
(2) 5 volts C. T. 2 amps. (1-280 filament)  
(3) 2.5 volts C. T. 3 amps. (2-245's or 247's filament)  
(4) 2.5 volts C. T. 12.25 amps. (7-227's or 224's filament). Shipping weight 10 lbs.  
110 volts 50-60 cycles.  
C1475 Your Cost **\$2.85**

For 110 volts 25 cycles. Shipping weight 15 lbs.  
C1465 **\$4.50**  
Your Cost

C1463, C1476, C1477		
A - 2 1/2"	B - 2 1/2"	C - 3 3/4"
D - 1 3/8"	E - 2 1/2"	F - 2 1/2"
G - 1 1/8"	H - 2 1/2"	L - 3 1/2"
M - 2 3/8"	N - 3 1/2"	
C1475		
A - 2 1/2"	B - 3 1/2"	C - 4 1/2"
D - 2 1/2"	E - 3 1/2"	F - 3 1/2"
G - 2 3/8"	H - 3 1/2"	L - 3 3/4"
M - 3 3/8"	N - 4 1/2"	
25 CYCLE		
C1464, C1466, C1467		
A - 2 1/2"	B - 2 1/2"	C - 3 1/2"
D - 3 1/2"	E - 3 1/2"	F - 4 1/2"
G - 1 1/8"	H - 2 1/2"	L - 3 1/2"
M - 2 3/8"	N - 3 1/2"	
C1465		
A - 2 1/2"	B - 3 1/2"	C - 4 1/2"
D - 3 3/8"	E - 4 3/8"	F - 5 3/8"
G - 2 3/8"	H - 3 1/2"	L - 3 3/4"
M - 3 3/8"	N - 4 1/2"	

We carry in stock at all times, a most complete line of every type and style of power transformers. Special power transformers, requiring different type windings, can be supplied at a most reasonable cost, to your own specifications. We will be pleased to quote on large quantities to jobbers and set manufacturers.



For 6-226's, 1-227, 2-171A's, 1-280  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 570 volts C. T. 70 M. A. (plate)  
(2) 5 volts C. T. 2 amps. (1-280 filament)  
(3) 2.5 volts C. T. 1.75 amps. (1-227 filament)  
(4) 5 volts C. T. 1/2 amp. (2-171A's filament)  
(5) 1.5 volts 6.3 amps. (6-226's filament)  
Shipping weight 6 lbs.  
110 volts 50-60 cycles.  
C1476 Your Cost **\$2.65**  
For 110 volts 25 cycles. Shipping weight 10 lbs.  
C1466 Your Cost **\$3.95**

For 6-227's, or 224's, 2-171A's, 1-280  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 570 volts C. T. 70 M. A. (plate)  
(2) 5 volts C. T. 2 amps. (1-280 filament)  
(3) 5 volts C. T. 1/2 amp. (2-171A's filament)  
(4) 2 1/2 volts C. T. 10 1/2 amps. (6-227's or 224's filament) Shipping weight 6 lbs.  
110 volts 50-60 cycles.  
C1463 Your Cost **\$2.75**  
For 110 volts 25 cycles. Shipping weight 10 lbs.  
C1464 Your Cost **\$3.95**

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

## Atwater-Kent Models 37-38

For replacement in the above receivers: this transformer is guaranteed to give satisfaction; built along the lines of the original, except with a larger safety factor. Utilizes 4-26s; 1-27; 1-71A; 1-80. Size 5x3 $\frac{1}{2}$ x4 $\frac{1}{4}$ ". Shipping weight 9 lbs.



**C2255**  
Your Cost.

**\$1.45**

## For Atwater-Kent Models 70, 72, 75, L-1, L-2, H-1, H-2

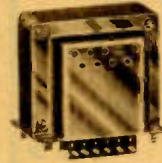


An exact duplicate of the original Atwater-Kent Power Transformer used in the above models. Has the special high voltage secondary winding as used on the original. Extra heavy duty filament winding. No changes necessary to

install this unit. Shpg. wt. 6 lbs. **\$3.95**  
**C2440** Your Cost

## Power Transformer

For Apex Models 29 and 31 Series Montgomery-Ward Models 3035, 3037, 3065, 3067



The original replacement transformer for above receivers. 2 $\frac{1}{2}$ -volt winding for 5 heater and 2 power tubes, 5-volt for 280 tube, and high voltage winding, 120-volt, 60 cycle primary. Fully shielded. Brand new. Shipping weight 10 lbs.  
**C2212**  
Your Cost **\$4.25**

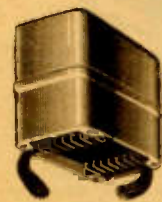
## Power Transformer for 4 and 5 Tube Receivers

Here is a midget power transformer that can be used for replacement in many of the 4 and 5 tube midget receivers. Flush mounting type. Has the following windings: 2 $\frac{1}{2}$  volts at 7 amps.; C. T. 5 v. at 2 amp. 340/340 volts at 50 M. A. 115 volt, 50-60 cycle primary. Size 3x2 $\frac{1}{2}$ x1 $\frac{3}{8}$ ". Mounting centers, 2 $\frac{1}{2}$ x2". Shpg. wt. 4 lbs. **70c**  
**C2431** Your Cost



## Bosch Power Transformers

### Model 28



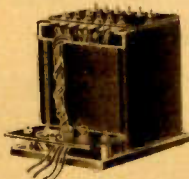
This is the original Bosch power Transformer as used in the above model receivers. Also adaptable for sets using the following tubes: 4-26s; 1-27; 2-71As and 1-80. Shipping weight 10 lbs.

**C2254**  
Your Cost **\$2.95**

## Steinite Replacement Power Pack

Models 261, 262

Complete Power Transformer. Condenser, Chokes and Resistors. Made especially for replacement in Steinite Models 261-262. All contained in a heavy gauge metal case. Terminal board for connections. Bakelite strip with 280 socket. Completely wired, ready for operation. For any set using 5-26s, 1-27, 2-71s and 1-80 tubes. 110-volt, 60-cycle. Shipping weight 13 lbs.  
**B942**



Your Cost, Special.

**\$5.85**

# Replacement Power Transformers

Name of Radio	Model	Stock No.	Your Cost	
<b>ALL AMERICAN MOHAWK</b>	Lyric 90.....	<b>C2200</b>	<b>\$3.75</b>	
	D and H.....	<b>C2201</b>	<b>3.95</b>	
<b>AMRAD</b>	81 Bel Canto Series.	<b>C2281</b>	<b>\$3.10</b>	
	7191.....	<b>C2215</b>	<b>3.50</b>	
<b>ARGUS</b> .....	195-B.....	<b>C2213</b>	<b>\$6.95</b>	
<b>APEX</b>	26 Gloritone.....	<b>C2205</b>	<b>\$2.35</b>	
	36 and 37.....	<b>C2206</b>	<b>4.25</b>	
	41.....	<b>C2207</b>	<b>4.95</b>	
	28-A, 29 and 31.....	<b>C2212</b>	<b>4.25</b>	
	46, 47 and 48.....	<b>C2208</b>	<b>3.95</b>	
	99.....	<b>C2209</b>	<b>3.95</b>	
	Case 80.....	<b>C2210</b>	<b>3.95</b>	
	8-B.....	<b>C2211</b>	<b>4.50</b>	
	<b>ATWATER-KENT</b>	37 and 38.....	<b>C2255</b>	<b>\$1.45</b>
		40, 56, 57 Complete Pack.	<b>B1381</b>	<b>4.95</b>
42, 44, 45, 52 Complete Pack.		<b>B1376</b>	<b>4.95</b>	
43, 46, 47, 53 Complete Pack.		<b>B1375</b>	<b>7.25</b>	
55 and 55-C.....		<b>C2250</b>	<b>3.70</b>	
60 and 60-C.....		<b>C2246</b>	<b>3.70</b>	
66 Filament Transformer.		<b>C2245</b>	<b>3.25</b>	
66 Plate Transformer.....		<b>C2244</b>	<b>5.25</b>	
<b>BALKITE</b> .....		A-3, A-5, A-7.....	<b>C2203</b>	<b>\$4.50</b>
		<b>BOSCH</b>	28.....	<b>C2254</b>
29-A.....	<b>C2336</b>		<b>4.20</b>	
48.....	<b>C2260</b>		<b>3.60</b>	
49 (25 cycle).....	<b>C2248</b>		<b>7.95</b>	
58.....	<b>C2261</b>		<b>3.60</b>	
60.....	<b>C2262</b>		<b>3.70</b>	
133.....	<b>C2202</b>		<b>3.50</b>	
Model 20.....	<b>C2432</b>		<b>\$3.50</b>	
Model 250-P.....	<b>C2433</b>		<b>4.90</b>	
<b>BRANDES</b>	B-10 and B-11.....		<b>C2050</b>	<b>\$2.95</b>
	B-15 and B-16.....	<b>C2051</b>	<b>4.70</b>	
<b>BREMER-TULLY</b>	6-40, 6-41.....	<b>C2220</b>	<b>\$3.25</b>	
	S-14, S-21, S-81, S-82.....	<b>C2365</b>	<b>3.95</b>	
	770, 771.....	<b>C2220</b>	<b>3.50</b>	
<b>BRUNSWICK</b>	2-KRO, 3-KRO, 3-KR6, 5-KR, 5-KRO, 5-KR6.....	<b>C2150</b>	<b>\$1.65</b>	
	2-KRO, 3-KRO, etc. 25 cycle.....	<b>C2151</b>	<b>3.25</b>	
	3-NC8 and 5-NC8.....	<b>C2153</b>	<b>2.75</b>	
	3-NC8 and 5-NC8, 25 cycle.....	<b>C2116</b>	<b>4.75</b>	
	S-14, S-21, S-81, S-82.....	<b>C2365</b>	<b>3.95</b>	
	<b>CLARION</b> .....	51, 53 and 55.....	<b>C2233</b>	<b>\$4.45</b>
60.....		<b>C2232</b>	<b>4.50</b>	
90.....		<b>C2234</b>	<b>4.50</b>	
<b>COLONIAL</b>		31.....	<b>C2363</b>	<b>\$3.75</b>
	32.....	<b>C2279</b>	<b>3.50</b>	
	33 and 35.....	<b>C2280</b>	<b>3.75</b>	
	36-114, 38-117, 39-125.....	<b>C2225</b>	<b>3.45</b>	
	44.....	<b>C2226</b>	<b>3.48</b>	
47.....	<b>C2227</b>	<b>3.45</b>		
<b>COLUMBIA</b> .....	Screen Grid 9.....	<b>C2434</b>	<b>4.45</b>	
<b>COLUMBIA-KOLSTER</b>	930-300.....	<b>C2057</b>	<b>\$6.75</b>	
	931.....	<b>C2058</b>	<b>6.75</b>	
	950.....	<b>C2059</b>	<b>4.65</b>	
<b>COLUMBIA RADIO</b> .....	Screen Grid 8.....	<b>C2305</b>	<b>\$3.95</b>	
<b>CROSLEY</b>	Power Converters, 104-105-106 Bandbox.....	<b>C1882</b>	<b>\$1.45</b>	
	602 Bandbox.....	<b>C1888</b>	<b>1.45</b>	
	AC-7.....	<b>C1890</b>	<b>1.10</b>	
	Power Converters 104-R and 105-R.....	<b>C1889</b>	<b>1.45</b>	
	608.....	<b>C1884</b>	<b>.90</b>	
	608, 25 cycle.....	<b>C1885</b>	<b>1.75</b>	
	704.....	<b>C1887</b>	<b>1.95</b>	
	704-A.....	<b>C1886</b>	<b>1.95</b>	
	30-S, 31-S, 33-S and 34-S.....	<b>C1883</b>	<b>1.25</b>	
	706 Showbox and 704-B.....	<b>C1850</b>	<b>3.25</b>	
	40-S, 41-S, 42-S and 82-S.....	<b>C1851</b>	<b>4.95</b>	
	32, 40 and 41.....	<b>C1852</b>	<b>3.95</b>	
41-A and 42-A.....	<b>C1853</b>	<b>3.95</b>		
<b>DAYFAN (General Motors)</b>	A-5003, A-5091.....	<b>C2230</b>	<b>\$4.45</b>	
	A-5005 Series, 4041.....	<b>C2231</b>	<b>5.25</b>	
<b>EARL</b>	21 and 22.....	<b>C2286</b>	<b>\$2.90</b>	
	24, 31, 32, 33 and 41.....	<b>C2287</b>	<b>3.95</b>	
	24, 31, 32, 33 and 41. coil only.....	<b>C2288</b>	<b>1.95</b>	
<b>EDISON</b>	R-4, R-5 and C-4.....	<b>C2251</b>	<b>\$4.45</b>	
	R-4, R-5 and C-4, 25 cycle.....	<b>C2252</b>	<b>5.75</b>	
	R-6 and R-7.....	<b>C2306</b>	<b>3.89</b>	
	R-1, R-2 and C-2 (Plate trans.).....	<b>C2356</b>	<b>2.70</b>	
	R-1, R-2 and C-2 (Filament Transf.).....	<b>C2338</b>	<b>4.75</b>	
<b>EVEREADY</b>	1, 2 and 3.....	<b>C2254</b>	<b>\$2.95</b>	
	30 series.....	<b>C2283</b>	<b>2.85</b>	
	40 and 50 series.....	<b>C2284</b>	<b>2.80</b>	
<b>FAOA</b>	10, 11, 16, 17, 20, 30, 31 and 32.....	<b>C2277</b>	<b>\$3.40</b>	
	25.....	<b>C2351</b>	<b>3.95</b>	
	35 and 35-B.....	<b>C2352</b>	<b>3.95</b>	
	41, 42, 44, 46 and 47.....	<b>C2353</b>	<b>3.40</b>	
	43.....	<b>C2354</b>	<b>3.45</b>	
	50, 70, 71, 72 for E-420 Power Unit.....	<b>C2355</b>	<b>3.95</b>	
	50, 70, 71, 72 for 180 Power Unit.....	<b>C2356</b>	<b>3.45</b>	
	75 and 77.....	<b>C2357</b>	<b>3.95</b>	
45 (KU).....	<b>C2358</b>	<b>3.45</b>		

## Replacement Power Transformers - Continued

Name of Radio	Model	Stock No.	Your Cost	
<b>FREED</b>	55 and 56	C2286	\$2.70	
	65, 78, 79, 90 and 95	C2287	3.95	
	65, 78, 79, 90 and 95, coil only	C2288	1.95	
<b>FREED-EISEMANN</b>	NR-57 and NR-60	C2285	\$3.75	
	NR-80	C2323	3.90	
	NR-85	C2321	3.95	
	Model NR-11—411 Pack	C2435	6.75	
<b>FRESHMAN</b>	"Q," 60 cycle	C2263	\$1.95	
	"Q," 25 cycle	C2273	4.95	
	"QD", 60 cycle	C2264	3.95	
	"QD", 25 cycle	C2274	5.45	
	"ERAC", 60 cycle	C2308	4.85	
	G-60-S Plate Transformer	C2311	2.25	
	Amplifier Transformer (1-281 & 1-210)	C2312	2.35	
	N-60-S Power Supply, 60 cycle	C2313	5.25	
	N-60-S Power Supply, 25 Cycle	C2314	5.50	
	"EAC"	C2349	4.70	
	Model H Plate Transformer	C2436	5.95	
<b>GENERAL ELECTRIC</b> See RCA Listing on Page 16.				
<b>GENERAL MOTORS</b>	"A" Chassis, 120, 130, 140, 150, 160	C2278	\$3.65	
	MA and MB Chassis for 110, 180, 190	C2221	3.50	
	253, 254, 255, 256, 257, 258	C2222	4.50	
<b>GRAYBAR</b>	311, 60 cycle	C2150	\$1.45	
	311, 25 cycle	C2151	3.25	
	500 and 550, 60 cycle	C2152	2.75	
	500 and 550, 25 cycle	C2192	4.45	
	340, 60 cycle	C2153	2.75	
	340, 25 cycle	C2191	4.45	
	678, RC-3, 60 cycle	C2155	1.50	
	678, RC-3, 25 cycle	C2143	3.95	
	678, RC-3, 220 volt	C2144	4.75	
	680, 60 cycle	C2154	2.75	
	680, 25 cycle	C2193	4.95	
	700, 770, 900, 60 cycle	C2156	1.65	
	700, 770, 900, 25 cycle	C2141	2.95	
	700, 770, 900, 220 volt	C2142	3.75	
	Midget 8, 60 cycle	C2187	2.25	
	Midget 8, 25 cycle	C2145	3.95	
	Midget 8, 220 volt	C2146	4.10	
	Graybarette No. 4, 60 cycle	C2188	1.65	
	Graybarette No. 4, 25 cycle	C2147	3.25	
	Graybarette No. 4, 220 volt	C2148	3.70	
	GB-9, 60 cycle	C2189	3.95	
GB-9, 25 cycle	C2149	5.25		
GB-9, 220 volt	C2069	5.25		
GB-100, 60 cycle	C2190	3.95		
<b>GREBE</b>	SK-4	C2235	\$3.40	
	HS-4	C2223	2.90	
	AC-6	C2234	3.45	
<b>GULBRANSEN</b>	Series 63, AC-6	C2238	\$7.20	
	AC-8	C2315	6.40	
	"C", 9 in Line	C2316	7.06	
	Champion Jr., 7 tube	C2317	6.33	
	Series 13, 7 tube	C2239	3.38	
Series 20, 10 tube	C2240	3.97		
<b>HAMMERLUND</b>	High Q 30 Transformer-Choke	C2437	4.45	
<b>KELLOGG</b>	K-50, 524, 525, 527 and 528	C2360	\$6.50	
	K-45, 523, 526, 533, 535, 536	C2395	4.50	
<b>KENNEDY</b>	10 and 20	C2359	\$3.95	
	26 and 34	C2390	3.95	
<b>KNIGHT</b>	8/9 (Transformer and Choke)	C2361	\$3.90	
<b>KOLSTER</b>	K-20, K-21, K-22, K-23, K-25, 60 cycle	C2052	\$4.25	
	K-20, K-21, K-22, K-23, K-25, 25 cycle	C2053	5.95	
	K-24	C2054	5.30	
	K-43 and K-48	C2051	4.70	
	K-44	C2055	6.50	
	6-J and 6-K	C2066	3.75	
	6-L	C2080	3.50	
	International K-60 and K-70	C2067	3.75	
	International K-80 and K-90	C2068	3.75	
	<b>LOFTIN-WHITE</b>	245-247 Amplifier	C2295	\$2.50
260 p.p. Amplifier		C2294	7.75	
<b>MAJESTIC</b>	70, 71, 72, 7-BP6, Plate-Filament	C2125	\$3.95	
	90, 91, 92, 9-BP6, Plate-Filament	C2126	2.90	
	180, 8-BP6, Plate Transformer	C2169	4.25	
	180, 8-BP6, Plate-Filament	C2135	7.00	
	70 Series, Plate Transformer 7-BP6	C2104	.90	
	70 Series, Filament Transformer 7-BP6	C2105	.90	
	90-B and 100-B	C2127	4.40	
	Chassis 15: 151, 153, 154	C1491	2.30	
	Chassis 20: 21, 22, 23	C2129	3.95	
	Chassis 60: 61, 62, 163	C2131	3.95	
	Chassis 50: 52	C2132	3.95	
	Chassis 130: 130, 131, 132	C2130	3.75	
	200 Series	C2136	3.95	
	25 Series	C2128	3.25	
	<b>"A" AND "B" ELIMINATORS</b>			
	Master "B" and Super "B"	C2367	\$2.25	
	Special Master "B"	C2368	2.50	
"A" Eliminator	C2133	3.75		
<b>PEERLESS</b>	Series 20 Electrostatic	C2140	\$4.75	
	Courier 65: 651, 652 and 653	C2290	2.50	

### Trutest Tube Tester Filament Transformer

1½, 2, 2½, 3.3, 5, 6.3, 7½, 15, 25,  
and 30 Volts; at 2 Amps.

A high quality filament transformer for replacement in standard tube testers. Voltages for all type tubes including battery tubes and new auto tubes. Very compact in size, no larger than an audio transformer. Color-coded flexible leads. Primary tapped at 105, 115 and 125 volt, 60-60 cycle. Secondary is single winding with the correct voltages tapped. Size 2¼x2x2¼". Mounting centers 3½". Shipping weight 3 lbs. **C1967—Your Cost \$1.45**



### Trutest Filament Transformer

2½ Volts at 10½  
Amperes

Made to our own specifications by one of America's largest transformer manufacturers. Rugged and well made; guaranteed to deliver the rated voltages and load without heating. 110 volt primary. 1000 volt insulation. Size 3x2x2¼". Shipping weight 3 lbs. **C2383 Your Cost \$1.05**

Same as above, except uncased, 2½ volts at 10½ amperes, semi-open type, strap mounting. **C2387 Your Cost, Special 95¢**

Same as above, except 2½ volts at 5¼ amperes. Uncased. **C2388 Your Cost 85¢**

Two separate windings of 2½ volts at 6¼ amps. each. Uncased. **C2443 Your Cost \$1.25**



5 Volts, 4 Amps. Uncased  
**Your Cost 85¢**

### 8 Tube Power Transformer 115 Volt - 60 Cycle



Will supply filament and plate voltages for 8 heater tubes, 2 power tubes (45's or 47's) and one 280 rectifier. Can be used as a general replacement or for the new set builder. Size, 2¼x4x3¼", mounting centers, 3½x2½". Shipping weight 7 lbs. **C1701 Your Cost Each \$1.75**

Similar in appearance to above, except for 10 tube receivers. Will supply filament and plate voltages for the following: 7 heater tubes, separate winding for 2 power tubes (45's or 47's), and one 280 rectifier. Flush mounting type, size, 2¼x4x3¼", mounting centers, 3½x2½". Shipping weight 8 lbs. **C1702 Your Cost Each \$2.25**

### General Purpose Power Transformer 5-227S, 2-171AS, 1-280

Can be used in Balkeit A3, A5, A7; Fada 16, 17, 20, 32, 50, 70, 71, 72; Crosley 804; Eveready 30 Series, and Steinite 40-A, 45-A. 2½-volt winding for 5-227s, 5-volt winding for 2-171As, 5-volt winding for 280 tube; 285/285 volt at 60 ma. 120-volt primary. Size 4½x3¼x3¼". Mounting centers 2½x2¾". Soldering lugs terminate on an insulated strip. Shipping weight 7 lbs. **C1515 Your Cost \$2.45**



### "B" Eliminator Transformer

A popular replacement unit for all "B" Eliminators, 5-volt winding for '80 tube and 500-volt H. V. winding center-tapped. Can be used with Raytheon type tube, by disregarding 5-volt winding. Size 2½x2½x2¼". Shipping weight 4 lbs. **C2291 Your Cost \$1.65**



**HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It.**

# PHILCO Power Transformers



## Guaranteed Replacements

Designed for Philco Replacements, Guaranteed to be equal to the original. General purpose replacement. The usual method of installing these transformers makes possible a very neat arrangement with all wiring out of sight under the base panel. Black enameled steel case, with a flange for

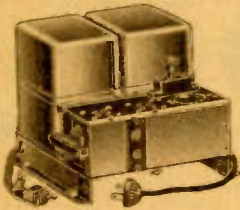
mounting. Hook-up furnished with each transformer. All have 110 volt 60 cycle primary. Average shipping weight 8 lbs. Refer to list at right for our stock number.

## Sparton Power Transformers

These power transformers are made by Thordarson, all new merchandise and fully guaranteed; designed according to specifications of the originals except to withstand more service abuses and over-loads. Fits the chassis exactly in all Sparton Receivers. These are not surplus and should not be confused with units selling at a lower price. Refer to listing at right for the transformer required.



## Brand New Bosch Power Supply and Power Amplifier



**SERVICE-MEN!** Here's your chance to obtain a brand new Bosch power supply and power amplifier at a ridiculously low price. These units can be used as Bosch replacements, a separate amplifier

or as a power pack to supply filament and plate voltages to a receiver. They are packed in factory cartons and are fully guaranteed.

### P. P. 171 Power Pack Used in Bosch Model 28 Receiver

This power pack can be used as a separate amplifier or power supply; furnishes filament and plate voltages to the following tubes: 4-26a, 1-27, 2-71a, and 1-80 rectifier. Equipped with output transformer for magnetic speaker. An A. C. dynamic speaker can be used, by changing the output transformer. Primary tapped at 105, 115, 125 volts, 50-60 cycle. Equipped with toggle switch and plug. Shpg. wt. 21 lbs.

**Y19896**  
Your Cost, Special **\$4.95**

### P. P. 245 Power Pack Used in Bosch Model 48 Receiver

Supplies filament and plate voltages for the following tubes: 3-24s, 1-27, 2-45a, and 1-80 rectifier. Provided with push-pull output transformer for dynamic speaker. Field supply for standard 2500 ohm dynamic speaker. Primary tapped at 105, 115, 125 volts, 50-60 cycle. Complete in every respect, ready to hook up. Shpg. wt. 24 lbs.

**Y19895** - Your Cost, Special **\$5.95**

Special 2500 ohm dynamic speaker for use with above amplifier, Bosch Model 48  
**W19150**  
Your Cost **\$2.90**

## Replacement Power Transformers—Continued

Name of Radio	Model	Stock No.	Your Cost
<b>PHILCO</b>	15	C1909	\$3.30
	20 and 220	C1955	2.65
	21	C1910	3.60
	50	C1951	2.55
	65	C1956	2.50
	70	C1957	2.50
	76 and 77	C1958	2.65
	86	C1960	2.65
	87	C1959	2.50
	90 (2-'45a)	C1961	2.65
	90 (1-'47)	C1952	2.65
	90 (2-'47s)	C1953	2.65
	91-121	C1911	2.85
	95 and 96	C1962	2.75
	111 and 211	C1963	2.65
	112 and 212	C1954	2.65
500 Series (511)	C1964	2.65	
<b>RAULAND-LYRIC</b>	Model S-6	C2438	3.50
<b>RCA-RADIOLA</b>	104 Loudspeaker	C2307	\$1.75
	30-A	C2175	5.95
	32-AC	C2307	1.75
	17, 18, 33, 50, 51; 60 cycle	C2150	1.45
	17, 18, 33, 50, 51; 25 cycle	C2151	3.25
	44, 46, 47; 60 cycle	C2152	2.75
	44, 46, 47; 25 cycle	C2192	4.45
	60 and 62; 60 cycle	C2153	2.75
	60 and 62; 25 cycle	C2191	4.45
	66; 60 cycle	C2154	2.75
	66; 25 cycle	C2193	4.95
	41, Receptor Pack	C2160	3.75
	41, Sterling Pack	C2159	2.50
	64 and 67; 60 cycle	C2157	9.25
	64 and 67; 25 cycle	C2198	14.45
	42 and 48; 60 cycle	C2155	1.50
	42 and 48; 25 cycle	C2143	3.95
	42 and 48; 220 volt	C2144	4.75
	80, 82, 86; 60 cycle	C2156	1.65
	80, 82, 86; 25 cycle	C2141	2.95
	80, 82, 86; 220 volt	C2142	3.75
Superette (8 tube), 60 cycle	C2187	2.25	
Superette (8 tube), 25 cycle	C2145	3.95	
Superette (8 tube), 220 volt	C2146	4.10	
Radiolette (4 tube), 60 cycle	C2188	1.65	
Radiolette (4 tube), 25 cycle	C2147	3.25	
Radiolette (4 tube), 220 volt	C2148	3.70	
R-11, 18 and 18-A; 60 cycle	C2189	3.95	
R-11, 18 and 18-A; 25 cycle	C2149	5.25	
R-11, 18 and 18-A; 220 volt	C2069	5.25	
R-50, R-55 and RE-20, 60 cycle	C2190	3.95	
105 Loudspeaker	C2199	5.50	
<b>SONORA</b>	A-31	C2275	\$3.20
<b>SPARTON</b>	AC-7, 62 and 63	A229	\$2.30
	69, 79, 79-A and 89	A230	3.50
	930	A228	1.95
	89-A	A231	6.50
	109 Sparks Ensemble and DeLuxe	A232	7.05
	101, 110, 111, 574 and 870	A233	7.40
	589, 591, 593 and 931	A234	4.05
	301, 564 and 570	A235	7.06
	600, 610, 620 and 737	A236	3.95
	410	A250	3.53
<b>STEINITE</b>	40, 40-A, 405 and 45A	C2276	\$3.40
70	C2217	3.95	
<b>STEWART-WARNER</b>	950 Series, 951, 952, 953, 961, 962, 963	C2272	\$5.95
100-A and 100-B	C2242	3.75	
<b>STROMBERG-CARLSON</b>	10 and 11	C2370	\$3.75
	12 and 14	C2282	4.05
	19 and 20	C2371	3.95
	29	C2372	3.95
	635 and 636	C2256	3.85
	638, 25-60 cycle	C2249	7.45
	641, 642, 652, 654	C2257	3.45
	846 and 848	C2258	4.50
	846 Speaker Transformer	C2346	3.50
	Model 635, 636, 25 Cycle	C2439	7.50
	<b>VICTOR</b>	R-32, RE-45, R-52 and RE-75 (new type)	C2185
15, 14 and 17	C2155	1.50	
35, 39 and 57	C2195	1.65	
7-11, 7-25, 7-26 and 17-8, 60 cycle	C2150	1.45	
7-11, 7-25, 7-26 and 17-8, 25 cycle	C2151	3.25	
9-18 and 9-54	C2157	9.25	
9-18 and 9-54, 25 cycle	C2198	14.45	
R-7AC	C2187	2.25	
R-5AC	C2188	1.65	
R-11	C2189	3.95	
RAE-59, RAE-79	C2190	3.95	
<b>WESTINGHOUSE</b>	WR-4	C2155	\$1.50
WR-5, WR-6 and WR-7	C2156	1.65	
WR-10A	C2187	2.25	
WR-14	C2188	1.65	
WR-15	C2189	3.95	
<b>TEMPLE</b>	8-60, 8-80, 8-90	C2120	\$3.50
<b>ZENITH</b>	33, 33X, 34, 34X; ZE-10 Power Unit	A227	\$2.25
50-60 and 70 Series; ZE-50, ZE-60, ZE-70 Power Units	C1980	3.95	
35PX, 35APX, 37A; ZE-18 Plate Transformer	C1983	3.75	
Super-Het, 10, 11 and 12, 60 cycle	C1981	2.65	
Super-Het, 102, 112, 122, 25 cycle	C1982	3.75	
91, 92	C1984	4.95	
ZE 7 Plate Transformer	C1985	4.50	

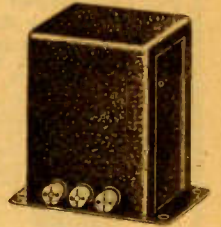
# Trutest De Luxe AUDIOS



## The Most Comprehensive Line of DELUXE AUDIO EQUIPMENT AVAILABLE Utilizing Only the Finest Quality Materials and Workmanship

The excellent performance of Trutest Audio equipment is a direct result of intelligent design, unusual care in manufacture, and selection of high quality material. Special high quality steel is used in the core laminations and a coil structure is employed which provides low distributed capacity, low capacity coupling, and a high coupling factor. In all cases where center-tap connections are employed these are brought out between sections or coils and never from within the winding. Sections and coils are so arranged as to give absolute magnetic and inductive symmetry and balance. Trutest Audio equipment offers a number of definite advantages in design, material and workmanship. Amplification curve is practically flat, and wave form distortion entirely absent.

Coils are layer wound, carefully tested, and failure traceable to coil defects are almost unheard of. Core steel is treated for maximum magnetic value. Dimensional accuracy of laminations and assembly insures complete freedom from the perplexing hum caused by even a slight irregularity in these respects. Maintenance of such exacting standards of material and workmanship is possible through our policy of "Laboratory Controlled Production." Our engineers are held responsible not only for design, but for factory production itself. Shielded in a heavy gauge steel case, having a pleasing black shrivel finish. Size 2 1/4 x 2 1/4 x 3 1/4". Average shipping weight 6 lbs.



### Interstage Audio Transformers

These units for use in large concert hall amplifiers, public address systems as well as in radio receivers. A unit for every type of audio-frequency amplification.  
1st Stage Audio, De Luxe, ratio 3 1/2:1.  
**C1580 Your Cost \$2.45**  
2nd Stage Audio, De Luxe, ratio 1:1.  
**C1581 Your Cost \$2.45**  
Push-pull Input, De Luxe, ratio 2 1/2:1.  
**C1579 Your Cost \$2.45**  
Push-pull Inter-stage, De Luxe, ratio 1.75:1.  
**C1582 Your Cost \$2.45**  
Push-pull Input, split secondaries, isolated, ratio 1.75:1.  
**C1577 Your Cost Each \$2.75**

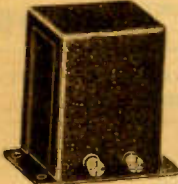
### Tube-to-Line Transformers

Tube-to-Line Transformers are required in amplifier installations that are separated in sections. These units are used to couple the output stage of the amplifier with a 200 or 500 ohm line which distributes power to other amplifiers or the reproducers.  
Two 250 or 245 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.  
**C1591 Your Cost \$4.45**  
Two 210 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.  
**C1592 Your Cost \$4.45**  
Operating out of General purpose tube to 500 and 200 ohm lines.  
**C1593 Your Cost \$3.75**

### Output Transformers

In all types of amplifiers and receivers an output transformer should be connected between output plate circuit and the loud speaker winding.  
Push-pull 210 Output, to 10-15 ohm voice coil of dynamic.  
**C1583 Your Cost \$2.94**  
Push-pull 245 Output, to 10-15 ohm voice coil of a dynamic.  
**C1584 Your Cost \$1.75**  
Push-pull 247 Output, to 10-15 ohm voice coil of dynamic.  
**C1585 Your Cost \$2.45**  
Single 250 Output, to 10-15 ohm voice coil of dynamic.  
**C1588 Your Cost \$2.94**  
Push-pull 250 Output, to 10-15 ohm voice coil of dynamic.  
**C1589 Your Cost \$3.25**  
Push-pull 171-245 Output, to a high impedance magnetic speaker.  
**C1597 Your Cost \$2.45**

### Trutest De Luxe Screen Grid Audio Coupler



Designed to couple the output of any Screen Grid Detector, such as 57, 58, 224 or 235, to an Audio Amplifier Tube, will give from two to three times as much amplification as resistance coupling. Better tone quality over the entire frequency range. Fully shielded in a metal case having a pleasing black shrivel finish. Size 3 1/2 x 2 1/2 x 2 1/4". Shipping weight 3 lbs.

**C1594 Your Cost \$2.45**

### Mixer Transformers

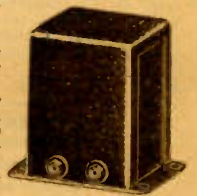
Input, two button microphone, 200 ohm to grid of tube.  
**C1587 Your Cost \$1.95**  
Input, two button microphone, 200 ohm to 500 ohm line.  
**C1590 Your Cost \$4.25**  
Input, two button microphone, 200 ohms to a 50 ohm output. For using four microphones with four of these transformers; with secondaries in series feeding into a 200 ohm line.  
**C1598 Your Cost \$4.25**

### Phonograph Pick-Up Transformers

Input, pick-up to grid, primary impedance 500, 1000, 2000, and 4000 ohms.  
**C1586 Your Cost \$3.95**  
Input, pick-up to grid. Primary impedance to match low impedance magnetic pick-up unit.  
**C1596 Your Cost \$2.75**

### Trutest De Luxe Scratch Filter

Practically eliminates the objectionable scratch, caused by friction of the needle in the pick-up. Improves tone quality. Equipped with tip jacks for input to pick-up and binding posts for output to amplifier or radio phonograph jack. Fully shielded in a metal case having a pleasing black shrivel finish. Size 3 1/2 x 2 1/2 x 2 1/4". Shipping weight 3 lbs.  
**A118 Your Cost Special \$2.25**



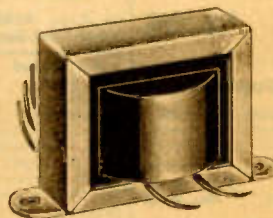
## TRUTEST Replacement Audios and Chokes

### Replacement Audios and Chokes

This complete line of TRUTEST Replacement Audios, Outputs and Chokes, has been very popular with the Radio servicemen in their daily work of replacing defective audio parts of radio receivers. Only the best material and workmanship is used in construction of these transformers. TRUTEST replacement Audios and Chokes are of medium size, semi-open form, with strap mounting and bottom plate, Cadmium plated. Average size: 3 1/4 x 2 1/4 x 1 3/4". Mounting centers, spaced 2 1/4". Shipping weight 3 lbs.

#### Outputs

Output, Single '45 type tube to a 5-15 ohm voice coil of dynamic speaker.  
**C1553 Your Cost 70c**  
Output Push-Pull '45s type tubes to a 5-15 ohm voice coil of dynamic speaker.  
**C1554 Your Cost 85c**  
Output, Single Pentode '47 to a 5-15 ohm voice coil of dynamic speaker.  
**C1555 Your Cost 79c**  
Output, Push-pull Pentodes, to a 5-15 ohm voice coil of dynamic speaker.  
**C1556 Your Cost 85c**  
Output, Push-pull, 233, 238 to a 5-15 ohm voice coil of dynamic speaker.  
**C1564 Your Cost 70c**



#### Audios

Audio, either stage of straight audio amplification. Ratio 3 to 1.  
**C1550 Your Cost 75c**  
Push-pull Input, from single plate to 2 grids. Ratio 2.5:1.  
**C1551 Your Cost 82c**  
Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1.  
**C1552 Your Cost 95c**  
Push-pull Input, Split Secondaries (Isolated), between 1 plate and 2 grids. Ratio 1.75:1.  
**C1562 Your Cost 95c**

### Phonograph and Microphone Matching Transformers

Phonograph Pick-up transformer 3000 ohms to grid of tube.  
**C1559 Your Cost \$1.20**  
Single Button Microphone transformer, 200 ohms.  
**C1560 Your Cost 95c**  
Double Button Microphone transformer, 200 ohms each side of center-tap.  
**C1561 Your Cost \$1.25**  
Input-Pick-up to Grid: Primary impedance 500, 1000, 2000, and 4000 ohms.  
**C1563 Your Cost \$2.25**

#### Filter Chokes

Choke, 25 henry at 25 M. A. D. C. resistance of 830 ohms.  
**C1557 Your Cost 59c**  
Choke, 11 henry at 60 M. A. D. C. resistance of 300 ohms.  
**C1558 Your Cost 59c**  
Choke, 30 henry at 75 M. A. D. C. resistance 375 ohms, shielded.  
**C1569 Your Cost 85c**  
Choke, Heavy Duty, 30 henry at 125 M. A. D. C. resistance of 200 ohms.  
**C1570 Your Cost 90c**

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

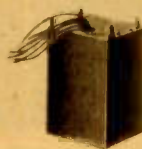


# RCA-Radiola-Victor Replacement Audios & Chokes



## Brand New—RCA—Victor Push-Pull Input and Output Transformer for RCA

Models 80, 82 and 86, Victor R-35, 39 and 57, G. E. H-31, H-51, H-71.



Exact duplicate of the original replacement part No. 8554, and No. 61151. Consists of one push-pull input and one push-pull output transformers in one can. Voice coil impedance 8-10 ohms. ALL BRAND NEW MERCHANDISE IS USED IN MAKING UP THIS REPLACEMENT. Shipping weight 5 lbs. C1998

**Your Cost Each \$1.50**

## Radiola Double Chokes

Models 18-33-51, Part No. 8336



This heavy duty, rugged Filter Choke is the ideal choke for all types of filter circuits, power amplifiers, eliminators, transmitters and power packs. When connected in parallel, you have 30 henries at 200 mls. In series, 60 henries at 100 mls. Each choke has a 1000 volt insulation test. D. C. resistance 500 ohms. Fully shielded in metal case with special insulating compound. Size, 5 1/4 x 3 3/4 x 2 3/4". Shipping weight 6 lbs.

C2171—Your Cost **38¢**

## RCA-Radiola R. F. Filter Coil With Condensers

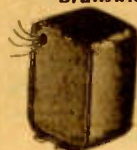
Models 44-46-47



Genuine replacement Part No. 6000. Comprising Micarta strip with 3 terminals, 2 by-pass condensers, 1 R. F. Filter Coil and mounting bracket. Can be used in any receiver, especially suitable for Screen Grid Audio Coupler units. Shipping weight 1 lb.

C2004—Your Cost **35¢**

## Radiola Single Audio Radiola Models 60 and 62 Brunswick 3NC8



3NC8 Graybar Model 60. This is the genuine Radiola Part No. 5805, single audio stage for the above model receivers. Shipping weight 1 lb.

C2173—List \$4.80  
Your Cost **95¢**

## Double Audio Transformer Assembly

For Models 16, 17, 18, 33, 41, 50 and 51

RCA No. 5667. Two audios in one case. Brand new. Shpg. wt. 3 lbs. C2005

**Your Cost \$1.05**

## Intermediates Radiolas 60, 62, 64, and 66



Here is the genuine "I. F." Transformer for the Radiola Models, each has been peaked at its correct frequency at the RCA Factory. Our supply is limited. Shipping weight 8 oz.

For Radiola Models 60, 62, 64 1st, 2nd, 3rd, "I. F." Transformer. (RCA No. 8342.) C2164—Your Cost Each **\$1.35**

For Model 66 1st, and 2nd "I. F." Transformer. (RCA No. 8481). C2165—Your Cost Each **\$1.65**

3rd "I. F." Transformer. (RCA No. 8482). C2166—Your Cost **\$1.95**

For Model 67 1st intermediate stage, RCA 8481. C2165—Your Cost **\$1.65**  
2nd intermediate stage, RCA 8499. C2161—Your Cost **\$1.75**  
3rd intermediate stage, RCA 8500. C2162—Your Cost **\$1.95**

## Genuine Push-Pull Inter-Stage and Push-Pull Output Audio Assembly

RCA—Victor Models R-50, R-55, RE-20, RAE-59 and RAE-79. G. E. Models H-32 and H-72. Graybar Model GB-100, RCA No. 8711



Consists of a push-pull inter-stage audio, primary 2300 ohms center-tapped, secondary 7600 ohms center-tapped. Output, push-pull audio, primary 600 ohms center-tapped, secondary, 10 ohms. Can be used with any receiver or power amplifier using p.p. pentodes in the output stage to the voice coil of a dynamic speaker. Unusually small in size, 3 3/4" high, 2 x 2 3/4". Metal container, completely shielded and pitched against moisture. Crimping lugs for easy mounting. 12" color coded leads for direct wiring. Shipping weight 5 lbs.

C2001—Your Cost **\$1.55**

## Audio Assembly for RCA Victor Models R-7, R-9 Superette; G. E. S-22



The genuine replacement No. 7239. Consists of a P.P. input and P.P. output transformer in a metal container. For sets using P.P. 45S. Shpg. wt. 3 lbs.

C1994—List \$6.00  
Your Cost **\$2.25**

## For R-7A Superette

G.E. S-22A; Using P.P. 47S: Similar in appearance to above. Exact duplicate of the original. Consists of P.P. input and output. Shpg. wt. 3 lbs. C0000—Your Cost **\$2.25**

## P. P. Input Audio for RCA R-11, 18, 18A, 21 RAE-26; G. E. K-62; Graybar GB-9; Westinghouse WR-15

Similar in appearance to the above audio transformer assembly. Replacement Part No. 7271. Combines a P.P. input transformer in metal container. Shpg. wt. 3 lbs. C1999—List \$4.25  
Your Cost **\$1.25**

## RCA Radiola Audio Transformer

For Models RR, RX, R3, R3A, R4, R7B, R9, R20 and R-30-A, Part No. 557-2182



The genuine replacement audio transformer to be used in the first or second stage of any battery, D. C. or A. C. receiver. Universal mounting. Ratio 3:1. Primary 1000 ohms, secondary 5500 ohms, D. C. resistance. Size, 3x1 1/4 x 1 1/4". Shipping weight 2 lbs. C2006

Your Cost Each **45¢**  
Per Dozen **\$5.00**

## Coupling Reactor

RCA Models 44, 46 and 47



Used to couple a Screen Grid Detector to a power output tube. About 700 h. at 3 ma. D. C. resistance 6000 ohms. Shipping weight 2 lbs. C-2000

Your Cost **\$1.75**

## Input Audio Transformer

Model 64-105 Speaker



Straight audio input transformer used to couple a '27 to a single '50 type tube. The genuine RCA-Radiola replacement No. 5869. Shpg. wt. 5 lbs. C2002

Your Cost Each **\$2.95**

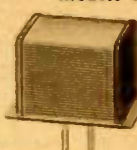
## Output Transformer

Used to couple a single '50 type tube to a 8-15 ohm voice coil of a dynamic speaker. RCA Part No. 5747-5868. Shpg. wt. 5 lbs. C2003

Your Cost Each **\$1.95**

## RCA Filter Choke

30 Henry 150 Ma. Models 64 and 67



Genuine replacement choke, Part No. 5867, D. C. res. of 300 ohms. Size 3 3/4 x 2 3/4 x 3". Shpg. wt. 5 lbs. A182—List \$8.90

Your Cost **\$2.25**

## For 105 Loudspeaker

Similar in appearance to above, D. C. resistance 1000 ohms. A183—List \$6.75

Your Cost **\$1.65**

## Output Coupling Unit

Victor Models 9-18, 9-54

Similar in appearance to above, except larger in height. Combines a reactor, impedance matching transformer and two by-pass condensers. Shpg. wt. 8 lbs. A184—List \$22.55

Your Cost Each **\$3.75**

## Genuine RCA Radiola Magnetic Speaker Coils

RCA Part No. 1966, for RCA Model receivers 30-A, 50 and 51 and all centralized radio magnet speakers. The official replacement magnet coils for the RCA speakers No. 100-A, 100-B and 103. D.C. resistance of 1200 ohms. Can also be used for other speakers using this size coil. Size of each coil, 1 1/2" diameter outside, 1/4" thickness, 1/4" hole diameter. W19212



Your Cost **45¢**  
Per Dozen **\$5.00**

## For RCA-Radiola 100 Speaker, Western-Electric 540-AW RCA Models 30—Victor Combinations

The genuine replacement No. 708 magnet coils, used in many other speakers. Size, 1 1/2" diameter outside, 3/16" thickness, 3/16" hole diameter. W19201

Your Cost Each **45¢**  
Per Dozen **\$5.00**

## RCA Photo-Cell Matching Transformer

Consists of a single winding, of 4000 ohms, tapped at 10 and 130 ohms. Can also be used as phonograph pickup matching transformer, such as used on the RCA T-5 Electrode end table combination. Shpg. wt. 2 lbs. A180

Your Cost Special **\$1.95**

For Model 30-A 60 Henry 150 Ma. RCA Part No. 8275, consists of two 30 Henry, 150 MA. chokes mounted in a metal housing. D. C. resistance of each section is 400 ohms. Shipping weight 8 1/2 lbs. C1574—List \$27.40  
Your Cost Special **\$2.45**

## Victor R. F. Input Transformer for Models R-32, RE45, R-52, RE75

The original replacement part No. 10422. Consists of a primary and secondary on a bakelite spool. H10120

Your Cost Each **25¢**

# Audio Transformers and Chokes

## Genuine PHILCO Replacements

Shipping weight 3 lbs.



### Straight Audio

Philco Models	Part No.	Stock No.	Your Cost
20-220	x	x	x
65	x	x	x
70-270	x	x	x
76-77	x	x	x
82-86-87	3241	C1744	\$1.65
90-90A	x	x	x
90-90A	x	x	x
95-96-296	x	x	x
111-112	x	x	x
500 Series	3077	C1745	1.35

### Single or P-P Input

Part No.	Stock No.	Your Cost
4232	C1738	\$0.95
3242	C1740	.80
x	x	x
3872	C1741	.80
3242	C1740	.80
4952	C1742	1.65
x	x	x
x	x	x
3537	C1743	1.40
3537	C1743	1.40

### Single or P-P Output

Part No.	Stock No.	Your Cost
2766	C1746	\$0.95
2766	C1746	.95
2673	C1749	1.10
2766	C1746	.95
2766	C1746	.95
2673	C1749	.95
2766	C1746	.95
2673	C1749	.95
3422	C1746	.95

### Chokes

Part No.	Stock No.	Your Cost
4231	C1750	\$1.35
4951	C1751	.95
4951	C1751	.95
3422	C1752	1.20
3472	C1736	.70
4951	C1751	.95
4951	C1751	.95
3422	C1752	.95
3422	C1752	.95
4951	C1751	.95

## Crosley 706

P. P. Input and 1st Audio No. 5315



A replacement Audio and P. P. Input made expressly for use in Crosley Models 32, 40, 41, 41A, 42, 704 and 706. No changes necessary to install this unit, made exactly as the original, fits the chassis the same.

Diagram of hookup furnished with each transformer. Shipping weight 3 lbs.

C1892—Your Cost, Special **\$2.15**

## Rauland Laboratory R-500 Audio Transformer



The high amplification combined with exceptionally uniform response throughout the entire audio-frequency band (30 to 10000 cycles makes this a high class audio for all types of amplification. Ratio 3 1/2 to 1. Primary, 1800 ohms; secondary, 8000 ohms. Size 2 1/2 x 2 1/4 x 3 3/4" high. Mounting centers, 2x2". Shipping weight 4 lbs.

C2265—List Price \$9.00  
Your Cost, Special

**59¢**

**Victor Antenna Choke Models R32, RE45, R52, RE75**  
Replacement part No. 10444, for the above models. Consists of 150 turns of No. 34 wire, wound on a wooden spool.



H10122

Your Cost, Each

**10¢**

Per Dozen

**\$1.00**

### Special Audio Transformers

Can be used as 1st or 2nd straight Audio stage. For use with all types of tubes. 2 1/2 x 2 1/4 x 3 3/4". Shpg. wt. 3 lbs.

**Upright Type Mounting**

C2334

**Horizontal Type Mounting**

C2335

Your Cost, Either Type

**45¢**



### RCA Output Transformer

46-47-66

The Official RCA part No. 6019 for the above models, new and guaranteed. Can be used in RCA 106 speaker by addition of two .1 mfd. condensers across line. Shipping weight 3 lbs. Primary 350 ohms, secondary 6 ohms.

C2170—Your Cost

**35¢**

## Genuine Kellogg P. P. Output Transformer To a Dynamic Speaker



The Genuine Push-Pull Output transformer, manufactured by Kellogg Switchboard and Supply Co., for use in their electric receivers. The primary of this output transformer is of high impedance, making it suitable for all types of tubes, the secondary feeding into the moving voice coil of a dynamic speaker having a resistance between 2 and 8 ohms. Can be used either as a push-pull or single output. For use with the following tubes: P. P. 250s, 45s, 71s, etc. An ideal output for Power Amplifiers, Public Address and Radio receivers, etc. Clamp bracket holding the laminations in perfect order, impregnated in wax compound, insuring a long life. A very fortunate purchase enables us to sell these far below actual production cost, but OUR QUANTITY IS LIMITED. Better order a few while they last. Size, 3 1/4 x 2 1/4 x 3 1/4". Shpg. wt. 3 lbs.

C2267—Your Cost, Special

**55¢**

In Lots of Six, Each 50¢

## General Radio Audios

### Types 285-H, 285-D

The Audio Transformers for the present day electric receiver as well as the early battery sets. Type 285-H, high amplification, ratio 6 to 1. Type 285-D, ratio 3 to 1. They maintain a general uniform response throughout the audio frequency band, with increased volume, and are for all types of tubes. The 6 to 1 ratio especially adaptable for short wave work using single audio stage. Laminations and windings of the highest grade materials. Fully shielded. Size 3 1/2 x 3 1/4 x 2 1/4". Mounting holes 2 1/4". Shipping weight 3 lbs.

C1710—Type 285-H. C1711—Type 285-D.

Either Type

Your Cost, Special



**\$1.20**

## Atwater-Kent Model 67 Audio Transformers

Part No. 14640

This is an exact duplicate of the original A. K. part. Comprises 1st stage audio and push-pull input transformer. Fully shielded in metal case like the original. Color coded leads. No changes necessary to install this unit. Shipping weight 5 lbs.

C2243

Your Cost Each

**\$2.95**

## Genuine A. K. Audio Transformers



These Audio Transformers are Genuine Atwater-Kent products. All are brand new and guaranteed. This list covers all the models up to 1930. Models 44, 45; 52, 56, 57. 2nd Audio Stage.

Part No. 7661. Shpg wt. 2 lbs.

C2328

Your Cost Each

**75¢**

Model 43. 1st Audio Stage. Part No. 14016

C2329—Your Cost Each

**75¢**



For all battery and early electric sets. 1st or 2nd stages. Shipping weight 2 lbs.

C2289—Your Cost Each

**75¢**

Models 41, 44, 45, 46, 47, 52, 53, 56, 57. 1st Audio Stage. Part No. 13276.

C2326—Your Cost Each

**75¢**

Models 46, 47 and 53. P. P. Input Transformer.

C2327—Your Cost Each

**95¢**

Model 43. P. P. Input Transformer. No. 14013.

C2330—Your Cost Each

**95¢**

## Grebe Phono Matching Transformer

Used to match a low impedance magnetic pick-up to any type input of Radio or power amplifier. Single winding, tapped at 150, 300 and 1100 ohms D. C. resistance. Size, 2 1/4 x 1 3/4 x 2 1/4". Has terminal board that protrudes through sub-panel. Shipping weight 2 lbs.

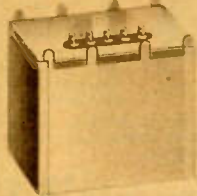


C2237—Your Cost **\$1.35**

# RCA VICTOR



## BRAND NEW Genuine Victor Filter Condenser Blocks Replacement for Models R-32, RE-45, R-52, RE-75

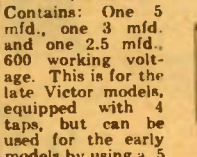


Contains: One 5 mfd., one 3 mfd., one 2.5 mfd. and .5 mfd. sections at 600 working voltage. These are all brand new condenser blocks, never been used or installed before.

Each unit is given a severe test before leaving our testing laboratories. Housed in a metal container, 5 1/2"x5 1/4". Shipping weight 8 lbs.

**B890**  
Your Cost Special **65¢**

## Genuine Victor Replacement for Late Models R-32, RE-45, R-52, RE-75



Contains: One 5 mfd., one 3 mfd. and one 2.5 mfd., 600 working voltage. This is for the late Victor models, equipped with 4 taps, but can be used for the early models by using a .5 mfd. condenser in place of the No. 5 tap.

**B933**  
Your Cost **\$1.20**

## Filter and By-pass Condenser Assembly Models R-11, R-18, R-18A and RE-21



Genuine replacement part No. 7273, comprising one 4 mfd., one 6 mfd., four .5 mfd., two 1 mfd., five .1 mfd. and one .05 mfd. All in single metal

container. For 25-60 cycle receivers. Shipping weight 6 lbs.

**B531**—List Price \$10.00  
Your Cost **\$3.95**

## Radiola Model 41 A. C.



The original condenser banks used in Radiola Model 41. Shipping weight 4 lbs.

**Receptor Power Pack**  
B1004—RCA No. 8404  
Your Cost **\$2.65**

**Sterling Power Pack**  
(Duplicate of Original)  
B1003—RCA No. 8397  
Your Cost **\$3.50**

## Filter Condenser Models R-50, R-55, RE-20, RAE-59 and RAE-79



The genuine RCA replacement filter condenser block part No. 8712-64905, comprising, one 2 mfd., one 3 mfd., two .5 mfd. and one .1 mfd. Shipping

weight 5 lbs.  
**B531** Your Cost **\$3.25**

## Radiola Models 33, 44 D. C.



The Genuine Radiola Filter and Push-pull Input and Output Assembly for the above models. Contains: Two P. P. Audio transformers, and one 3 mfd., one 2 mfd., two .5 mfd. Brand new and guaranteed. Shipping weight 7 lbs.

**B1002**—List \$21.25  
Your Cost **\$1.75**



## Genuine RCA- Radiola Condensers Radiola 17-50 Brunswick PR-17-8 Victor 7-25 Part No. 8289

Genuine replacement filter condenser for the above sets. Contains: Two 3.5 mfd., one 3 mfd., one 2 mfd., two 1 mfd. Brand new and guaranteed. Shipping weight 6 lbs.

**B1020**—List \$19.20  
Your Cost **\$1.80**

## RCA Models 44-46-47 Graybar 500-550 Part No. 8476

The original replacement filter condenser for the above models. Contains: Three 2 mfd., one 1.25 mfd., one 1 mfd., one .5 mfd. and one .25 mfd., also output choke. Shipping weight 6 lbs.

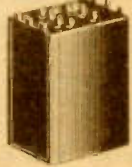
**B1016**—List \$19.00  
Your Cost **\$2.25**

## Radiola Model 60 Graybar Model 300 Brunswick Model 5N0 Part No. 8346

The original Radiola filter condenser. Contains: Three 2 mfd., four .5 mfd. and output choke. Shipping weight 6 lbs.

**B1015**—List \$16.50  
Your Cost **\$1.85**

## Graybar Model 340 Radiola Model 62 Brunswick 3NCB, 5NCS Part No. 8392



The original Radiola replacement filter condenser for the above models. Contains: One 4 mfd., two 3.5 mfd., one 1 mfd., three .5 mfd. Shipping weight 6 lbs.

**B1014**—Your Cost **\$2.10**

## Filter Capacitor For Field Supply Unit Part No. 8384

For above model receivers. Original RCA part. Contains: One 4 mfd., two .1 mfd. Shipping weight 4 lbs.

**B1013**—List \$8.25  
Your Cost **\$2.20**

## Coupling Unit Part No. 8383

For above model receivers. The original RCA part. Contains: One audio transformer output to the voice coil of the dynamic speaker. One .5 mfd. condenser and a 12 henry choke. Shipping weight 7 lbs.

**B1012**—List \$12.00  
Your Cost **\$2.70**

## Auditorium Radiola-Phonograph Radiola Model 66 Graybar Model 600 Part No. 8487

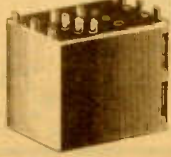
Original Radiola part. Contains: Two 2 mfd., one 1 mfd., one .5 mfd. and a 515 ohm output choke. Shipping weight 6 lbs.

**B1010**—List \$14.25  
Your Cost **\$1.50**

## Radiola 18-33-51 Brunswick, 2Kro, 3Kro, 3Krf, 5Kr, 5Krf, Victor 7-11, 7-26 Graybar Model 311 (Part No. 8333)

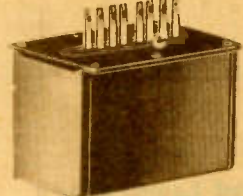
Original filter condenser for above sets. Contains: Two 1 mfd., one .5 mfd. and output choke. Guaranteed brand new. Shipping weight 4 lbs.

**B1019**—List \$7.40  
Your Cost **37¢**



# CONDENSER BLOCKS

## Radiola Model 64 Victor 9-18 and 9-54 Part No. 8368 Filter Capacitor



The Genuine Radiola Filter Condenser Bank. Contains: Four 4 mfd., one 2 mfd. and two 1 mfd. These capacitors are all brand new, using 1000 volt condensers of the

very best foil and paper. Do not confuse this block with the so-called replacements on the market. Shipping weight 13 lbs.

**B1011**—List Price \$30.00  
Your Cost **\$5.45**

## For RCA Model 67

The Genuine Replacement Filter Condenser, Part No. 8504, comprising three 2 mfd., two 4 mfd. and two 1 mfd. Similar in appearance to above. Shipping weight 13 lbs.

**B1007**—List Price \$28.20  
Your Cost **\$9.50**

## RCA Model 42 and 48 Transformer and Capacitor Block



For Victor Models 14, 15 and 17; G. E. T-41; Graybar 678; RC-3; and Westinghouse WR-4. Genuine replacement No. 8608. Consists of filter condensers and coupling reactor in metal container. Shpg. wt. 5 lbs.

**B1021**—List \$12.00  
Your Cost **\$3.75**

## Radiola Model 64 Victor Models 9-18, 9-54 Part No. 5862

### By-Pass Assembly

The Original Radiola By-Pass Condenser Assembly. Contains one 2 mfd., two 1.5 mfd. and three 1 mfd. Shipping weight 3 lbs.

**B1008** List \$9.90  
Your Cost **\$1.45**

## Radio Model 67 Part No. 8498 By-Pass Assembly

Similar in appearance to above. Original Part. Contains: One 2 mfd., two 1.5 mfd. and three 1 mfd. Shipping weight 3 lbs.

**B1006** List \$9.75  
Your Cost **\$1.50**

## Capacitor Pack Radiola Model 66 Graybar Model 600

Similar in Appearance to Above This is the genuine Radiola Part No. 6021. Capacitor Pack, comprising five 1/2 mfd., two .05 mfd. by-pass condensers and one audio transformer. Our quantity is limited. Shipping weight 3 lbs.

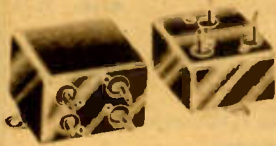
**C2172**—Your Cost **\$5.75**

If you do not find the item that you are looking for in this supplement, send for our No. 54, 1933 Spring Catalog. It is sure to be found in this complete catalog.



# Miscellaneous Filter Blocks and By-Pass Condensers

## Crosley Replacement By-Pass Condensers



Stock No.	Crosley Part No.	Your Cost
B711	W7944	\$0.40
B712	W20186	.60
B713	W20187	.22
B715	W20446	.55
B716	W20447	.30
B717	W20449	.38
B718	W22412	.55
B719	W22995	.40
B720	W23736	.65
B700	W4013-B	.30
B701	W4232-B	.75
B703	W4381-B	.48
B704	W1919	.30
B705	W4968	.26
B706	W5862	.95
B707	W5863	.80
B708	W5943	.24
B709	W6428	.45
B710	W7753	.55

## Colonial By-Pass Condenser



No. 1748-SA  
For Model 32

The genuine Colonial Bypass condenser. .1 .5 mfd.

B688 Your Cost Each **55¢**

Similar in appearance to above. Part No. 1728-SA. .1 .1 .25 .1 mfd. B691 Your Cost Each **98¢**

## Trutest Uncased Replacement Condensers Best Quality. Cellophane Wrapped



These uncased sections are in every respect the same as the sections used in the standard trutest type filter condensers. Non-inductively wound of high grade dielectric paper. Thoroughly impregnated with high melting point compound to protect them against heat, provided with insulated wire leads for direct connections. Sections are carefully dipped in a special wax compound which forms an extra heavy coating to prevent them from absorbing moisture and accidental damage in handling. Securely wrapped in moisture-proof cellophane.

Stock No.	Cap. Mfd.	L	W	D	Your Cost Each	Six For
<b>200 Volt D. C. Working Voltage</b>						
D3650	.25	1 1/2"	3 7/8"	1 1/2"	\$.12	\$ .68
D3651	.5	1 1/2"	1 7/8"	3/4"	.16	.90
D3652	1.0	4"	1 1/2"	3/4"	.22	1.25
D3653	1.0	2 3/4"	1 1/2"	3/4"	.26	1.49
D3654	1.0	1 1/2"	1 1/2"	3/4"	.26	1.49
D3655	2.0	4"	1 1/2"	3/4"	.48	2.75
D3656	2.0	2 3/4"	2"	3/4"	.48	2.75

<b>300 Volt D. C. Working Voltage</b>						
D3657	.25	1 1/2"	1 1/2"	1 1/2"	.16	.90
D3658	.5	1 1/2"	1 1/2"	1 1/2"	.20	1.14
D3659	1.0	4"	1 1/2"	1 1/2"	.30	1.71
D3660	1.0	2 3/4"	2 1/4"	1 1/2"	.30	1.71
D3661	2.0	4"	1 1/2"	1 1/2"	.65	3.70
D3662	2.0	2 3/4"	2"	1 1/4"	.65	3.70

<b>400 Volt D. C. Working Voltage</b>						
D3663	.25	1 1/2"	1 1/2"	7/8"	.18	1.02
D3664	.5	1 1/2"	1 1/2"	3/4"	.22	1.25
D3665	1.0	4"	2"	3/4"	.37	2.12
D3666	1.0	2 3/4"	2 1/4"	3/4"	.37	2.12
D3667	2.0	4"	1 1/2"	3/4"	.72	4.10
D3668	2.0	2 3/4"	2"	1 1/4"	.72	4.10

<b>600 Volt D. C. Working Voltage</b>						
D3669	.25	2 3/4"	1 1/2"	9/8"	.22	1.25
D3670	.5	2 3/4"	1 1/2"	3/4"	.33	2.08
D3671	1.0	4"	2"	3/4"	.56	3.20
D3672	1.0	2 3/4"	3"	3/4"	.56	3.20
D3673	2.0	4"	2 3/4"	1 1/2"	1.10	6.25
D3674	2.0	2 3/4"	3 3/4"	1 1/4"	1.10	6.25

<b>800 Volt D. C. Working Voltage</b>						
D3675	.5	2 3/4"	2 1/4"	7/8"	.48	2.75
D3676	1.0	4"	2 1/4"	1 1/4"	.68	3.88
D3677	1.0	2 3/4"	2 3/4"	1 1/4"	.68	3.88

## Sparton Tubular Condensers

New and improved type, fully shielded in a metal shell. Made expressly for Sparton replacement.

B545—25 mfd.  
Your Cost **33¢**  
Each

B546—5 mfd.  
Your Cost **39¢**  
Each

B547—1.0 mfd.  
Your Cost **49¢**  
Each



**Cardboard Container**  
B511—25 mfd. B512—.5 mfd.  
B513—1.0 mfd.  
Your Cost **28¢**  
Either Type

## Sparton By-Pass Condensers



These replacements are identical in appearance and capacities as the originals. The finest quality condenser sections used in making these quality replacements.

For Models 10, 15 and 56  
Contains the following capacities: .2, .3, .3, .2, .2, 2 mfd. In single metal container. Shipping weight 2 lbs.  
B665—Your Cost **95¢**

For Model 12  
Sparton No. A-6717, contains the following capacities: .3, .4, .2, .2 and .4 mfd. Shipping weight 2 lbs.  
B666 Your Cost **95¢**

For Models 16 and 16AW  
Sparton No. A-6716, contains the following capacities: .2, .3, .2, .3, .2, .2, 2 mfd. Shipping weight 2 lbs.  
B667—Your Cost **\$1.50**

For Models 5 and 9  
Sparton No. A-6625, contains the following capacities: .3, .3, .3, .1, .1 and .3 mfd. Shipping weight 2 lbs.  
B668 Your Cost **\$1.45**

## RCA—Victor Replacements

### By-Pass Condenser Block

For RCA 80, 82, 86; G. E. H-31, H-51, H-71; Westinghouse WR-5, 6, 7. Part No. 7058

Contains three .1 mfd. and one 0.5 mfd. and one 1.0 mfd. in metal container. An exceptionally well built condenser. Can be used in general by-pass work. Shipping weight 2 lbs. B532 Your Cost **29¢**



For RCA Models 17-50-60-62-64 Part No. 5681: two 1/2 mfd.

B481 Your Cost **25¢**  
For RCA Model 41 A. C.

Part No. 5664: One 1/2 mfd. B484 Your Cost **20¢**

For RCA Models 44-46-47 Part No. 6002: One 1/4 mfd. One 1/2 mfd. B485—Your Cost **35¢**

Part No. 6003: Three .1 mfd. B486 Your Cost **23¢**

RCA Model 33 A. C. Part No. 5996: One .5 mfd. Three .1 mfd. B522—Your Cost Each **19¢**

RCA Model 18 and 51 Part No. 2241: Four 1/2 mfd. B483 Your Cost Each **35¢**

### By-Pass Condenser Assembly

Models R-50, R-55, RE-20, RAE-59 and RAE-79

Part No. 7285, comprising one .1 mfd., one .5 mfd., two .1 mfd., 6 leads. Shipping weight 2 lbs. B530 List Price \$3.50 **\$1.25**  
Your Cost

Part No. 7286, similar in appearance to above, comprising one 1 mfd., one .5 mfd., three .1 mfd. All have separate common leads. 10 leads. Shipping weight 3 lbs. B529 List Price \$4.50 **\$1.75**  
Your Cost



### For Victor Models

R-32RE-45 R-52RE-75 Part No. 60074: .1 .1 .125 mfd. B478



Your Cost **20¢**  
Part No. 60564: 1 .1 .1 mfd. B479 Your Cost **20¢**

Part No. 60835: .1 mfd. B480 Your Cost **9¢**

## Majestic 70, 90, 180 Series

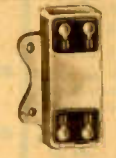
By-Pass Condenser, .5 .5 mfd. Original Majestic Part No. 717. Shipping weight 1 lb. C2108—Your Cost **19¢**



## Atwater-Kent By-Pass Condensers

### Genuine Replacements

Condensers for all late model receivers. **Detector By-Pass** B1425—A. K. Part No. 15263—Condenser B-2, H-2. B1426—A. K. Part No. 16745—Condenser H-7, H-8, H-13. Your Cost **50¢**  
Either Type



R. F. By-Pass B1427—A. K. Part No. 16462—Condenser H-5, H-11. B1428—A. K. Part No. 15262—Condenser B-1, H-1, H-9, H-20. Your Cost **50¢**  
Either Type

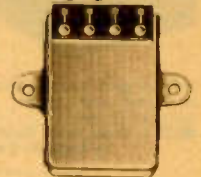
### Speaker By-Pass Condenser

For A. K. Models 37, 38, 40, 46, 42 and 44. These condensers are guaranteed to give service equal or superior to the originals. No better obtainable at any price. Exact size. Shipping weight 4 oz. D3961 Your Cost Each **55¢**



### A. K. By-Pass Condenser Part 15158

An exact replica of the original A. K. By-Pass Condenser for their receivers. Fully guaranteed. This unit is of exceptional value. Shipping weight 1 lb. B510 Your Cost **75¢**



### R. F. By-Pass Condenser

For Models 37, 38, 40, 42, 44 and 46. The very best condensers obtainable for these receivers. Exact physical Guaranteed. size and capacities. Shipping weight 8 oz. D3960 Your Cost Each **70¢**



## Mershon Electrolytic Condensers Special



Single 8 Mfd. Stud Mount 27c

Stock No.	Cap.	Peak Volt.	Your Cost
D2700	8	455	.27
D2705	5-15	450	.95
D2706	5-5-5	430	.45
D2709	18-9-9	430	1.95
D2711	8-8-18-18	430	2.45

## R. C. A. Radiola Speaker Filters

Improves The Tone Quality Of Any Type Magnetic Speaker For Model 100-A



This special unit comprised of a filter choke and condenser, can be installed on any type of magnetic speakers. It gives that rich mellow tone, and brings out the bass notes. By substituting this filter in place of the one on Model 100-B and 103 speakers it will give you the same tone quality so well known to the Model 100A. Size is 1 1/4" high and 1 1/4" in diameter. Is equipped with two mounting brackets. RCA Part No. 1969. Shipping weight 1 lb.

W19493—Your Cost Each **20c**

### For Models 100-B and 103

Is very similar in appearance to the above filter, but its characteristics are to emphasize the high notes of the speaker reproduction. This unit may also be installed in place of the one in 100-A Speakers and will modify the tone and bring up the high notes. RCA Part No. 5853. Shipping weight 1 lb.

W19454—Your Cost Each **20c**

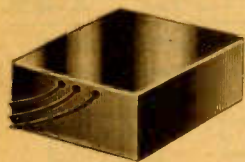
## Faradon Capacitor



Total capacity, 12 mfd., 300 operating volts D. C. 600 V. Flash test. Red 4 mfd., Brown 3 mfd., Blue 3 mfd., Yellow 2 mfd., Black is common. Metal Container, size 5x3 1/4 x 2 1/2 ins. Made for replacement in a nationally known set. Shipping weight 4 lbs.

B683—Your Cost **95c**

## Faradon Filter Condenser



2 Mfd  
1.5 Mfd  
450 Volts

Size 3 1/2 x 4 3/4 x 1 1/2 ins.

Makes an ideal replacement

unit for general purpose work. For use in Radio receivers and power amplifiers. Shipping weight 2 1/2 lbs.

B679—Your Cost Each **25c**  
In Lots of Ten, Each 22c

## Bremer-Tully & Brunswick Condenser Blocks



Original replacement condenser blocks for Bremer-Tully and Brunswick receivers. Can also be used as a general replacement unit. When ordering specify color spot required. Shipping weight 3 lbs.

For Brunswick Models 14, 21 and 31.

B1311—Red Spot. Your Cost **48c**

Brunswick Models S14, S21, and S31

Bremer-Tully Models S81 and S82

B1312—Green Spot. B1313—Black Spot.

B1314—Blue Spot. Your Cost any Type, Each **48c**

Bremer-Tully Models 81 and 82

B1315—Yellow Spot. Your Cost Each **48c**

# Guaranteed Replacement

	Stock No.	Your Cost	Stock No.	Your Cost
<b>ALL AMER. MOHAWK</b>				
Model "F"	B1424	\$3.65		
Model A-8	B1423	2.44		
Model A-10	B1422	3.65		
Model Lyric No. 90	B1421	2.40		
Model Lyric "D"	B1420	3.75		
Models Lyric 60 and 80 Series	B1419	3.50		
<b>AMRAD</b>				
Model 7100	D3330	1.25		
Model 7100	D3319	2.10		
Model AC-7	D3319	2.10		
Model Bel Canto 81	D3321	3.25		
Model 70	D3319	2.10		
<b>APEX</b>				
Model 28	B1410	2.35		
Model 36	B1409	2.75		
Model 37	B1408	4.20		
Model 41	B1407	1.95		
Models 46 and 46-A	B1405	1.75		
Models 47 and 47-A	B1405	1.75		
Models 48 and 48-A	B1410	2.35		
Model 80	B1403	2.80		
Models 28-A, 28-AX	B1411	2.85		
<b>ARGUS</b>				
Model 191-210	B1390	4.50		
<b>ARBORPHONE</b>				
Model 45	B1385	3.95		
<b>ATWATER-KENT</b>				
36 Condenser Block (Serial below 260,000)	B1380	.49		
36 Condenser Block (Serial above 260,000)	B1382	.49		
37-38 Condensers Only	B1379	1.15		
37-38 Condenser and Choke Assembly	B1378	1.85		
40 Condenser Only	B1377	1.25		
45 Condenser Assembly	B1370	1.25		
46, 47 and 53 Condenser Assembly	B1369	2.25		
42, 44, 45 and 52 Complete Power Unit	B1376	4.95		
40, 56 and 57 Complete Power Unit	B1381	4.95		
43, 46, 47 and 53, Complete Power Unit	B1375	7.25		
55, 55C, 60, 60C: 7 Taps	B1368	2.50		
55F, 55FC, 3rd Type 60C, L-1 Chassis 5 Taps	B1367	2.80		
66, 7 Taps	B1366	1.65		
67 Series	B1365	2.90		
89	B1364	2.90		
<b>BALKEIT</b>				
Model "C"	B1355	3.40		
<b>BDSCH</b>				
Model "Little Six"	B1350	4.40		
Model 28	B1349	2.75		
Model 29-825	B1348	3.45		
Model 48	B1347	2.25		
Model 58 and 60	B1346	2.75		
Models 5 and 5-A	B1345	1.95		
Models 31 and 32 Superhet	B1344	2.20		
Models 20J, 20K and 20L	B1343	2.75		
Model 133	B1342	2.45		
Models 73 and 74	B1341	2.25		
<b>BRANDES</b>				
Models B-10 and B-11	B1335	1.50		
Models B-15 and B-16	B1334	1.95		
<b>BREMER TULLY</b>				
Models 8-20A, 8-21A	B1325	3.10		
Models 6-40, 6-41	B1324	3.50		
Models 7-70, 7-71	B1323	3.70		
Models S81 and S82 Green Spot	B1312	.48		
Models S81 and S82 Blue Spot	B1314	.48		
Models S81 and S82 Black Spot	B1313	.48		
Models 81 and 82 Yellow Spot	B1315	.48		
<b>BRUNSWICK</b>				
Models PR-17-R	B1020	1.80		
Models 2KR0, 3KR0, 2KR6, 5KR0, 5KR6	B1019	.37		
Model 5N0 power unit	B1015	1.85		
Models 3NC8, 5NC8, Condenser Block	B1014	2.10		
Models 3NC8, 5NC8, Field Supply Filter	B1013	2.10		
Models 3NC8, 5NC8, Coupling Unit	B1012	2.70		
Models 15 and 22	B1309	3.50		
Models 14, 21 and 31 Red Spot	B1311	.48		
Models S14, S21 and S31 Green Spot	B1312	.48		
Models S14, S21 and S31 Blue Spot	B1314	.48		
Models S14, S21 and S31 Black Spot	B1313	.48		
<b>CLARIDN</b>				
Models 51, 53, 55	B1305	\$3.75		
<b>COLDNIAL</b>				
Model 50 A.C. (R-6238)	B1300	\$2.25		
Model 28	B1301	2.45		
Model 31	D3318	1.60		
Model 32 Electrolytic	D3318	1.60		
Models 33 and 34 Electrolytic	D3316	1.15		
<b>COLUMBIA RADID</b>				
Model Screen Grid 8	B1290	2.55		
<b>COLUMBIA-KOLSTER</b>				
Models C-1, C-3	B1280	1.75		
Model C-5	B1278	3.25		
Models C-6, C-7	B1277	1.90		
Models 930, 931 and 961	B1275	3.25		
Model 930-300	B1273	3.50		
Model 950	B1271	3.50		
Model 980	B1272	3.50		
<b>DAYFAN</b>				
Model 5091	B1255	3.90		
Model 5003	B1251	3.90		
Models 5069, 5077, 5080	B1252	3.90		
<b>DAYTON</b>				
Model AC-63	B1250	2.95		
Model 5309-A	B1249	3.45		
<b>EARL, C. A.</b>				
Models 21 and 22	B1245	2.45		
Models 31, 31S, 32, 32S, 33, 33S and 41	B1244	2.45		
<b>EDISON</b>				
Models R-1, R-2, C-2	B1220	3.45		
Models R-4, R-5, C-4	B1219	2.75		
Models R-6, R-7	B1218	2.75		
<b>EVEREADY</b>				
Models 30, 40 and 50 Series	B1210	2.75		
Models 1, 2 and 3	B1349	2.75		
<b>FADA</b>				
Models 25, No. 1780X	B1205	2.95		
Models 35, 35Z, No. 1790X	B1203	2.75		
Models 25 and 35 (Late) No. 1801X	B1201	2.75		
Models 42, 44, 46, 47, No. 1830X	B1199	2.75		
Models 50, 70, 71, 72, 75, 77, No. 1492MS	B1197	3.70		
Model KA	B1196	3.95		
Model 43	B1206	2.95		
<b>FEDERAL</b>				
Model "H"	B1180	2.40		
Model "K"	B1179	2.45		
<b>FREED</b>				
Models 55 and 56	B1245	2.45		
Models 65, 78, 79, 90 and 95	B1244	2.75		
<b>FREED-EISEMANN</b>				
Model NR 57	B1170	2.95		
Model NR 70	B1169	2.95		
Model NR 80	B1168	2.95		
Model NR 85	B1167	2.90		
Model 411	B1166	2.70		
Model 480 A.C.	B1165	3.25		
Model 480 D.C.	B1164	2.45		
<b>FRESHMAN</b>				
Model "Q"	B1155	1.50		
Model "QD"	B1154	2.25		
Model N (all models)	B1153	3.20		
Model G-60S	B1152	2.20		
Model M-60S	B1151	2.90		
<b>GENERAL ELECTRIC</b>				
Models H-31, 51 and 71	B1005	2.75		
<b>GREBE</b>				
Model AC-6	B1130	3.00		
Model SK-4	B1129	2.00		
<b>GENERAL MOTORS</b>				
Models 120, 130, 140, 150 and 160. "A" Chassis	B1125	3.75		
<b>GRAYBAR</b>				
Model 311	B1020	1.80		
Models 44, 46 and 47	B1016	2.25		
Model 60	B1015	1.85		
Model 62. Condenser Block	B1014	2.10		
Model 62. Field Supply Filter	B1013	2.20		
Model 62. Coupling Unit	B1012	2.70		
Model 600	B1010	1.50		
Model 600. By-Pass Assembly	B1009	5.75		
Models 700, 770, 900	B1005	2.50		

# Condenser Blocks

	Stock No.	Your Cost
<b>GULBRANSEN</b>		
Model 9 in Line	B1109	\$3.75
<b>HAMMARLUND</b>		
Model HIQ 30	B1105	\$4.25
Model HIQ 31	B1104	4.25
<b>KING</b>		
Model "J"	B1100	4.25
<b>KOLSTER-COLUMBIA</b>		
Model 6-H	B1090	3.25
Models 6-J, 6-K, 6-R	B1089	2.65
Models K-20, 22, 25 and 27	B1280	1.75
Models K-21 and K-23	B1088	2.75
Model K-24	B1278	3.20
Model K-43	B1334	1.95
Model K-44	B1087	2.75
Model K-45	B1086	3.20
<b>MAJESTIC</b>		
Model 70, Series 7PB6 Power Unit	B1070	1.65
Model 80-180, 8PB6 Power Unit	B1069	3.75
Model 90, Series 9PB6 Power Unit	B1067	1.95
Models 90-B and 100-B	B1065	1.65
Model 50	B1063	2.25
Model 20 Condenser and Input Transformer	B1064	3.75
Model 30 Condenser and Choke Assembly	B1066	2.95
<b>PEERLESS</b>		
Model 65	B1045	2.45
Model 70	B1044	2.45
<b>PHILCO</b>		
Model 20	B1030	4.40
Model 65	B1029	1.80
Model 82	B1028	1.80
Model 86	B1027	1.80
Model 87	B1026	1.80
Model 511	B1025	3.75
Models 95, 96, 296, 111, 211, 112, 212	B1031	3.90
Models 76 and 77	B1032	3.75
<b>RCA-RADIOLA</b>		
Models 17 and 50	B1020	1.80
Model 18, 33 and 51	B1019	.37
Model 30-A Filter	B1018	6.75
Model 30-A By-Pass	B1017	4.45
Models 44, 46 and 47	B1016	2.25
Model 60	B1015	1.85
Model 62 Filter	B1014	2.10
Model 62 Field Filter	B1013	2.20
Model 62 Coupling Unit	B1012	2.70
Model 64 Filter Block	B1011	5.45
Model 66 Filter Block	B1010	1.50
Model 66 By-Pass Unit	B1009	5.75
Model 64 By-Pass Unit	B1008	1.45
Model 67 Filter Block	B1007	9.50
Model 67 By-Pass Unit	B1006	1.50
Models 80, 82 and 86	B1005	2.50
Model 41 Receptor Pack	B1004	2.65
Model 41 Sterling Pack	B1003	3.50
<b>SILVER-MARSHALL</b>		
Model 30	B985	4.65
Model ABC 850	B986	4.16
Sheridan Model	B987	1.96
Power Supply Unit	B988	3.31
Model 773	B989	1.47
Model G	B989	1.47
Model J	B991	1.63
Model 726	B989	1.47
<b>SPARTON</b>		
Model AC-5	B980	2.95
Models AC-7, 62 and 63	B979	2.95
Model 109	B978	3.75
Model 89-A	B976	3.75
Models 69, 79 and 89	B975	2.95
Model 301-A	B974	5.90
Model 930	B973	2.95
Model 797	D3317	1.30
Models 589 and 931	D3317	1.30
<b>SONORA</b>		
Models B-30 and B-31	B950	2.90
DeLuxe 44	B949	7.90
<b>STEINITE</b>		
Models 40-A and 45-A	B940	3.25
Models 40-C, 60-C and 102-C	B941	3.25
Models 50-A and 102-A	B939	3.50
Models 70, 80 and 95	B938	2.80
Models 261 and 262	B937	2.95
Model 991	B936	4.35

	Stock No.	Your Cost
<b>SPLITDRF</b>		
Abbey, Jr.	B523	\$1.25
Model M-6	B525	2.75
<b>STEWART-WARNER</b>		
Models using Majestic Power Unit	B930	3.85
Model 900 A. C. Series No. 61303	B929	1.75
Model 900-950 A. C. Series Condenser and Choke Assembly	B928	3.75
<b>STROMBERG-CARLSON</b>		
Models 10 and 11	B920	3.45
Models 12 and 14	B919	5.10
Models 635 and 636	B918	3.45
Model 638	B917	3.45
Models 641, 642, 652 and 654	B916	3.75
Models 846 and 848	B915	3.95
<b>TEMPLE</b>		
Models 860, 880 and 890	B905	4.25
Model 761	B904	4.00
<b>VICTOR</b>		
Models 9-18 and 9-54	B1011	5.45
Model AP, 736, Power Unit	B891	4.75
Models R-32, RE-45, R-52, RE-75	B890	.65
Models 35, 39 and 57	B892	3.25
<b>ZENITH</b>		
Model ZE-10 Power Unit No. 22-40	B870	3.75
Models ZE-11, Z-14 Power Unit No. 22-41	B869	2.95
Model ZE-13 Power Unit No. 22-46	B868	3.95
Model ZE-16 Power Unit No. 22-48	B867	6.90
Model ZE-17 Power Unit No. 22-49	B866	6.50
Model ZE-18 Power Unit No. 22-57	B865	4.15
Model Super-Het., 11, 12, 14	B864	2.50
<b>ELIMINATOR BLOCKS</b>		
<b>ALL AMER. MOHAWK</b>		
A & B Elim. Condenser Block	B895	4.00
<b>DUMONT</b>		
"A" Eliminator Block	B858	1.25
<b>FADA "ABC" POWER PACK</b>		
"A" Condenser	B857	1.25
"B" Condenser Block	B856	3.25
<b>FRANCE</b>		
Model 102 "A" Elim.	B855	2.25
<b>FARRAND</b>		
"B" Elim. Condenser	B854	3.95
<b>EXIDE WILLARD</b>		
Eliminator Condenser	B853	2.90
<b>GREENE AND BROWN</b>		
"A" Elim. Condenser	B852	3.00
"B" Hi-Power Condenser	B851	3.95
"B" Super Condenser	B850	3.75
<b>MAJESTIC</b>		
"A" Elim. Condenser	B849	2.45
"B" Super Condenser	B848	1.95
"B" Master Condenser	B847	1.95
"B" Special Master Condenser	B846	1.95
<b>PHILCO</b>		
"ABC" Elim. "B" Condenser	B845	3.00
<b>STERLING</b>		
"A" Elim. Condenser	B844	3.00

## Faradon Filter Condenser

4 Mfd.—300 V.

This type of filter condenser is standard equipment for power packs, amplifiers, etc. Completely sealed in a fabric covered cardboard container. Size 4 1/2 x 3 1/4 x 4 3/4" high. Two soldering terminals. Shpg. wt. 2 lbs. **Your Cost 60¢**



## Sparton Filter Condenser Blocks for Models 69, 79, 89



These are brand new condenser blocks made especially for replacement in Sparton models. Only the highest grade of paper and foil used in the construction of these units. The original specifications have been strictly adhered to. For guaranteed satisfaction, use these for Sparton replacements. Shipping weight 5 lbs. **Your Cost \$2.95**

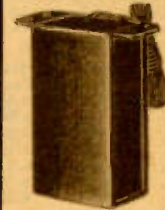
## Stromberg-Carlson Filter

Models 635, 636

The original Stromberg-Carlson filter condenser. Total capacity 23 mfd. Shipping weight 11 lbs. **Your Cost \$3.45**



## Ozarka Radio Filter Condenser



General purpose replacement filter condenser bank. Consists: Two 2 mfd. One 4.5 mfd. and two .5 mfd. at 400 v. D. C. in metal container. Size 2 1/4 x 2 5/8 x 3 1/2 ins. high with mounting flange. Shipping weight 3 lbs. **B489—Your Cost, Special 49¢**

## Condenser Blocks for Eveready Models 1, 2, 3, Bosch Model 28



This is the original condenser block and filter choke for the above Eveready and Bosch receivers. Set utilizing 4-26a, 1-27, 2-71As and 1-80 tubes. Filter choke is 30 henries at 80 ma. 2 mfd. and 4 mfd. filter condenser at 400 volt. Metal container. Shipping weight 7 lbs. **Your Cost Each \$2.75**

B1349

## Condenser Block for Kolster

Models K-20, K22, K48A Columbia Models C1 and C3



This unit is very compactly made, of the finest materials, and can be used for general replacement where similar capacities are required. Two 2 mfd. at 400 volt; one 2 mfd. at 160 volt; one 1 mfd. at 400 volt; one 1 mfd. at 400 volt. The original Faradon condenser block for the above model receivers. Guaranteed brand new. Shipping weight 3 lbs. **B1280 Your Cost \$1.75**

## Zenith Replacement 22-59

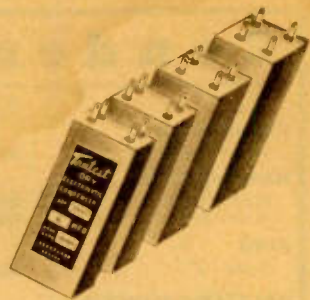
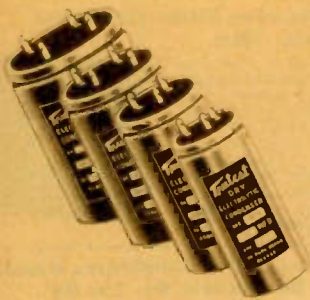


The official replacement condenser for Zenith Radio. Can also be used as a general replacement. Black common, Green 2 mfd., Blue 4 mfd., Yellow 4 mfd., two Whites .25 mfd. Size 6 1/2 x 4 1/2 x 2 1/2 ins. Shipping weight 5 lbs. **B863—Your Cost Special 95¢**

HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It.

# Trutest

## DRY ELECTROLYTIC CONDENSERS



Trutest Dry Electrolytic Condensers offer the widest selection available. Their unusual value for replacement use results both from mechanical adaptability and the superior performance, with higher voltage protection, which are inherent features of "Trutest Unsurpassed Quality."

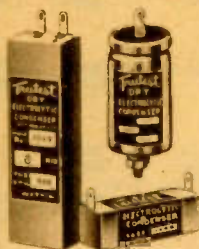
The capacity of Trutest Dry Electrolytic Condensers is practically constant over a wide frequency range. The excellent power factor characteristic of these units, under normal temperature conditions, means that electrostatic and effective capacities are practically the same, resulting in efficient filtering.

Trutest Dry Electrolytic Condensers measured under variable voltage conditions at a temperature of 25 deg. centigrade, show less than 2 M. A. leakage at the rated peak voltage of 500 volts. All types of Trutest Capacitors may be used with utmost confidence in their reliability.

### Multiple Sections

Stock No.	Cap'y At	Mfd. Anodes	Can Diam., Ins.	Your Cost	Six For
D3316	8-8	2 1/2	1 1/2	\$1.15	\$6.55
D3330	9-9	2 1/2	1 1/2	1.25	7.15
D3317	5-15	2 1/2	1 1/2	1.30	7.40
D3325	8-18	3	1 1/2	1.65	9.40
D3327	18-18	3	1 1/2	2.25	12.80
D3331	4-4-4	2 1/2	1 1/2	1.35	7.60
D3318	8-8-8	3	1 1/2	1.60	9.10
D3320	9-9-18	3	1 1/2	2.30	13.10
D3319	8-8-8-8	3 1/4	1 1/2	2.10	12.00
D3321	8-8-18-18	3 1/4	1 1/2	3.25	18.50
D3322	9-9-18-18	3 1/4	1 1/2	3.25	18.50

### Plain Cardboard Filter and



### General By-Pass Units

Suitable for use in the manufacture of radio sets or for replacement work to substitute for wax paper condenser blocks. They are light and compact and can be mounted in any position. Used for Filter sections, Cathode and "C" Bias by-pass condensers.

### Cardboard Container - 500 Volts Peak

Stock No.	Cap'y Mfd.	Size	Your Cost Each	Six For
D3346	4	4 1/2 x 1 1/2 x 1 1/2	\$0.36	\$2.05
D3347	6	4 1/2 x 1 1/2 x 2 1/2	.42	2.40
D3348	8	4 1/2 x 1 1/2 x 3 1/2	.43	2.45
D3349	10	4 1/2 x 1 1/2 x 4 1/2	.65	3.70
D3350	12	4 1/2 x 1 1/2 x 5 1/2	.75	4.30

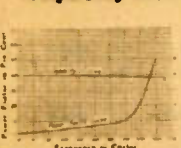
### Cardboard By-Pass Size Container

Stock No.	Cap'y Mfd.	Peak Voltage	Your Cost Each	Six For
D3351	2	500	\$0.32	\$1.85
D3352	4	220	.34	1.95
D3353	10	50	.34	1.95
D3354	25	25	.38	2.15

### Low Voltage Electrolytic Condensers

Round Cans with 1/4" Mounting Studs				Your Cost	Six For
Stock No.	Cap'y Mfd.	Volt.	Size	Each	For
D3355	10	25	1 1/2"	\$0.40	\$2.30
D3356	25	25	1 1/2"	.45	2.55
D3357	10	50	1 1/2"	.44	2.50
D3358	25	50	1 1/2"	.50	2.85
D3359	4	220	2 1/2"	.38	2.15

### Effect of Frequency Changes on Capacity and Power Factor



The capacity curves, represent measurement of 8 mfd. condensers, 500 volt peak rating, at 25 degrees Centigrade; the power factor taken by the Wien bridge method. The curves clearly show the capacity of the Trutest Dry Electrolytic Condensers remains almost constant from 60 to 6000 cycles, and the power factor remains very low, under all ordinary operation conditions.

### Capacity and D. C. Leakage at Varying Temperatures

Curves show average variation in capacity and D. C. leakage, under changing temperature conditions. They represent measurements of 8 mfd. 500 volt peak rating Trutest Dry Electrolytic Condensers. D. C. leakage was measured at 500 volts, after the application of voltage for five minutes. The capacity remained practically constant throughout a temperature range of from 40 to 80 deg. Centigrade.



### Multiple Sections



These multiple section condensers are made in two styles. One in plain cardboard container, used for sub-base and sub-panel mounting; the other in a rectangular aluminum can, for mounting above the base, on and about the chassis. The condenser sections are

thoroughly insulated from each other. Separate terminals are brought out from each section. The capacity of these condensers is practically constant over a wide frequency range, with low power factor under any ordinary conditions of use. Over-all height 4 3/4". Are of 500 volt D. C. peak voltage, unless otherwise listed.

Plain Cardboard, Dual Sections. Compact, electrolytic, for A. C. and D. C. sets.

Stock No.	Capacity Mfds.	Working Voltage	Size	Your Cost Each
D3361	4-4	300	2 1/2" x 1"	\$0.45
D3362	5-5	25	2 1/2" x 1"	.39

Plain Cardboard, Multiple Sections. 500 volts D. C. peak.

Stock No.	Cap. in Mfds.	Size	Your Cost Each	Six For
D3337	4-4	1 1/2" x 1 1/4"	\$0.70	\$4.00
D3338	4-6	1 1/2" x 1 1/4"	.80	4.50
D3339	4-8	1 1/2" x 1 1/4"	.90	5.10
D3340	6-6	1 1/2" x 1 1/4"	.90	5.10
D3341	6-8	1 1/2" x 1 1/4"	1.00	5.70
D3342	8-8	1 1/2" x 1 1/4"	1.05	6.00
D3364	4-4-4	2 1/2" x 1 1/4"	1.00	5.70
D3365	6-6-6	2 1/2" x 1 1/4"	1.15	6.55
D3366	8-8-8	2 1/2" x 1 1/4"	1.40	8.00

### Rectangular Aluminum Cans

Single and multiple sections. 500 volts D. C. peak.

Stock No.	Cap. in Mfds.	Size	Your Cost Each	Six For
D3302	S-4		\$0.48	\$2.75
D3303	S-8		.58	3.30
D3343	4-6	1 1/2" x 1 1/4"	.90	4.90
D3344	4-8	1 1/2" x 1 1/4"	.98	5.65
D3345	6-8	1 1/2" x 1 1/4"	1.10	5.25
D3305	4-4-4	2 1/2" x 1 1/4"	1.08	6.15
D3306	6-6-6	2 1/2" x 1 1/4"	1.30	7.40
D3307	8-8-8	2 1/2" x 1 1/4"	1.60	9.00

### Trutest Dry Electrolytic Cartridge Condensers



Enclosed in waxed cardboard containers with metal ends and 1 3/4" tinned wire leads. Hermetically sealed. Very convenient to use. Compact.

Stock No.	Cap'y Mfd.	Work Volts	Your Cost Each	Six For
D3380	5	25	\$0.20	\$1.15
D3381	10	25	.20	1.15
D3382	25	25	.20	1.15
D3383	50	25	.30	1.70
D3384	5	50	.25	1.40
D3295	10	50	.25	1.40
D3297	25	50	.38	1.15
D3387	5	110	.30	1.70
D3388	10	110	.40	2.40
D3389	1	220	.30	1.70
D3390	2	220	.30	1.70
D3391	4	220	.40	2.25



Cardboard type, two heavy mounting flanges, mounts under chassis. Separate terminals for each section. 4 1/4" length.

Stock No.	Capacity mfd.	Size	Your Cost Each	Six For
D3369	8	1 1/2" x 1 1/4"	\$0.49	\$2.80
D3370	4-4	1 1/2" x 1 1/4"	.70	4.00
D3371	4-6	1 1/2" x 1 1/4"	.80	4.55
D3372	4-8	1 1/2" x 1 1/4"	.90	5.10
D3373	6-6	1 1/2" x 1 1/4"	.90	5.10
D3374	6-8	1 1/2" x 1 1/4"	1.00	5.70
D3375	8-8	1 1/2" x 1 1/4"	1.05	6.00



### Single 8 Mfd.

This Trutest 8 mfd. 500v peak Condenser is used in new installations and replacements. Designed for filtering of rectified current, and not injured by current surges. In round aluminum can, of standard size, fits hole for 3/8" studs. Can is insulated from the condenser sections, and not grounded. Color ended wire leads. Guaranteed. Shipping weight 1 lb. Six for \$3.10.

D3315 List \$1.10  
Your Cost Each

54¢

### Trutest 8 Mfd. Cardboard Container

This 8 mfd. 500v peak condenser is similar to above, excepting that it has a waxed cardboard container. Used for set building; in replacement work, and to substitute for old type wax paper condensers. Is thoroughly insulated. Size 4 1/2" x 1 1/2" x 1 1/2". Shipping weight 1 lb. Six for \$2.45.

D3348 List \$1.00  
Your Cost

43¢



### Single and Dual Sections

Single and Dual Sections furnished in round aluminum cans, of one standardized size, fitting any single mounting hole designed for 3/8" studs. The cans are not grounded and are adequately insulated from the condenser sections. Color coded 6" wire leads. 500 volt peak voltage.

Stock No.	Cap'y Mfd.	Your Cost Each	Six For
D3323	4	\$0.44	\$2.50
D3332	6	.50	2.85
D3333	10	.75	4.30
D3334	12	1.00	5.70
D3326	4-4	.75	4.30
D3335	4-8	.95	5.40
D3336	6-8	.95	5.40

# Truest By-Pass Condensers

## Single Unit By-Pass



Universal mounting types, and compactness for general purpose work. Hermetically sealed in

drawn aluminum cans. Each condenser unit tested at 1000 volts D. C. Assuring you of a quality replacement.

Stock No.	Cap'y	Voltage	Your Cost Each
D3260	.1	200	\$0.18
D3261	.25	200	.21
D3262	.5	200	.26
D3263	1.0	200	.30
D3264	2.0	200	.54
D3265	.1	300	.18
D3266	.25	300	.22
D3267	.5	300	.29
D3268	1.0	300	.43
D3269	.1	400	.20
D3270	.25	400	.25
D3271	.5	400	.33
D3272	1.0	400	.43

## Multi-Unit By-Pass

Stock No.	Cap'y	Voltagess	Your Cost Each
D3273	1-1	200	\$0.27
D3274	1-1-1	200	.37
D3275	.25-25	200	.32
D3276	5-5	200	.41
D3281	1-1	300	.31
D3282	.25-25	300	.40
D3283	5-5	300	.54
D3277	1-1	400	.30
D3278	1-1-1	400	.42
D3279	.25-25	400	.42
D3280	5-5	400	.53



## Truest Midget Cartridge Condensers

These Midget Cartridge Condensers are very compact, half the size of the average Cartridge Condenser. High quality paper and foil used. Especially adaptable to

A. C.-D. C. Receivers, or where space is a factor. Sealed at the ends, leads cannot pull out.

Stock No.	Cap'y Mfd.	Work. Volt.	Your Cost	Stock No.	Cap'y Mfd.	Work. Volt.	Your Cost
D3175	.05	200	\$ .07	D3186	.006	600	\$ .07
D3176	.1	200	.07	D3187	.01	600	.09
D3177	.25	200	.10	D3188	.02	600	.11
D3178	.5	200	.15	D3189	.05	600	.12
D3179	.01	400	.08	D3190	.1	600	.14
D3180	.02	400	.08	D3191	.25	600	.15
D3181	.05	400	.09	D3192	.05 .05	200	.15
D3182	.1	400	.11	D3193	.1 .1	200	.17
D3183	.25	400	.13	D3194	.25 .25	200	.22
D3184	.001	600	.07	D3195	.05 .05	400	.20
D3185	.002	600	.07	D3196	.1 .1	400	.20

Furnished in the following hand strips—containing one each of the following cartridge condensers:



Strip "A"	Strip "B"
.1 200 Volt	.05 200 Volt
.5 200 Volt	.25 200 Volt
.01 400 Volt	.5 200 Volt
.05 400 Volt	.02 400 Volt
.1 400 Volt	.25 400 Volt
.006 600 Volt	.001 600 Volt
.01 600 Volt	.002 600 Volt
.02 600 Volt	.05 600 Volt
.1 600 Volt	.1 600 Volt
.25 600 Volt	1.1 200 Volt
.05 .05 200 Volt	.25 .25 200 Volt
.1 .1 400 Volt	.05 .05 400 Volt

D3197 Strip "A" Your Cost **\$1.35**  
 D3198 Strip "B" Your Cost **\$1.45**

## TRUTEST Assorted By-Pass Condensers



A very handy assortment for the Service Man. Contains 12 of the most popular capacities in drawn metal cans; assorted as follows. Shipping weight 3 lbs.

The following capacities at 200 volts: One .1, one .25, two .5, two 1., 300 volts, one .1, one .25, one .5, one 1., at 400 volts, one .5, one 1.

Your Cost **\$3.25**

## Truest Cartridge Condenser Kit

Contains 25 of the most popular capacities used to service every make and type of receiver. Every service man should have this Kit in his shop. The following are the capacities and voltage ratings:

Units Cap.	Volts	Units Cap.	Volts
4 .01	400	2 .05	400
4 .02	600	2 .05 .05	400
4 .1	200	2 .25	400
3 .1	600	2 .5	200
2 .006	600		

Shipping weight 4 lbs. D3199—Complete Kit of 25.

Your Cost **\$2.59**



## Sangamo Mica Condensers

Stock No.	Capacities Mfd.	Your Cost
D3050	0.00004	\$0.23
D3051	0.00005	.23
D3052	0.0006	.23
D3053	0.0001	.23
D3054	0.00015	.23
D3055	0.0002	.23
D3056	0.00025	.23
D3057	0.0003	.23
D3058	0.00035	.23
D3059	0.0004	.23
D3060	0.0005	.23
D3061	0.001	.29
D3062	0.0012	.29
D3063	0.0015	.29
D3064	0.002	.29
D3065	0.0025	.29
D3066	0.003	.35
D3067	0.0035	.35
D3068	0.004	.35
D3069	0.005	.41
D3070	0.006	.50
D3071	0.007	.53
D3072	0.008	.59
D3073	0.01	.67
D3074	0.012	.70

### 5000 VOLT

D3076	.00005	D3080	.0005
D3077	.0001	D3081	.002
D3078	.00015	D3082	.001
D3079	.00025		

Your Cost Each **\$1.17**

## Hammarlund Equalizer

This is a very tiny equalizing condenser, having a capacity range of from 25 mmfds. minimum to 80 mmfds. maximum.

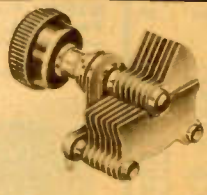


H9749—Per Dozen \$1.35 Your Cost Each **12¢**

## Truest Midget Tuning Condensers

A popular midget tuning condenser for set builders and experimenters. For short wave tuning, regeneration controls, antenna coupling, verniers, etc. Light in weight, strong and compact in construction, smooth as velvet in operation. Low minimum capacity, low loss, natural bakelite insulation, non-corrosive aluminum plates. Easy single hole mounting.  $\frac{1}{8}$ " shaft. Individually packed with bakelite knob.

Stock No.	Capacity	List	Your Cost
H9724	15 mmfd.	\$.85	\$.49
H9725	25 mmfd.	.85	.49
H9726	50 mmfd.	.90	.54
H9727	100 mmfd.	1.00	.59



## General Purpose By-Pass Condenser

Contains 9 .25 mfd. condensers with 3 commons and one 1 mfd. at 350 volts. Replacement in Kennedy Model 20 receiver. General replacement and experimenter's condenser block. Fully shielded in metal case with mounting lugs. Size 6x2x1". Better stock a dozen while they last. Shipping weight 3 lbs. B509—Your Cost Each **\$3.15** Per Dozen



## Truest Intermediate Tuning Condensers

Dual type. Isolantite bases, conditioned to resist moisture, and to maintain surface resistance. The principal use for these condensers is the tuning of intermediate frequency transformer stages in super-heterodyne receivers. Materials are of the highest grade, as both the sensitivity and selectivity of the receiver are dependent upon the quality of these condensers. Size 1 $\frac{1}{8}$ " x 1" for 2" shield.

Stock No.	Range	List	Your Cost Each
H9732	140-220	\$1.00	\$.39
H9733	70-140	.90	.35
H9734	10-70	.80	.30

## Truest Adjustable Padding Condensers

Single type are used for trimming aligning compensating and padding, or wherever a high quality compact adjustable condenser is required. The same high quality materials as in the dual type is used for these.

Stock No.	Range	Your Cost
H9735	140-220	\$.25
H9736	70-140	.22
H9737	10-70	.20



## Sprague Midget Condensers

The most popular type of Sprague Midget Condensers used. Can be used as general by-pass stopping and grid condensers. Ideal for midget sets and automobile receivers. Very popular with service men and set builders.



Stock No.	Capacity	Voltage
D4220	.0001	700
D4221	.0002	500
D4200	.0005	400
D4201	.001	700
D4202	.005	500
D4203	.006	400
D4204	.01	500
D4205	.02	700
D4206	.04	400
D4207	.05	500
D4208	.06	350
D4210	.1	400
D4211	.2	400

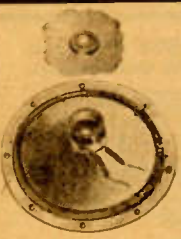
Your Cost Each **4¢**  
Per Dozen **45¢**

D4215	1-1	400
D4216	.015-.015	1500
D4217	.01-.01	400
D4218	.02-.02	400
D4219	.01-.1	100

Your Cost Each **10¢**  
Per Dozen **1.00**

Our Catalog No. 54, Spring 1933 contains thousands of replacement parts and are priced lower than will be found elsewhere. If you have not a copy, send for it now.

# Bargain Speakers and Accessories



**Brand New  
Genuine Victor  
Speaker Voice  
Coil and Cone**

**Improved  
Re-enforced  
R-32, RE-45,  
R-52, RE-75**

Shpg. wt. 4 lbs.

**W19571  
Your Cost \$75<sup>00</sup>**

## Replacement Cones for Standard Speakers

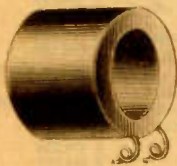
Stock No.	Set or Speaker	Outer Diam.	Your Cost
W19500	Atwater Kent 84B	8"	\$1.60
W19501	Atwater Kent 53-55-76	11"	2.40
W19502	Atwater Kent 87-89	11"	2.40
W19507	Brunswick Model D	9 1/2"	1.90
W19508	Brunswick Model 15	12"	2.45
W19517	Freed-Eiseman NR 80-95	10"	2.40
W19518	Jensen D4	9 1/2"	1.90
W19519	Jensen D7 Concert	11 1/4"	1.90
W19520	Jensen D9-D15	8 1/2"	1.30
W19521	Jensen D9, outer spider	11"	1.90
W19522	Jensen D15, inner spider	11"	1.90
W19523	Jensen D16	8"	1.60
W19525	Magnavox	6"	1.90
W19526	Magnavox	8"	2.25
W19527	Magnavox	10"	2.25
W19528	Magnavox	12"	2.35
W19529	Majestic G10B Midget	8"	1.75
W19530	Majestic G1	9"	1.50
W19531	Majestic G2	9"	1.50
W19532	Majestic G3	11"	1.50
W19533	Majestic G5	14"	2.40
W19534	Majestic G6, G20	10"	1.50
W19535	Majestic G13	10"	1.50

Phileco Part No.

W19547	Phileco 20, 21, 70, 90 large	02996	.45
W19548-49	Phileco 65, 76, 77, 87, 95, 96, 111, 112, 90 small	02874	.39
W19550	Phileco 86	2898-A	1.50
W19551	Phileco 511	2936-A	.45
W19552	Phileco 50, 51	02861	.36
W19553	Phileco 50, 51	02887	.39
W19460	Phileco 70, 90	02987	1.35
W19461	Phileco 90, 112		3.00
W19576	RCA Photophone	02988	2.25
W19554	RCA R-4, 6, 8	10 1/4"	1.95
W19557	RCA 47, 48, 57	10 1/4"	1.95
W19558	RCA 104, 105	8"	1.70
W19559	RCA 106	10 1/4"	1.50
W19469	RCA 106	6000	3.35
W19475	Rola Series F-K	2500	1.90
W19476	Rola Series F-K	6000	1.90
W19485	Utah 9"	2250	3.20
W19486	Victor 32-45-75	3000	1.75

## Field Coil for Victor Speaker

The genuine replacement for Victor Speakers used in Model receivers, R-32, R-52, RE-45 and RE-75. Can also be used in other speakers. 3,000 ohms D. C. resistance. Shpg. wt. 9 lbs.



**W19476  
Your Cost \$1.50**

## Replacement Field Coils

Stock No.	Set or Speaker	Ohms	Your Cost
W19413	Atwater Kent 53-55-65	650	\$2.90
W19414	Atwater Kent 53-55-65	1750	3.20
W19416	Colonial 31-32	6000	5.90
W19446	Majestic G1	2750	3.80
W19447	Majestic G2	2750	3.80
W19448	Majestic G5	1000	3.80
Phileco Part No.			
W19456-57	Phileco 65, 76, 77, 86, 87, 95, 96, 111	2850	1.95
W19458	Phileco 20, 21	2768	.75
W19459	Phileco 50, 51, 52	02942	1.05



## Oxford Special Dynamic Speakers

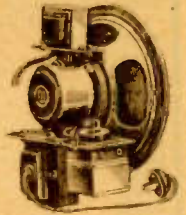
It was purposely designed to meet the enormous demand for a high quality dynamic speaker, small in size but retaining most of the characteristics of the larger sizes. Has an unusually uniform response, throughout the entire audio range, without noticeable stress. A special Midget Model 6" in diameter, for use in all types of Midget Receivers. It has a remarkable tone with plenty of volume. Equipped with output transformer for single 45 or 47. Well made of new high grade materials. Supplied with 2500 ohm field. Surprisingly faithful reproduction. Rugged construction. Shipping weight 8 lbs.

**W19166** For single 45 **W19167** For single 47  
**Your Cost, Either Type \$1.80**

## Oxford A.C. Dynamic Speakers

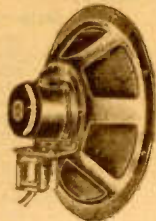
This A. C. Dynamic Speaker is one of the finest of this make, for use on 110 volt 60 cycle A. C. Designed for use in radio receivers, amplifiers, etc. Faithful reproduction, and built to handle tremendous volume without distortion. Uses type '80 rectifier. Has hum bucking coil which removes the usual A. C. hum from the reproduction. Equipped with output transformer for push-pull 46s and 47s. Shipping weight 15 lbs.

**8 1/2" Model**  
**W19162** For P-P 47s **W19164** For P-P 47s  
**W19163** For P-P 46s **W19165** For P-P 46s  
**Your Cost \$5.75** **Your Cost \$6.50**  
**Either Type** **Either Type**



## Single Speakers

This Dynamic Speaker Chassis is similar in design, workmanship and materials to the 8 1/2" model described above, with the exception that this is a D. C. model, and requires that the power is supplied from the radio receiver, amplifier, or other source of supply. For use in Radio receivers, amplifiers, etc. Furnished with output transformer for push-pull 45s and 47s. Is equipped with hum bucking coil. Shipping weight 12 lbs.



**W19150** For push-pull 71s, 45s, 50s  
**W19151** For push-pull 47s  
**Your Cost, Either Speaker \$2.90**

## Oxford Dynamic New Twin Speakers

The use of two Electro-Dynamic Speakers with matched and balanced tone ranges is one of the most popular methods in use at the present time. One gives unusually faithful reproduction of the extreme low notes, while the other responds to the brilliant high overtones. The entire reproduction is compensated over the entire musical range, giving vastly improved fidelity. Speakers furnished with 2500 ohm field and output transformer for push-pull 46s and 47s. Shpg. wt. 12 lbs.

**6" Twins**  
**W19158** P-P 71s, 45s, 50s  
**W19159** P-P 47s  
**Cost per Pair, Either Type \$4.65**  
**8 1/2" Twins**  
**W19160** P-P 71s, 45s, 50s  
**W19161** P-P 47s  
**Cost per Pair, Either Type \$5.35**

## R.C.A. 106 A.C. Dynamic Speaker Chassis

**Latest Model**



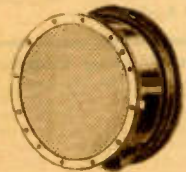
The tremendous power handling capacity of this fine reproducer makes it especially suitable for de luxe radio installations. One of the finest Dynamic Speaker assemblies. Consists of the No. 106 Dynamic Speaker Chassis, mounted in Metal Frame 14" high, 12" wide. Cone diameter is 10", depth 6 1/2". A heavy gauge metal cone is mounted to the frame below the field coil, containing Transformer, supplying the filament voltage for the type '80 rectifier, with a high voltage field winding; filter condensers; output transformer and socket for rectifier tube. Transformer is tapped and speaker can be used for single or push-pull '71-A, 45s or 50s. An exceptionally fine Dynamic Speaker, for 110 volt, 60 cycle A. C. Has an absolute tone fidelity and a remarkably even response throughout the range of all frequencies within the audible band. Shipping weight 23 lbs.

**W19171  
Your Cost Less Tubes**

**\$12.50**

## R.C.A. 100-A Magnetic Chassis

This is the famous 100-A Magnetic Speaker Chassis, housed in a strong protective Fibre casing, faced with a Ornamental Grill; finished expressly for the Victor R-32, RE-45, R-52, RE-75 and other models of its type, consists of the Cone, Frame, Magnet, Motor Mechanism and Filter Unit. The method of mounting the complete unit provides easy access to the different parts. The simple and rugged design of this Loudspeaker makes it practically trouble-proof, and permits easy and simple adjustments if at all necessary. Acoustically this speaker gives an excellent response to all frequencies employed in the broadcasting of hot music and speech; electrically it is of the electro-magnetic type, and is provided with a special filter for eliminating high frequencies that are not in the acoustical range, which would be reproduced as noise and distortion if the filter was not used. This is a remarkable bargain at price quoted. Shipping weight 5 lbs.



**W19172  
Your Cost for Entire Unit \$2.80**

## Victor Replacement Speaker

**For Models R-32, R-52, RE45-RE75-245  
Amplifier**

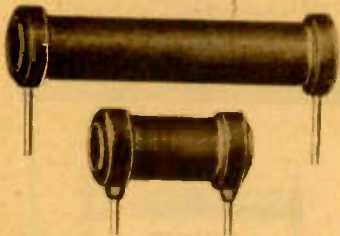
This dynamic speaker, manufactured by Magnavox, is designed expressly for the Victor R-32, RE-45, R-52, RE-75 and other models of this type. Has the same identical characteristics, including height and depth; diameter of cone; cord and plug; field; etc. Scientifically designed for maximum volume, with full rich tone. Only the highest grade of a material and workmanship used. Cone is a superior special milled parchment, centered accurately, eliminating chattering. Ruggedly constructed. Ideal as a replacement wherever a 3000 ohm field speaker is required. Case in black finished. Overall size 9 1/2" high; 9" wide; 6 1/2" deep. Shipping weight 12 lbs.



**W19391** List \$20.00  
**Your Cost Each \$4.75**

# Be Safe - Buy I R C Metallized RESISTORS!

## Power Wire Wound Resistors



These new Power Wire Wound Resistors are rugged, permanent, accurate and possess an added advantage of Positive Contact. This is due to a ring moulded around the ceramic material through which the nichrome wire passes, embedding itself into the metal. Select the value wanted from the following list, sizes and prices of various types given in column to right.

Ohms	Ohms	Ohms	Ohms
1	200	3000	20000
5	300	5000	25000
10	500	7500	30000
25	1000	10000	40000
50	2000	12500	50000
100	2500	15000	

### Type "PA"

3 Watt Power Wire Wound (Max.)

$\frac{7}{8}$ " long by  $\frac{3}{8}$ " diameter. Tolerance 5%. Range up to 5000 ohms (see list). List 35c. E5196 - Your Cost **21c**

### Type "PB"

5 Watt Power Wire Wound (Max.)

$1\frac{1}{4}$ " long by  $\frac{3}{8}$ " diameter. Tolerance 5%. Range up to 15000 ohms (see list). List 35c. E5197 - Your Cost **21c**

### Type "PC"

10 Watt Power Wire Wound (Max.)

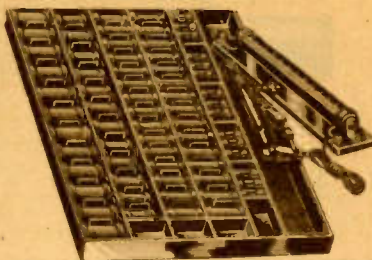
2" long by  $\frac{3}{8}$ " diameter. Tolerance 5%. Range up to 30000 ohms (see list). List 50c. E5198 - Your Cost **29c**

### Type "PD"

15 Watt Power Wire Wound (Max.)

3" long by  $\frac{3}{8}$ " diameter. Tolerance 5%. Range up to 50000 ohms (see list). List 65c. E5199 - Your Cost **38c**

## The New I. R. C. Combination Kit No. 6



You save \$7.00 by buying this complete kit at \$16.50, which would cost \$23.50 if each item of this kit were purchased separately. Kit consists of a set of 69 resistors selected to fit the needs of any emergency.  $\frac{1}{2}$  watt resistors used in Midget Receivers on account of their size. 1 watt resistors with formulas showing how thousands of values can be quickly made up. 2 watt resistors for higher wattage replacements. 5 watt resistors are the sizes that take the greatest load, and that burn out most frequently. 10 watt resistors needed for general work, such as for replacing burned out sections of voltage dividers, and for biasing resistors for power tubes. 15  $\frac{1}{2}$  watt; 15-1 watt; 15-2 watt; 12-5 watt; 12-10 watt—all of the most popular sizes. Kit contains IRC Resistor Indicator, Steel Cabinet with Cover, Resistor Guide Book and Color Code Chart and 69 Resistors. Shpg. wt. 14 lbs.

E5271 - Complete Kit **\$16.50**  
Your Special Price

## The New I. R. C. Resistor Indicator



A new service help! Instantly tells the value of any burned-out resistor. Connect the I. R. C. Indicator in place of the defective Resistor. Turn the set on. Start with test prod at 100,000 ohms and gradually decrease resistance until proper value is determined—when best tone quality and volume result. Shpg. wt. 2 lbs. E5299 - List Price \$4.00  
Your Cost **\$2.35**

## Metallized Replacement Resistors



$\frac{1}{2}$  Watt  
1 Watt  
2 Watt

We stock I. R. C. metallized type F- $\frac{1}{2}$  ( $\frac{1}{2}$  Watt), Type F-1 (1 Watt) and Type F-2 (2 Watt) in the following ohmages. Only the 1-watt resistors, however, are available in ohmages above 5 megohms. Select resistors wanted from this list, specify resistance value and quote stock number shown opposite each type below.

Ohms	Ohms	Ohms	Megohms
100	6000	50000	2
250	7000	75000	2 $\frac{1}{2}$
500	8000	100000	3
1000	9000	150000	3 $\frac{1}{2}$
1500	10000	200000	4
2000	12500	250000	5
2250	15000	300000	6
2500	17500	400000	7
3000	20000	Megohms	8
3500	25000		9
4000	30000		10
5000	40000		

\* Available in 1-watt type only.

E5250 - Type MF- $\frac{1}{2}$  ( $\frac{1}{2}$  Watt). Length 1". Pigtail Type. List 20c. Your Cost **12c**

E5251 - Type F-1 (1 Watt). Length 2". Pigtail type. List 20c. Your Cost **12c**

E5252 - Type F-2 (2 Watt). Length 2". Pigtail type. List 30c. Your Cost **18c**

With I. R. C. Metallized Resistors you obtain a guarantee of quality, a guarantee of uniformity possible only from makers of standard merchandise.

**FREE** I. R. C. Resistor Replacement Guide with an order for 10 or more I. R. C. Metallized Resistors—R. M. A. Color Code with each order for three or more I. R. C. Metallized Resistors.

## PRECISION WIRE WOUND RESISTORS



### WW1

No.	Ohms	M. A.	List	Cost
E5150	1	1000	\$1.50	\$1.03
E5151	2	707	1.50	
E5152	3	577	1.50	
E5153	4	500	1.50	
E5154	5	448	1.50	
E5155	6	407	1.50	
E5156	7	377	1.50	
E5157	8	353	1.50	
E5158	9	333	1.50	
E5159	10	316	1.25	.85
E5160	25	200	1.25	
E5161	50	141	1.25	
E5162	100	100	1.25	
E5163	150	81	1.25	
E5164	200	71	1.25	
E5165	500	44.6	1.25	
E5166	1000	31.6	1.25	
E5167	2500	20.0	1.25	
E5168	5000	14.1	1.25	

I. R. C. Precision Wire Wound Resistors have been developed to meet the most exacting demands of accuracy. Length 2  $\frac{1}{4}$  inches. Guaranteed accuracy 1%.

No.	Ohms	M. A.	List	Cost
E5169	10000	10.0	\$1.50	1.03
E5170	12500	8.7	1.50	
E5171	20000	7.05	1.50	
E5172	25000	6.32	1.50	
E5173	30000	5.75	1.50	
E5174	35000	5.35	1.50	
E5175	40000	5.00	1.50	
E5176	50000	4.47	1.50	
E5177	60000	4.08	1.50	
E5178	75000	3.64	1.50	
E5179	100000	3.16	2.00	1.37
E5180	125000	2.82	2.00	
E5181	150000	2.58	2.25	
E5182	175000	2.46	2.25	
E5183	200000	2.23	2.50	1.70
E5184	225000	2.11	2.75	
E5185	250000	2.00	2.75	1.89
E5186	300000	1.83	3.00	
E5187	400000	1.58	3.50	2.06
E5188	500000	1.41	4.00	



Stock No.	Resistance Ohms	List Price	Your Cost
E5125	200	\$0.75	\$0.50
E5126	500	.75	
E5127	1000	.80	
E5128	2500	.80	
E5129	5000	1.00	.68
E5130	7500	1.00	
E5131	10000	1.00	
E5132	12500	1.00	.78
E5133	15000	1.00	
E5134	20000	1.15	
E5135	25000	1.25	.85
E5136	30000	1.25	
E5137	35000	1.25	1.03
E5138	40000	1.25	
E5139	50000	1.50	1.50
E5140	60000	1.50	
E5141	75000	1.50	1.37
E5142	100000	2.00	

HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It.

# Trutest Carbon Resistors

## Trutest Carbon Resistors

**\$2.25**  
Net



R. M. A.  
Color Coded  
Resistors in  
Sturdy Metal  
Box with  
Hinged  
Cover

Free  
Color  
Code  
Chart

**Twenty-Five Certified Trutest R. M. A.** color coded 1 watt resistors in a neat and durable finished metal case measuring  $4\frac{1}{4} \times 6\frac{1}{4} \times 3\frac{1}{4}$ " deep. The handiest arrangement ever devised for the serviceman. Over a thousand ranges possible by different combinations of these units. Kit contains one each of the following high grade resistors:

Ohms	Ohms	Ohms	Ohms	Ohms
200	1000	10000	30000	100000
400	2000	12500	40000	250000
500	3000	15000	50000	500000
700	4000	20000	60000	1 Meg.
800	6000	25000	75000	2 Meg.

**E4432**—Shipping weight  $1\frac{1}{4}$  lbs. **\$2.25**  
Your Cost per Kit

**Forty-Eight Certified Trutest R. M. A.** color coded resistors of the most popular sizes in a substantial metal case. Size  $10\frac{1}{4} \times 4\frac{1}{4} \times 4\frac{1}{4}$ " deep. Contains one each of the following high grade resistors:

Ohms	Ohms	Ohms	Ohms
1-200	1-3000	1-20000	1-125000
2-400	2-4000	2-25000	1-250000
2-500	2-5000	1-30000	2-500000
1-600	1-6000	1-40000	1-750000
1-800	1-8000	2-50000	2-1 Meg.
2-1000	2-10000	1-60000	1-1 1/2 Meg.
1-1500	1-17500	1-75000	2-2 Meg.
2-2000	1-17500	3-100000	1-3 Meg.
1-2500	1-15000		

**E4433**—Shipping weight  $2\frac{1}{2}$  lbs. **\$4.15**  
Your Cost per Kit

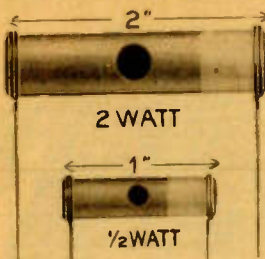
### Special Philco Resistor Kit

This Kit enables you to Resistor Service any model Philco set or in fact any make or type of receiver. Forty of the finest quality resistors are contained in a neat and durable finished Metal Case,  $10\frac{1}{4} \times 4\frac{1}{4} \times 3\frac{1}{4}$ " deep. Thousands of odd combinations of values possible with this kit. Free color code chart with each kit. Shipping weight 3 lbs.

1/2 AND 1/4 WATT SIZES					
Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
1000	8000	20000	45000	99000	330000
2900	10000	25000	51000	160000	490000
5000	15000	32000	70000	240000	1 Meg.
1 WATT SIZES					
Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
1000	8000	20000	32000	70000	240000
2000	10000	25000	51000	99000	490000
5000	15000			190000	1 Meg.
2 WATT SIZES					
Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
1000	15000	20000	51000		

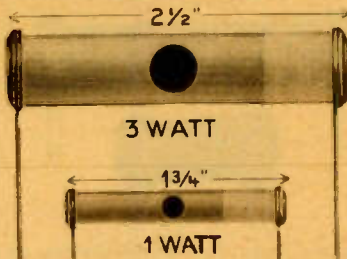
**E4434**—Complete Kit of 40 Resistors.

Your Cost **\$3.95**



2 WATT

1/2 WATT



3 WATT

1 WATT

TRUTEST RESISTORS are R. M. A. Color Coded for easy identification and are made of the finest material and workmanship. **Guaranteed accuracy, 10% plus or minus.** The average are within 5%. Resistance values read approximately the same at any normal voltage—most important for resistance service work. No moisture can possibly penetrate, so age cannot change the resistance

value. Great mechanical strength eliminates any chance of accidental breakage. Carefully calibrated resistance material is forced under tons of pressure through double dies in conjunction with a paste-like ceramic. This is baked for hours in huge ovens, and then fired at over 2500°F. After this procedure, no ordinary service or overload temperatures can damage the resistor.

Resistance Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
200	E4250	E4300	E4450
400	E4251	E4301	E4451
500	E4252	E4302	E4452
600	E4253	E4303	E4453
700	E4254	E4304	E4454
800	E4255	E4305	E4455
1000	E4256	E4306	E4456
1250	E4257	E4307	E4457
1500	E4258	E4308	E4458
2000	E4259	E4309	E4459
2500	E4260	E4310	E4460
3000	E4261	E4311	E4461
3500	E4262	E4312	E4462
4000	E4263	E4313	E4463
5000	E4264	E4314	E4464
6000	E4265	E4315	E4465
7000	E4266	E4316	E4466
7500	E4267	E4317	E4467
8000	E4268	E4318	E4468
10000	E4269	E4319	E4469
12500	E4270	E4320	E4470
15000	E4271	E4321	E4471
17500	E4272	E4322	E4472
20000	E4273	E4323	E4473
25000	E4274	E4324	E4474

Resistance Ohms	1/4-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
30000	E4275	E4325	E4475
40000	E4276	E4326	E4476
50000	E4277	E4327	E4477
60000	E4278	E4328	E4478
70000	E4279	E4329	E4479
75000	E4280	E4330	E4480
100000	E4281	E4331	E4481
125000	E4282	E4332	E4482
150000	E4283	E4333	E4483
200000	E4284	E4334	E4484
250000	E4285	E4335	E4485
300000	E4286	E4336	E4486
500000	E4287	E4337	E4487
Megohms			
1	E4288	E4338	E4788
2	E4289	E4339	E4789
3	E4290	E4340	E4790
4	E4291	E4341	E4791
5	E4292	E4342	E4792
6	E4293	E4343	E4793
7	E4294	E4344	E4794
8	E4295	E4345	E4795
9	E4296	E4346	E4796
10	E4297	E4347	E4797

1/4-Watt Your Cost Each **8c**  
Per Dozen **88c**  
Per Hundred **\$7.10**

2-Watt Your Cost Each **14c**  
Per Dozen **\$1.65**  
50 For **\$7.75**

### 3-WATT CAPACITY

Stock No.	Res. Ohms	Stock No.	Res. Ohms
E4370	1000	E4375	7500
E4371	1500	E4376	10000
E4372	2000	E4377	12500
E4373	2500	E4378	15000
E4374	5000	E4379	20000

Stock No.	Res. Ohms	Stock No.	Res. Ohms
E4380	25000	E4385	100000
E4381	30000	E4386	150000
E4382	40000	E4387	250000
E4383	50000	E4388	500000
E4384	75000	E4389	1 Meg.

3-Watt Your Cost Each **18c** Per Dozen **\$1.80**  
25 For **\$3.55**

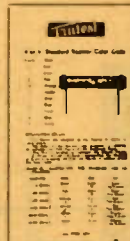
### Atwater Kent Resistor Service Strip



NOW for the first time you are able to secure resistors of the highest quality for all Atwater-Kent Replacements. Each and every resistor is of the same value as the original. Strip contains one each of the necessary resistances to service any Atwater-Kent model receiver. The following are A. K. color coded resistors: Yellow, Maroon, Gray, Blue and Red, Black, Purple, Purple Band, Black and Red, Green, Blue and Green, White, Yellow and Gray, Blue and Gray, Red and Yellow, Black and Purple, Red and Gray and Green and Red. Consists of the following resistors: 1-1/4 watt; 1-1 watt; 1-2 watt and 2-3 watt. Shipping weight 3 lbs. **E4441** Strip of Resistors. Your Cost **\$1.95**

Free

We furnish Free with each purchase of three or more, Trutest Resistors a serviceable Pocket Size Chart for instantly determining the resistance value of any R. M. A. Coded Resistor regardless of make.







## Handy Resistance Strips

With R. M. A. Color Coded Resistors

These strips are just the thing for shop or tool kit. They consist of a selection of TRUTEST R. M. A. Color Coded Resistors, neatly mounted on a durable strip, with hole at one end for hanging on a nail or hook. Value in ohms printed on strip under each resistor. By replacing them from our regular TruTest stock as they are used, you are equipped with a complete range of resistances at all times. R. M. A. COLOR CODE CHART SENT WITH EACH STRIP.



### Two Strips [20 Resistors]

One each of the following resistances (20 in all) 200, 400, 500, 600, 700, 800, 1250, 1500, 2000, 2500, 3000, 3500, 4000, 5000, 6000, 7500, 8000, 10000, 12500 and 15000 ohms.

**E4435 Your Cost \$1.50**

One each of the following resistances (20 in all), 17500, 20000, 25000, 30000, 40000, 50000, 60000, 70000, 75000, 100000, 125000, 150000, 200000, 250000, 300000, 300000, 500000, 1 Meg. 1 1/2 Meg. 2 Meg. 2 1/2 Meg.

**E4436 Your Cost \$1.50**

### 1-Watt Two Strips [20 Resistors]

One each of the following resistances (20 in all), 200, 400, 500, 600, 800, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000, 12500, 15000, 17500, 20000, 25000, 25000 ohms.

**E4430 Your Cost Each \$1.50**

One each of the following resistances (20 in all), 30000, 40000, 50000, 60000, 75000, 100000, 125000, 250000, 500000, 750000, 1000000 ohms; 1, 1.5, 2, 3, 4, 5, 6, 7, 8 and 10 Meg.

**E4431 Your Cost Each \$1.50**

### 2-Watt Two Strips [12 Resistors]

One each of the following resistances (12 in all), 200, 500, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000 ohms.

**E4443 Your Cost \$1.95**

One each of the following resistances (12 in all), 15000, 20000, 25000, 30000, 40000, 50000, 60000, 75000, 100000, 125000, 250000, 500000 ohms.

**E4444 Your Cost \$1.95**

### Precision Resistors Guaranteed Accuracy

1% TYPE "D" 1/2-WATT

Maximum length 3/4". Maximum diameter 3/8". Length of leads, 3".

Leads No. 18 tinned copper wire.

### TYPE "F" 1 WATT

Maximum length 3/4". Maximum diameter 3/8". Furnished with No. 18 tinned copper leads, 3" long.

The most NOISELESS, ACCURATE and DEPENDABLE unit on the market for the price. Especially recommended for Television Amplifiers, Voltmeters, Multipliers, Meter Shunts, Photo Cell Circuits, Sound Head Amplifiers, Taper "T" and "H" Pads, Attenuators, Decade Boxes and Bridge Assembly. GUARANTEED ACCURACY, 1%. Have hole to clear 6/32 screw.

### TYPE "D"—1/2-Watt

Res. Ohms	Stock No.	Your Cost
50	E4566	\$0.41
100	E4567	.41
200	E4568	.41
300	E4569	.41
400	E4570	.41
500	E4571	.41
600	E4572	.41
700	E4573	.41
800	E4574	.41
900	E4575	.41
1000	E4576	.41
2000	E4577	.47
3000	E4578	.47
4000	E4579	.47
5000	E4580	.49
8000	E4581	.53
10000	E4582	.53
20000	E4583	.56
30000	E4584	.56
40000	E4585	.56
50000	E4586	.63
60000	E4587	.63
70000	E4588	.63
80000	E4589	.70
90000	E4590	.70
100000	E4591	.70
150000	E4592	.83
250000	E4593	.94
500000	E4594	1.00

### TYPE "F"—1-Watt

Res. Ohms	Stock No.	Your Cost
50	E4601	\$0.60
100	E4602	.45
200	E4603	.45
300	E4604	.45
400	E4605	.45
500	E4606	.45
600	E4607	.45
700	E4608	.45
800	E4609	.45
900	E4610	.45
1000	E4611	.45
2000	E4612	.52
3000	E4613	.52
4000	E4614	.52
5000	E4615	.60
8000	E4616	.60
10000	E4617	.68
20000	E4618	.68
30000	E4619	.68
40000	E4620	.79
50000	E4621	.79
60000	E4622	.79
70000	E4623	.79
80000	E4624	1.00
90000	E4625	1.00
100000	E4626	1.00
150000	E4627	1.00
250000	E4628	1.17
500000	E4629	1.35

## Precision Guaranteed Resistors

### Guaranteed Accuracy 1% Rating One Watt

We offer here a line of Precision Type Resistors made by Precision Resistor Co., and which we recommend unconditionally to our customers. They are wound with the very best grade of alloy wire, every spool of which is thoroughly checked for insulation breakdown, diameter and temperature coefficient before entering production. To our knowledge they are the ONLY RESISTORS MADE IN WHICH DOUBLE INSULATED WIRE IS USED.



Type "A"

Tolerance 1%. Maximum length 2 1/4", maximum diameter 3/8". Fitted with Standard Universal Cap which permits use either for fuse clip or grid leak mounting. The screw ends can be used for temporary circuits.

Stock No.	Res. Ohms	Milli-amps	Stock No.	Res. Ohms	Milli-amps
E4500	1	1000	E4507	8	353
E4501	2	707	E4508	9	333
E4502	3	577	E4509	10	316
E4503	4	500	E4510	15	290
E4504	5	488	E4511	20	236
E4505	6	407	E4512	25	200
E4506	7	377			

**Your Cost Each \$0.77**

Stock No.	Res. Ohms	Milli-amps	Stock No.	Res. Ohms	Milli-amps
E4513	50	145	E4519	500	45
E4514	100	100	E4520	750	39
E4515	150	81	E4521	1000	72
E4516	200	72	E4522	2000	23
E4517	300	58	E4523	2500	20
E4518	400	50	E4524	3000	18

**Your Cost Each \$0.63**

Stock No.	Res. Ohms	Milli-amps	Stock No.	Res. Ohms	Milli-amps
E4525	4000	16	E4529	10000	10
E4526	5000	14	E4530	12500	9
E4527	6000	13	E4531	15000	7
E4528	8000	11	E4532	20000	

**Your Cost Each \$0.74**

Stock No.	Res. Ohms	Milli-amps	Stock No.	Res. Ohms	Milli-amps
E4533	25000	6.3	E4536	40000	5
E4534	30000	5.8	E4537	45000	4.5
E4535	35000	5.3	E4538	50000	

**Your Cost Each \$0.78**

Stock No.	Res. Ohms	Milli-amps	Stock No.	Res. Ohms	Milli-amps
E4539	60000	4.1	E4540	70000	3.8
E4541	75000	3.6	E4544	100000	3.15
E4542	80000	3.5	E4545	125000	2.8
E4543	90000	3.2	E4546	150000	2.58

**Your Cost Each \$1.07**

Stock No.	Res. Ohms	Milli-amps	Stock No.	Res. Ohms	Milli-amps
E4547	175000	2.46	E4549	225000	2.11
E4548	200000	2.23	E4550	250000	2

**Your Cost Each \$1.31**

Stock No.	Res. Ohms	Milli-amps	Stock No.	Res. Ohms	Milli-amps
E4551	300000	1.83	E4553	500000	1.45
E4552	400000	1.58			

**Your Cost Each \$1.52**

**Your Cost Each \$1.80**

**Your Cost Each \$2.59**



10 WATT



5 WATT

### Guaranteed Accuracy 2%

Here is a line of resistors designed to meet the demand for a reasonably priced and compact high resistance unit recommended for use in MIDGET, AEROPLANE, AUTOMOBILE and other receivers where space and price plus quality are important. Terminals are of No. 18 tinned copper wire securely embedded in 3 coat Baked Insulating Enamel. We believe that these high grade resistors with their very narrow tolerance represents one of the most amazing values ever offered the Radio Man. Maximum dimensions: 5 watt 3/8" dia., 1 1/2" long; 10 watt 1/2" dia., 2" long. Specify size when ordering.

Resistance Ohms

Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
25	E4650	E4725
50	E4651	E4726
75	E4652	E4727
100	E4653	E4728
150	E4654	E4729
200	E4655	E4730
250	E4656	E4731
300	E4657	E4732
350	E4658	E4733
400	E4659	E4734
500	E4660	E4735
650	E4661	E4736
700	E4662	E4737
750	E4663	E4738
800	E4664	E4739
1000	E4665	E4740
1100	E4666	E4741
1200	E4667	E4742
1250	E4668	E4743
1500	E4669	E4744
1750	E4670	E4745
1850	E4671	E4746
2000	E4672	E4747
2250	E4673	E4748
2400	E4674	E4749
2500	E4675	E4750
2750	E4676	E4751
3000	E4677	E4752
3250	E4678	E4753
3500	E4679	E4754
3750	E4680	E4755
4000	E4681	E4756

**Your Cost Each \$23**

**Your Cost Each \$30**

Resistance Ohms

Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
4250	E4682	E4757
4500	E4683	E4758
4750	E4684	E4759
5000	E4685	E4760
5500	E4686	E4761
6000	E4687	E4762
6500	E4688	E4763
7000	E4689	E4764
7500	E4690	E4765
8000	E4691	E4766
8400	E4692	E4767
10000	E4693	E4768
12500	E4694	E4769
15000	E4695	E4770
17500	E4696	E4771
18500	E4697	E4772
20000	E4698	E4773

**Your Cost Each \$26**

**Your Cost Each \$34**

Resistance Ohms

Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
35000	E4699	E4774
40000	E4700	E4775
45000	E4701	E4776
50000	E4702	E4777

**Your Cost Each \$29**

**Your Cost Each \$37**

Resistance Ohms

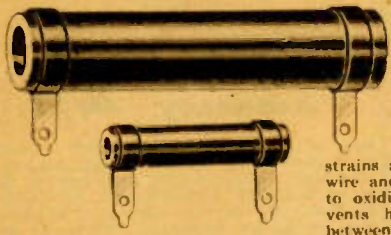
Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
75000	E4778	E4779
100000	E4779	E4780

**Your Cost Each \$45**

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

# Trutest Vitreous Enamel RESISTORS

## Trutest Vitreous-Enameled Fixed Resistors

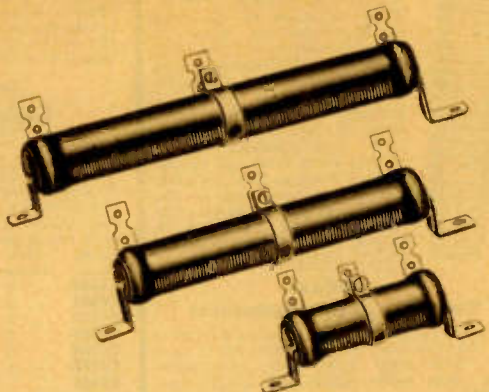


The very finest Vitreous Enameled Resistors that can be used in practically any circuit, amplifier or radio receiver. Many are the outstanding mechanical and electrical advantages: low coefficient of expansion eliminates strains at junction of resistance wire and lugs. High resistance to oxidation under firing prevents high resistance contacts between resistance wire and lugs.

Vitreous enamel insulation. Capable of withstanding high temperature. Non-porous - does not absorb moisture. Rapid heat dissipation - positive lug contact - long life and permanent resistance value. TRUTEST VITREOUS ENAMELED RESISTORS are equipped with Monel Metal Contact Lugs which do not crystallize or lose their strength under firing. By replacing with TRUTEST RESISTORS, you are assured of long and satisfactory service. These Resistors are of the highest quality obtainable and cost no more than a cheaper grade. They are conservatively rated and will withstand unusual voltage abuses. Each resistor is individually marked.

5/8x1 1/2" Isolantite Tube 10 Watt Rating				1/2x2" Isolantite Tube, 20 Watt Rating				Your Cost Each
Stock No.	Ohms	Milli-amps.	Volts	Stock No.	Ohms	Milli-amps.	Volts	
E4850	1	3150	3	E4908	5	2000	10	\$0.21
E4851	2	2200	4.5	E4909	10	1415	14	
E4852	3	1800	5.5	E4910	25	895	22	
E4853	4	1600	6.5	E4911	50	633	32	
E4854	5	1400	7	E4912	75	517	38	
E4855	7.5	1150	8.5	E4913	100	447	44	
E4856	10	1000	10	E4914	150	375	57	
E4857	12	900	11	E4915	200	316	63	
E4858	15	800	12	E4916	250	282	70	
E4859	20	700	14	E4917	300	258	77	
								\$0.25
E4860	25	630	16	E4918	350	238	83	
E4861	30	570	17	E4919	400	221	90	
E4862	35	530	19	E4920	500	200	100	
E4863	40	500	20	E4921	650	176	114	
E4864	50	450	22	E4922	700	169	118	
E4865	75	360	27	E4923	750	163	122	
E4866	100	315	31	E4924	800	158	126	
E4867	125	280	35	E4925	850	153	130	
E4868	150	260	39	E4926	1000	141	141	
E4869	200	220	45	E4927	1100	135	148	
								\$0.32
E4870	250	200	50	E4928	1200	129	155	
E4871	300	180	55	E4929	1250	126	157	
E4872	400	158	63	E4930	1500	115	173	
E4873	500	141	70	E4931	1750	107	187	
E4874	600	130	77	E4932	1850	104	193	
E4875	750	115	85	E4933	2000	100	200	
E4876	1000	100	100	E4934	2250	94	211	
E4877	1200	91	111	E4935	2400	91	218	
E4878	1500	81	122	E4936	2500	89	222	
E4879	2000	70	141	E4937	2750	85	235	
								\$0.38
E4880	2500	63	158	E4938	3000	81	240	
E4881	3000	56	173	E4939	3500	75	262	
E4882	4000	50	200	E4940	4000	71	284	
E4883	5000	45	222	E4941	4500	66	287	
E4884	6000	41	245	E4942	5000	63	315	
E4885	7500	36	274	E4943	6000	57	342	
E4886	10000	31	316	E4944	7000	53	372	
E4887	12000	29	350	E4945	7500	51	383	
E4888	15000	26	388	E4946	8000	50	400	
E4889	20000	22	440	E4947	10000	44	410	
E4890	25000	20	500	E4948	12500	40	500	
								\$0.40
E4955	10	2230	22	E4972	7000	84	590	
E4956	20	1581	36	E4973	7500	81	610	
E4957	50	1000	50	E4974	8000	79	630	
E4958	100	707	70	E4975	9000	74	670	
E4959	250	447	111	E4976	10000	70	700	
E4960	500	316	157	E4977	12000	65	780	
E4961	700	267	185	E4978	12500	63	790	
E4962	750	258	192	E4979	15000	57	850	
E4963	1000	223	200	E4980	17500	53	940	
								\$0.48
E4964	1500	182	275	E4981	20000	50	1000	
E4965	2000	158	315	E4982	25000	44	1100	
E4966	2250	149	330	E4983	30000	41	1200	
E4967	2500	141	350	E4984	40000	35	1400	
E4968	3000	129	375	E4985	50000	31	1500	
E4969	4000	111	450	E4986	60000	29	1750	
E4970	5000	100	500	E4987	75000	26	1950	
E4971	6000	91	540	E4988	100000	22	2200	

## Trutest—Semi-Variable Resistors—Vitreous Enameled Replacement Voltage Dividers for all Circuits



Trutest—Semi-Variable Resistors are the most practical replacement voltage dividers ever made. They are protected from mechanical and electrical injury through the use of Vitreous Enamel over four-fifths of the surface. Easily carried in tool kit without fear of breakage if ordinary care is taken. They permit installation in practically any circuit or receiver as the adjustable lugs may be set to the proper place without complicated meter readings. Just set the lugs to the desired points and you immediately have a made-to-order voltage divider. The adjustable lugs have small contact buttons so that several taps may be used without "shorting out" much resistance. Trutest Resistors are wound over an Isolantite porcelain tube which supports the wire and resists the pressure of the contact button, thus freeing the winding from any strain. The wire is held firmly in place by the Vitreous Enamel which not only insulates each turn but also provides a ready path for the dissipation of the generated heat. Vitreous Enamel is one of the best conductors of heat and permits using the units to the full limit of their ratings. Mounting brackets furnished with each unit. Each unit is equipped with one sliding contact.

25 Watts (2" Long x 5/8" o. d.)				50 Watts (4" Long x 5/8" o. d.)			
Stock No.	Resist. Ohms	Max. Current in M. A.	List Price	Stock No.	Resist. Ohms	Max. Current in M. A.	List Price
X20740	1	5000	\$0.85	X20770	100	700	\$1.30
X20741	2	3500	.85	X20771	200	500	1.30
X20742	3	2800	.85	X20772	300	406	1.30
X20743	5	2225	.85	X20773	400	353	1.30
X20744	10	1500	.85	X20774	500	316	1.30
X20745	20	1100	.85	X20775	800	252	1.30
X20746	50	700	.85	X20776	1000	224	1.30
X20747	100	500	.85	X20777	1500	182	1.30
X20748	200	353	.85	X20778	2000	158	1.30
X20749	300	289	.85	X20779	2500	141	1.30
X20750	500	224	.85	X20780	3000	129	1.30
X20751	750	182	.85	X20781	4000	112	1.30
X20752	800	177	.85	X20782	5000	100	1.30
X20753	1000	158	.85	X20783	6000	91	1.45
X20754	1500	129	.85	X20784	7000	84	1.45
X20755	2000	112	.85	X20785	8000	79	1.45
X20756	2250	105	.85	X20786	9000	74	1.60
X20757	2500	100	.85	X20787	10000	71	1.60
X20758	3000	91	.85	X20788	12000	65	1.60
X20759	4000	79	.85	X20789	15000	58	1.75
X20760	5000	71	.85	X20790	20000	50	1.80
X20761	6000	64	.85	X20791	25000	45	1.80
X20762	7000	60	.85	X20792	30000	41	1.85
X20763	8000	56	.85	X20793	40000	35	1.90
X20764	9000	52	.85	X20794	50000	32	1.95
X20765	10000	50	.85				

### 6" Long x 5/8" O. D. - 75 Watts

Stock No.	Resist. Ohms	Max. Current in M. A.	List Price	Stock No.	Resist. Ohms	Max. Current in M. A.	List Price
X20800	100	865	\$1.75	X20817	15000	71	2.30
X20801	200	610	1.75	X20818	20000	61	2.30
X20802	300	500	1.75	X20819	25000	55	2.45
X20803	400	432	1.75	X20820	30000	50	2.50
X20804	500	387	1.75	X20821	40000	43	2.55
X20805	750	316	1.75	X20822	50000	39	2.60
X20806	1000	274	1.75				
X20807	1500	224	1.75				
X20808	2000	194	1.75				
X20809	2500	173	1.75				
X20810	3000	158	1.75				
X20811	4000	137	1.75				
X20812	5000	122	1.75				
X20813	6000	112	1.75				
X20814	7000	103	1.85				
X20815	7500	100	1.90				
X20816	10000	87	2.10				

### Extra Sliders

As the above semi-variable resistors are supplied only with one slider, it will be necessary to use the same number of sliders or taps as on the divider or resistance being replaced.

X20825 Your Cost Each **5<sup>c</sup>**

# Voltage Dividers and Miscellaneous Items

## Replacement Voltage Dividers

For Victor Models R-32, RE-45, R-52, RE-75



The genuine Victor Replacement Voltage Divider. Total resistance, 4325 ohms, tapped at 2000, 1350, 200, and 775 ohms.  
X20632 - Your Cost Each **65¢**

## Yaxley 20 Ohm C. T. Resistor



These resistors are made of the highest grade wire, are accurate, and are space wound on fibre, with eyeletted soldering lugs. Tapped with soldering lug at the electrical center. Can be used as hum control, and for other general purposes.  
F6300 - Your Cost Each **6¢**  
In Lots of Ten, 50c

## Phono-Radio Switch

4 pole double throw anti-capacity switch. Genuine RCA-Victor replacement. An ideal switch for public address systems, etc. Shpg. wt. 1 lb.  
F6293 - Your Cost **85¢**



## Trutest Ohm Indicator



from zero to 100000 ohms. Securely mounted on a bakelite panel, equipped with test clips and test prod. The test clips are to be connected in place of the defective resistor, the test prod. for determining the exact resistance, starting from 100000 ohms. Shpg. wt. 2 lbs.  
E4997 - Your Cost **\$1.30**

## Trutest De Luxe Ohm Indicator

Enclosed in metal box, equipped with slider instead of test prod. Range from 0 to 100000. The slider makes positive contact to the resistance and cannot burn out. Shpg. wt. 4 lbs.  
E4998 - Your Cost **\$2.25**

## Trutest Universal Vitreous Enamel Voltage Dividers



This voltage divider is truly a universal unit. With a stock of these on hand the service man is in a position to repair ninety per cent of the receivers giving voltage divider trouble. One of the principal features of this divider is that no meters or testing equipment is necessary to install these units, as the resistance scale is divided into four equal sections on the resistor, and by means of the sliding contacts, they are able to adjust to the proper ohmage quickly and accurately. They can be used in any electric set, "B" eliminator, amplifier, etc.  
Equipped with 4 Variable Taps 50 watts - 3/4" x 4" long. Equipped with 5 Variable Taps 75 watts - 3/4" x 6" long.

Model	Resistance	Stock No.	Your Cost
X20728	13000 ohms	50.85	X20732 25000 ohms 50.95
X20729	15000 ohms	.85	X20733 36000 ohms 1.00
X20730	18000 ohms	.85	X20734 41000 ohms 1.00
X20731	25000 ohms	.85	X20735 45000 ohms 1.00

Can be used in 90% of Receivers

## Genuine RCA-Radiola Voltage Dividers



These voltage dividers are the genuine RCA-Radiola official replacements. They are all brand new and fully guaranteed. The models listed below are the same as used for Brunswick, Graybar and Victor of the corresponding chassis.

Model	Resistance	Stock No.	Your Cost
17, 50	1690-205-2140-3750-410	X20444	50.35
18, 33, 51	1600-1900-440	X20445	.50
30	4920 (Resistor No. 4)	X20705	.95
30	620-3380 (Resistors Nos. 2 and 3)	X20706	.95
30	2600-1400 (Resistor No. 1)	X20707	.95
30-A	3000-2000-300-500-900	X20559	.70
30-A	300 ohms	X20716	.25
32	4920 (Resistors Nos. 2 and 3)	X20705	.95
32	438-286-1590-1700	X20708	.95
41 (Receptor)	12300-8000-5000	X20560	.80
41 (Sterling)	17400-8600	X20561	.80
41 (Sterling)	4200-380-1420	X20562	.70
44	2800-900-3600-1100	X20563	.70
44	500-0-1460-540-0-80	X20564	.70
46, 47	2800-900-3600-1100	X20563	.70
46, 47	1460-540-0-80	X20565	.70
-12 and 48	3200-830-120-715	X20639	.60
60, 62	400-350-350-190 (Bias)	X20446	.45
60, 62	2250 (Plate Resistor)	X20447	.40
64	1280-4000-300-2200	X20566	.95
64	1500-1000-250-130-160	X20567	1.00
64, 67	310-3850-310 (Bias)	X20568	.80
66	375-90 (Bias)	X20513	.50
66	4800 ohms (Plate)	X20514	.70
67	2400-960-240-115-215-100	X20569	.95
67	1435-3400-300-2200	X20570	1.10
104 Loudspeaker	4920 (Resistor No. 4)	X20705	.95
104 Loudspeaker	620-3380 (Resistors Nos. 2 and 3)	X20706	.95
104 Loudspeaker	2600-1400 (Resistor No. 1)	X20707	.95
105 Loudspeaker	1325-65-140-1446 (No. 1)	X20571	1.25
105 Loudspeaker	1050-1300-1325 (No. 2)	X20572	1.25
105 Loudspeaker	4000 ohms (Nos. 3 and 4)	X20573	1.10
Duo-Reectron Amplifier	1050-6000-2950-3000	X20713	1.50
Uni-Reectron Amplifier	4920 (Resistor No. 2)	X20705	.95
Uni-Reectron Amplifier	650-100-275 (Resistor No. 1)	X20714	.75
Uni-Reectron Amplifier	2450 (Resistor No. 3)	X20715	.60

In dozen lots deduct 5% from above prices.

## New! Na-Ald Small 7 Prong Analyzer Plug and Associate Adapters 907WLA



Small base 7 prong plug to fit the latest type tube sockets, such as 2A7, 6B7, 6A7 and other new types to be announced. The 59 type tube was the only type of 7 prong with the large socket and present analyzer plugs will not accommodate the newer type of 7 prong small sockets. Bring your analyzer up to date by installing this complete kit of analyzer plug with associate adapters. Shpg. wt. 1 lb.

K11611-907WLA Analyzer Plug less cable. List \$3.50 **\$2.06**  
Your Cost

Small 7 hole top to 6 prong socket. K11612 - List \$1.25 **73¢**  
Your Cost

Small 7 hole top to 5 prong socket. K11613 - List \$1.25 **73¢**  
Your Cost

Small 7 hole top to 4 prong socket. K11614 - List \$1.25 **73¢**  
Your Cost

A complete line of Na-ald Analyzer Plugs, Adapters and Sockets carried in stock. Send us your requirements.

## Na-Ald 7 Prong Socket Small and Large Base Tubes



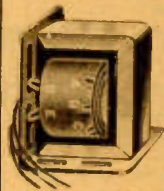
This socket receives all 7 prong tubes and may be used in set analyzers for modernizing or in tube checkers where it will test all the 7 prong tubes, both large and small base. No. 477.

K11634 - List 50c **29¢**  
Your Cost Each

The No. 457 socket is used to test the 47 and 59 tubes. These being UY and 7 prong power pentodes. Eight contacts are provided, the cathode of the 7 prong section being independent from the S. G. of the UY pentode portion with other contacts common.

K11635 - List 50c **29¢**  
Your Cost

## Kenyon Universal Output Transformer



The average dynamic speaker voice-coil has an impedance of 8 ohms, measured under standard conditions. However, there is a wide variation on both sides of this value in

speakers of different manufacturers. Using the chart supplied with this transformer, if the voice coil impedance is known, the best possible match between speaker and tubes can be obtained. Matches all the new type tubes, single or in push-pull, and can be matched to accentuate the low or high notes. Complete instructions furnished. Shpg. wt. 3 lbs.

C2124 - List \$1.85 **\$1.09**  
Your Cost

## Ward Studio Microphone



A genuine single button studio microphone that looks and reproduces like the big professional microphones. Absolutely snook-proof. Equipped with switch that turns the microphone on or off, no need to hold your finger on a button while talking. Chrome nickel plated, has 15 foot cord. Clear broadcast at all times. Attaches to any type or make of radio receiver. Full instructions enclosed with each microphone. Shpg. wt. 2 lb.  
M13375 - Your Cost **89¢**

## Radio Amateur's Handbook

This very informative book published by the American Radio Relay League contains all the information any one needs for the successful practice of Amateur Radio Communication. It explains every step in the construction of your first Transmitter and Receiver and tells you how to secure your License. Covers every phase of Amateur Radio. Profusely illustrated. This is the latest edition.  
Y19949 - Your Cost **\$1.00**



HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It.

# FROST

## No. 40 Series Composition Element

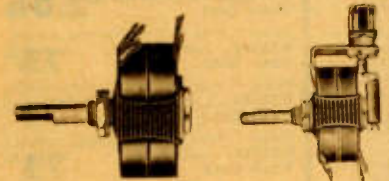


These controls are particularly suited for use in circuits requiring very critical curve and where there can be no material short circuiting, that is, detrimental lowering of the resistance between end terminals. The high insulation provided between shaft and live parts allows use of this control in circuit positions where the potential to ground may be several hundred volts. A positive wiping action between the resistance element and the disc.

Stock No.	Ohms	Stock No.	Ohms
G8330	1,000	G8335	25,000
G8331	2,000	G8336	50,000
G8332	3,000	G8337	75,000
G8333	5,000	G8338	100,000
G8334	10,000	G8339	250,000
		G8340	500,000

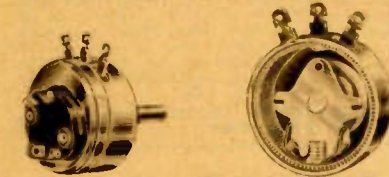
Your Cost, Each **50¢**

## No. 40 Series Dual Potentiometers



Stock No.	Size and Description	Your Cost
G8350	10,000 ohm Antenna Taper - 50,000 ohm Screen Grid Taper with 1" shaft	\$1.25
G8351	Same as above, with 2" shaft	1.25
G8352	10,000 ohm Antenna Taper 1,000 ohm Var. Mu Bias, with 1" shaft.	1.25
G8353	10,000 ohm Antenna Taper 25,000 ohm Screen Grid Taper, with 1" shaft	1.25
G8354	10,000 ohm Antenna Taper 25,000 ohm Screen Grid Taper, with switch and 1" shaft	1.45
G8355	10,000-50,000 ohm Pot. with switch	1.45
G8356	10,000-2,000 ohm Pot. with switch	1.25

## No. 20 Series Wire Wound Volume and Tone Controls



No. 20 Series      No. 20 Series With Built-in Switch

Developed to provide rugged, double wiping contact volume controls that would reduce the possibility of noise to a minimum and provide the longest possible life. Completely enclosing the unit in a tightly covered metal shell prevents the entry of dust and foreign particles which might cause scoring should they reach the raceway.

Without Switch		With Switch	
Stock No.	Ohms	Stock No.	Ohms
G8360	200	G8370	25000
G8361	400	G8371	50000
G8362	1000	G8372	75000
G8363	2000	G8373	100000
G8364	3000	G8374	250000
G8365	5000	G8375	500000
G8366	10000		

Without Switch Your Cost **50¢**      With Switch Your Cost **70¢**

## Replacement Volume Controls for Stromberg-Carlson



All these controls are genuine Frost, made for replacement in Stromberg-Carlson receivers.

Models 635 and 636	
Front control, No. P-17961	<b>70¢</b>
G8322 Your Cost	<b>65¢</b>
Rear control, No. P-21688	<b>50¢</b>
G8323 Your Cost	<b>75¢</b>
Models 641, 642, 652, 654	
Front control, No. P-18598	<b>55¢</b>
G8325 Your Cost	<b>75¢</b>
Rear control, No. P-18599	<b>70¢</b>
G8324 Your Cost	<b>75¢</b>
Models 846 and 848	
Front control, No. P-18930	<b>70¢</b>
G8326 Your Cost	<b>75¢</b>
Rear control, No. P-18599	<b>70¢</b>
G8324 Your Cost	<b>75¢</b>
Model 638	
Front control, No. P-18422	<b>70¢</b>
G8328 Your Cost	<b>75¢</b>
Rear control, No. P-18421	<b>70¢</b>
G8327 Your Cost	<b>75¢</b>

## Original Zenith Volume Controls



The original Dual Volume Control used in Zenith Receivers. Dual type with A. C. switch used in Models 52, 53, 522, 532, 54, 542, 55, 57, 60, 61, 62, 64, 67, 602, 613, 622, 642, 672, 71, 72, 73, 77, 712, 722, 732, 777. Zenith Part No. 63-122.

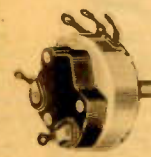
4G8320	<b>\$1.48</b>
Your Cost, Each	
Single Unit, with switch, used in Models 52, 53, 522, 532, 54, 542, 55, 57, 62, 64, 67, 60 and 61; early models of 602, 613, 622, 642, 672.	
Zenith Part No. 63-93.	<b>\$1.23</b>
G8321 Your Cost	<b>80¢</b>
Single Unit 33, 34, 35, 35A, 342, 352, 352A, 362, 35APX, 11, 12, 14, 15, 16, 17, 31, 32, 333, 353A.	
G8341 Your Cost, Each	<b>\$1.25</b>
Single Unit with Switch 39, 39A, 40A, 392, 392A.	
G8342 Your Cost, Each	

## Replacement Volume Control

For Victor R-32, R-52, RE-45, RE-75	<b>95¢</b>
A greatly improved unit made by Frost, designed electrically for the above Victor receivers. No changes necessary to install this control. Smooth and noiseless in operation. Wire wound. Shipping weight 1 lb.	
G8290 Your Cost	



## No. 70 Series Volume Controls



Composition element bakelite case with metal dustproof back cover, furnished either with or without "built-in" switch. This series has the full wiping contact between the movable member and the hard smooth composition resistance element. Size 1 1/2" in diameter, 1 1/4" in depth, 1" shaft length, 1/4" in diameter.

Without Switch		With Switch	
Stock No.	Ohms	Stock No.	Ohms
G8299	1000	G8296	25000
G8300	2000	G8308	50000
G8298	3000	G8295	75000
G8301	5000	G8309	100000
G8302	10000		
G8303	25000		
G8304	50000		
G8305	75000		

# VOLUME CONTROLS

## No. 80 Series Composition Element Volume and Tone Controls



Combining the latest and highest development in control engineering. Designed with a view of satisfying the most critical and sensitive-circuit requirements. It is constructed with a moulded bakelite housing. Full wiping contact.

Without Switch		With Switch	
Stock No.	Ohms	Controls No.	Stock No.
G8400	1000	Untuned Antenna	G8420
G8401	2000	Cathode Bias	G8421
G8402	3000	R. F. Primary Shunt	G8422
G8403	5000	Antenna Shunt	G8423
G8404	10000	Antenna or R. F. Primary Shunt	G8424
G8405	25000	Phonograph Pick-up Screen Voltage	G8425
G8406	50000	Screen Voltage	G8426
G8407	75000	Variable-Mu Cathode Bias	G8427
G8408	100000	R. F. Plate Voltage	G8428
G8409	250000	Audio Transformer Shunt	G8429
G8410	500000	Audio Transformer Shunt Tone Control	G8430

Without Switch Your Cost **60¢**      With Switch Your Cost **80¢**

## No. 2890 Series Composition Element Type (Bakelite Case and Cover-Shaft Not Insulated)



Entire shell and back cover are of genuine bakelite which prevents capacitance and inductance. Available with most critical resistance gradients and will carry a maximum amount of current. Is of the time-tried and proven rocker arm-roller contact assembly, utilizing our latest improved resistance element.

### This is the Frost Control with Interchangeable Shaft

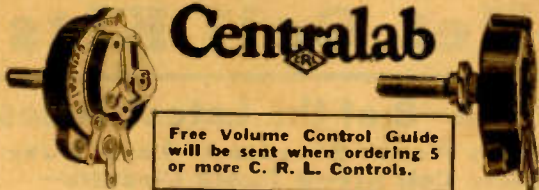
These Frost controls have interchangeable shafts and the standard resistance can be used in sets similar to Stromberg-Carlson and Zenith, which were designed with a special shaft that can be taken from the old control and be replaced in the new. We continue to guarantee Frost resistance curves and housings to be within commercial standards of electrical and mechanical accuracy.

Without Switch		With Switch	
Stock No.	Ohms	Stock No.	Ohms
G8370	5000	G8389	25000
G8380	10000	G8390	50000
G8381	15000	G8391	75000
G8382	25000	G8392	100000
G8383	50000	G8393	250000
G8384	75000	G8394	500000
G8385	100000	G8395	1000000
G8386	250000	G8396	5000000
G8387	500000	G8397	

Without Switch Your Cost **60¢**      With Switch Your Cost **80¢**

G8306	100000	R. F. Plate Voltage	G8314
G8297	250000	Audio Transformer Shunt	G8294
G8307	500000	Audio Transformer Shunt Tone Control	G8315

Without Switch Your Cost **45¢**      With Switch Your Cost **65¢**



Free Volume Control Guide will be sent when ordering 5 or more C. R. L. Controls.

With Switch **59¢** Brand New Controls Only **44¢** Without Switch

Announcing a new line of Centralab Volume Controls to meet the demand for a quality volume control at a low price. The same high quality as used in all of Centralab's products and years of experience in the resistance field go into making these controls the finest offered at this price, or near it. This list covers the 10 most popular controls and are guaranteed to give lasting satisfaction. Centralab replacement controls can be used on any set regardless of the make or type control originally used.

It is not necessary and often not desirable to connect the replacement control in the same circuit location as the original. Where the original control was of the wire wound type so located as to carry considerable current better and smoother volume control will result by using Replacement Control No. H9002 shunted from Antenna to Ground. The connections to the old control should then be soldered and taped to provide maximum volume at all times, with the Antenna control adjusted for the necessary volume level.

### Elf Potentiometers Three Terminals

Can be used for Tone, Pick-up and Volume Controls. Shaft extends 1 1/2" from case, milled flat for set screw or push-on knobs. Bakelite case, 1 1/2 x 1/2" Bushing, 3/8"

Stock No.	With Switch	Without Switch	Resistance in Ohms	Circuit Location
H9020	H9000		1000	Antenna Shunt
H9021	H9001		2000	Antenna Shunt, "C" Bias
H9022	H9002		5000	Antenna Shunt
H9023	H9003		10000	Antenna Shunt, "C" Bias and Ant
H9024	H9004		25000	Antenna Shunt, "C" Bias and Ant
H9025	H9005		50000	Screen Voltage or Tone Control
H9026	H9006		75000	"C" Bias Control
H9027	H9007		100000	Screen Voltage or Tone Control
H9028	H9008		250000	Audio Shunt or Tone Control
H9029	H9009		500000	Audio Shunt or Tone Control
H9030	H9010		1 Megohm	Audio Shunt or Tone Control

Without A. C. Switch  
Your Cost Each **44¢**  
With A. C. Switch  
Your Cost Each **59¢**

## ELECTRAD Standard Replacement Volume Controls with the Snap-on-Switch

Free volume control guide: contains over 500 replacements, including a hundred of special controls. Send for it. It's free. Order by Electrad type number, 40% discount from list price shown in guide.

For use in all types of volume control circuits on all makes of radio receivers. Very sturdy construction. Extra long life. Unit enclosed in cadmium plated case with bakelite back.



### SNAP-ON-SWITCH ASSEMBLY

Converts any switchless type unit instantly into a switch type by simply snapping switch unit on back of control.

### TAPER INDICATED BY READINGS IN SECTIONS

Stock No.	Start	1/4	1/2	3/4	Finish
G7905	10	8	5	2.5	0
G7918	0	Uniform	Uniform	Uniform	1,000
G7909	0	Uniform	Uniform	Uniform	2,000
G7910	0	Uniform	Uniform	Uniform	3,000
G7919	0	Uniform	Uniform	Uniform	4,000
G7911	0	Uniform	Uniform	Uniform	5,000
G8083	0	300	1,200	2,500	5,000
G7912	0	20	2,000	9,000	10,000
G8091	12,000	5,000	1,000	200	0
G7902	0	100	2,000	10,000	15,000
G7913	0	800	2,000	15,000	30,000
G7906	0	Uniform	Uniform	Uniform	50,000
G7903	75,000	25,000	2,000	200	0
G7914	0	5,000	25,000	50,000	100,000
G7904	0	2,000	20,000	200,000	500,000
G7907	0	60,000	250,000	500,000	1 Meg.

All above controls except Stock No. G7905 are potentiometer type. Where rheostat is wanted use center and one outside terminal. Uniform controls in values to 5,000 ohms are wire wound. All have insulated shafts of 1 1/4 inches long, and will accommodate the snap-on-switch. List Price—\$1.00

Your Cost for Any of Above Controls, Each **60¢**  
Snap-on-Switch—List \$0.50  
G8095—Your Cost Each **29¢**

### Genuine Radiola Controls

RCA Model 16  
Part No. 5666, Filament Rheostat.  
F6775—Your Cost **35¢**

Models 44-46-47  
Part No. 6005, 2900 ohms  
Volume Control. Special  
slotted shaft.  
F6776—Your Cost **65¢**

Models 60 and 62  
Part No. 5811, 450 ohms, Volume Control.  
F6777—Your Cost **\$1.05**

Model 66  
Part No. 6027, 550 ohms, Volume Control.  
F6778—Your Cost **90¢**

Model 64  
Part No. 2334, 2,750 ohms, Sensitivity Control.  
F6779—Your Cost **\$1.05**

Part No. 2336, 1,250 ohms, Volume Control.  
F6780—Your Cost **60¢**

### Genuine Control for RCA-Victor Models R-50 and R-55

G. E. Models H-32, H-72; Graybar Model GB-100. The genuine replacement volume control, part No. 7260.  
F6786—Your Cost **49¢**

### Genuine Tone Control for Victor Model RE-73

The genuine Victor replacement part No. 10813. Tone control with mounting nuts. Shipping weight 8 oz.  
F6787—Your Cost **49¢**

### Clarostat

#### Replacement Volume Controls

FOR VICTOR MODELS  
R-32, RE-45,  
R-52, RE-75

Dual volume control, 3800-3800 ohms. Shipping weight 8 ozs. on any 1 control.

F7050—Your Cost **\$1.30**

#### ZENITH 50, 60, 70 SERIES

Dual volume control, used in late models of 50, and 60 Series, all of the 70 Series. Supplied with or without A. C. switch.

F7051—Without Switch. **\$1.10**  
Your Cost Each

F7052—With A. C. Switch. **\$1.60**  
Your Cost Each

#### RADIOLA Models 42, 48

#### VICTOR MODELS R-14, R-15

Made from the above receivers. No changes necessary to install this unit.  
F7053—Your Cost **\$1.30**

### G.E. Mazda Pilot Bulbs

Tubular shape, miniature base. For use as radio dial lamps, etc. Shipping weight 1 lb. per box of ten.

Stock No.	Voltage	Each	For 10
L12250	2.5	\$0.08	\$0.62
L12251	3.2	.11	.83
L12252	6	.08	.62

### Victor-Mazda Pilot Lamp

Intermediary base, frosted. 110 volt Pilot Lamp designed for use in Victor and Colonial Receivers.

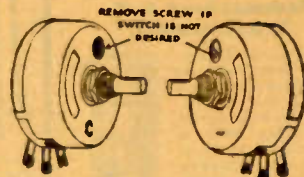
L12253—Your Cost Each **17¢**

Per Carton of 10 **\$1.49**

# YAXLEY

## New Replacement Volume Control Saves You the Cost of the Switch

RP Type replacement controls are now made on the "H" Type base. Single RP Type contains a Yaxley built-in A. C. switch. When the switch is not desired, you merely remove a screw which cuts out the A. C. switch. This feature makes Yaxley the most convenient and most flexible unit for service men. There are no extra parts to be assembled in this self-contained volume control. This new product is designed to fit different makes of receiving sets with a minimum amount of work on the part of the service man. 3/8" bushing, shaft length 2" from base of control.



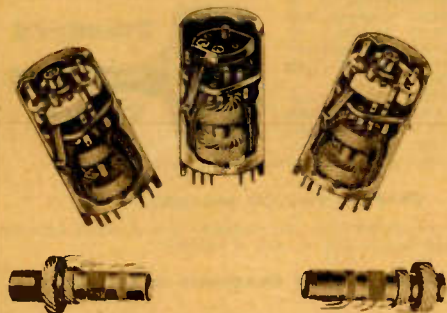
Stock No.	Description
F6565	10000 ohms with 300 ohm taper
F6566	20000 ohms
F6567	10000 ohms
F6568	3000 ohms with 25 ohm taper
F6569	2000 ohms with 25 ohm taper
F6570	6000 ohms with 50 ohm taper
F6571	5000 ohms with 25 ohm taper
F6572	800 ohms with 25 ohm taper
F6573	600 ohms
F6574	400 ohms
F6575	1500 ohms
F6576	1000 ohms

List Price—\$1.00  
Your Cost, Any Type **59¢**

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

# Trutest Super-Het Coil Kits

## DeLuxe All-Wave Superheterodyne—8 of the Latest Tubes



**Tunes—Short Wave—Broadcast—Long Wave  
—Complete Coil Kit—8 Tuned Circuits—  
15-550 Meters, 850-2000 Meters**

**Tubes Used: 2-58s, 1-55, 1-57, 1-56, 2-2A3, 1-83 Rectifier**

The most up-to-date superheterodyne coil kit ever offered for the radio set builder. It is complete in every detail. A compact kit of coils consisting of the following units: One special pre-selector, one special oscillator, two high-gain Litz wire wound, double tuned I. F. transformers, one high-gain Litz wire wound, single tuned, C. T., I. F. transformer, one special trimming condenser and five special padding condensers. The receiver utilizes a three-gang variable condenser, .00036 mfd., with special tracking section for oscillator. The pre-selector stage, made possible by using a three-gang condenser, functions on all wave lengths and gives the receiver knife-edge selectivity, without sideband cutting. Anyone with a fair knowledge of a radio

circuit can easily construct this receiver by following the instructions and full size blue print diagram furnished free with each kit, showing the resistance values and capacities of condensers, together with full data on the power pack, etc. A custom-built receiver, second to none, can be constructed by using this coil kit, together with the other necessary parts that makes up the entire set, which will be found in our catalog No. 54, Spring 1933. The latest type R. F. and A. F. pentodes are used to their fullest advantage in a circuit that represents months of laboratory research. The first and second I. F. units are double tuned, isolantite base, midget in size, fully shielded in a round aluminum can, 2 3/4 x 1 3/8" diam. The 3rd I. F. unit is single tuned, C. T., for the duplex Diode-Triode tube. All peaked at 175 K. C. The pre-selector and oscillator coils are of special construction on wooden spools, unshielded. Complete kit of all necessary coils, padding condensers, blue print diagram. Shpg. wt. 4 lbs. Less three-gang condenser.

**\$5.95**

**H10032 Your Cost**

Complete kit as above, except has Trutest 3-gang variable condenser, with special tracking section. Shpg. wt. 7 lbs.

**\$7.90**

**H10033 Your Cost, Special**

Diagram only—Your Cost

35c

### Composite Oscillator Detector-I. F. 175 K. C.



High gain composite coil used as the first detector, oscillator and first I. F. transformer, eliminates the use of one tube with no loss in efficiency. Top tuning. Factory peaked at 175

K. C. No padding condenser necessary as it is made for the new special tracking oscillator section of variable condensers of .00036 mfd. Enclosed and fully shielded in a square aluminum can, 3" high, 2" square. Has two spade bolts for mounting. Shipping weight 3 lbs. H9997

**Your Cost Each \$1.25**

### Trutest R. F. Chokes



These R. F. chokes are lattice wound, mounted, easy to fasten down. For all circuits and receivers. 8 millihenries.

**H10100 Your Cost 19c**

16 Millihenries. **H10101 Your Cost 24c**

For Short Wave Work, 5 M. H. **H10102 Your Cost 18c**

### Hammarlund I. F. Transformers

These coils are identical to those used in the Hammarlund Comet Receivers. The twin coils are of 10/41 Litz with a power factor of .01 or a Q of 100. Coupling is very slightly below optimum. Designed for use with 58 or 35 type tubes. Tuned by adjustable condensers with mica dielectric and isolantite base. Wax impregnation and sturdy construction provide excellent stability. The shield can is 2 1/2 x 1 1/2" high. Base mounting.



**H8538—Peaked at 115 K. C.**

**H8539—Peaked at 175 K. C.**

List \$2.25

**Your Cost \$1.32**

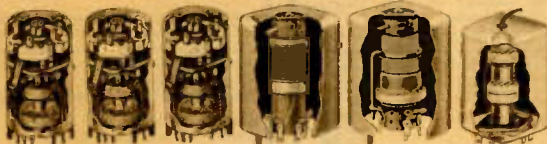
**H8540—Peaked at 465 K. C.**

List \$3.00

**Your Cost \$1.75**

### 12 Tube Super-Het. Broadcast Deluxe Coil Kit—200-550 Meters

**Latest Type Tubes Used—2A3 P. P. Power Automatic Volume Control**



One of the finest kit of coils for the construction of a 12 tube de luxe broadcast receiver that we have ever seen. Complete in every respect, custom-built throughout. Tremendous sensitivity and selectivity per stage, provides extreme pick-up. Combines the following coil units: One shielded pre-selector coil, one Litz wire wound R. F. transformer, one shielded oscillator, the three units are in 2 inch square aluminum cans, 3 inches high; three stages of Litz wire wound, double tuned intermediate frequency units, in round aluminum cans, 1 1/2 x 2 1/4 inches high. Utilizes the Trutest precision four-gang variable condenser, .00036 mfd., with special tracking section for oscillator. This kit when properly constructed according to the blue print diagram furnished, should more than compare with any factory or custom-built radio receiver on the market. All the parts necessary for the construction of the entire receiver can be selected from this catalog or our Spring 1933 No. 54 catalog. Shpg. wt. 4 lbs. Complete kit of coils with diagram, less condenser.

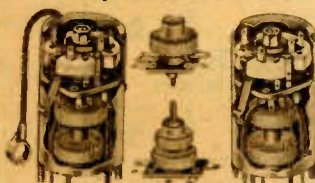
**H10034 Your Cost \$4.45**

Complete kit as above, with Trutest precision four-gang condenser. Shpg. wt. 9 lbs. **\$6.95**

**H10035 Your Cost 35c**

Diagram only

### 5 Tube Super-Het., A.C., D.C. Coil Kit



A very compact kit of coils for the construction of a five tube A. C.-D. C. receiver. Utilizes the very latest type tubes, 6A7, 78, 77, 43, and 25Z5. The two intermediate frequency transformers are double tuned, Litz wire wound, isolantite base, peaked at 456 K. C. A special R. F. transformer and a special oscillator coil. Utilizes a two-gang variable condenser, .00036 mfd., with special tracking section for oscillator. A full size blue print diagram furnished free with each kit, showing the resistance values and capacities of condensers, etc. The two I. F. units are shielded in round aluminum cans, size 1 1/2 x 2 1/4 inches high, top tuning. By using this coil kit and other high quality parts, a radio receiver can be constructed that is right up-to-date. Complete kit of coils and diagram, less two-gang condenser. Shpg. wt. 3 lbs.

**H10026—Your Cost, Special \$2.45**

Complete as above, with Trutest two-gang variable condenser. Shpg. wt. 6 lbs. **\$3.80**

**H10027—Your Cost, Special 35c**

Diagram only—Your Cost

### Trutest Improved Midget Isolantite Double Tuned I. F. Transformers

**Litz Wire Wound**



Especially designed for circuits requiring very high gain in the intermediate frequency systems. The very highest quality Litz wire used throughout. Unique feature of the double tuning at top, makes it an ideal unit for all types of radio receivers. Two bronze springs hold entire unit in the shield. Can size 1 1/2 x 2 1/4" high. Full length leads for direct wiring. Shpg. wt. 8 oz.

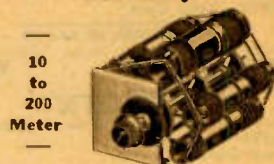
**H10021—175 K. C. 88c**

**Your Cost**

**H10022—456 K. C. 88c**

**Your Cost**

### Trutest Super-het. Short Wave Converter Coil Assembly



Just a turn of the switch enables choice of the 10-20, 20-40, 40-80, and 80-200 meter bands. Designed to be used with a two tube circuit consisting of a first detector and an oscillator. The output then may be fed to a standard T. R. F. or a Super-Het. For use with a 2-gang .00014 mfd. condenser. Diagram of hook-up furnished. Shipping weight 3 lbs.

**H10104 Your Cost \$3.90**

### Shielded Pre-Selector Coil

A high-gain band-pass pre-selector unit, shielded in aluminum can, 2 inches square, 3 inches high. Genuine Litz wire wound on a special treated base. Extremely sensitive. Shpg. wt. 8 oz.

**H10072 Your Cost 69c**





**Colored Rubber Hook-Up Wire**



No. 18 stranded and tinned copper wire covered with colored rubber compound. Solders instantly. 25 ft. to coil. Colors black, red or green; state color wanted. Shipping weight per coil 6 oz.  
**Q16275—Your Cost Per Coil 11¢**  
 10 Coils. \$1.00

**Best Grade Push Back Wire**



**Double Cotton Braid**  
 Size 19 copper wire, tinned for easy soldering. Extra heavy insulation slips back easily. Essential for a neat and quick job. Very fine quality, not to be confused with cheaper grades which are not really "push-back." Colors: red or black. Shipping weight 6 oz. coil 25 ft. One piece coils.  
**Q16327**  
 25 Ft. Coil 50 Ft. 500 Ft.  
 17c 33c \$2.00

**18 Gauge Stranded Push-Back Wire**

The same high quality as the above. Size 18. Stranded and tinned. Red or black. One piece coils. **Q16330**  
 25 Ft. Coil 50 Ft. 500 Ft.  
 17c 33c \$2.00

**22-Gauge Stranded Copper Hook-Up Wire**



For filament leads and general wiring. Seven strands of No. 29 wire. Cotton and rubber under waxed braid covering. Tinned. Colors: Black, Yellow, Red, Green. Shipping weight 25 ft. coil 6 oz.  
**Q16276**  
 25 Ft. 50 Ft. 100 Ft.  
 14c 25c 33c

**Service Wire Kit**



A real money saver. This assortment contains practically every type of wire useful for Radio Service. Contents total approximately 200 ft. in lengths varying from 4 to 24". Various wires are pushback R. C. hookup shielded, twisted and parallel lamp cord, heavy A. C. leads, spaghetti etc., Shipping weight 5 lbs.  
**R16293—Your Cost 32¢**

**Antenna Wire**

It has been called to our attention that some houses are cutting short lengths and selling undersize wire in order to quote a low price. Our prices are the very lowest, consistent with standard size, length and quality.



**Bare Copper Wire**

**7/27 STRANDED**  
 Shipping weight, 100 ft., 1/2 lb.  
**Q16112**—100 ft. coils.  
 Single Lots of  
 Lots Each 25 Each 50 Each  
 13c 12 1/2c 12c

**7/26 STRANDED**  
**Q16113**—100 ft. coils.  
 Single Lots of  
 Lots Each 25 Each 50 Each  
 16c 15c 14 1/2c

**7/24 STRANDED**  
**Q16114**—100 ft. coils.  
 Single Lots of  
 Lots Each 25 Each 50 Each  
 18c 16 1/2c 16c

**7/22 STRANDED**  
**Q16115**—100 ft. coils.  
 Single Lots of  
 Lots Each 25 Each 50 Each  
 24c 22 1/2c 22c

**Enamelled Copper Wire**

**7/24 STRANDED**  
**Q16116**—100 ft. coils.  
 Single Lots of  
 Lots Each 10 Each 25 Each  
 26c 23 1/4c 23c

**7/22 STRANDED**  
**Q16117**—100 ft. coils.  
 Single Lots of  
 Lots Each 10 Each 25 Each  
 34c 32c 31c

**No. 14 SOLID**  
**Q16118**—100 ft. coils.  
 Single Lots of  
 Lots Each 10 Each 25 Each  
 29c 27c 26c

**No. 12 SOLID**  
**Q16119**—100 ft. coils.  
 Single Lots of  
 Lots Each 10 Each 25 Each  
 45c 42c 40c

**Approved Fixture Wire**

This is the highest type of wire available for this purpose. Meets the Board of Fire Underwriters approval, and therefore is recognized by all electrical inspection bureaus. The Fire Insurance Companies particularly require approved cord for all radio and electrical installations.

**Parallel Cotton Cord**



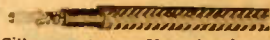
Available in green, white, brown, maroon, yellow, black. Specify color when ordering. Shipping weight 3 lbs. to 100 ft.  
**2 Conductor 18 Gauge 1/64 R. C. Y20935**  
 Your Cost Per Foot 1¢  
 Your Cost 100 Feet \$ .90  
 Your Cost 500 Feet 3.50  
 Your Cost 1000 Feet 6.75  
**2 Conductor 18 Gauge 1/32 R. C. Y20936**  
 Your Cost Per Foot 1 1/2¢  
 Your Cost 100 Feet \$1.20  
 Your Cost 500 Feet 4.00  
 Your Cost 1000 Feet 7.75

**Parallel Silk Lamp Cord**



New code insulation lamp cord. Consists of two conductors laid parallel and covered with braided silk. Has inner braid. The neatest cord for portable lamps, extension lights, etc., available in the following popular colors: White, brown, maroon, old gold, black, green. Specify color when ordering. Shipping weight 3 lbs. 100 ft.  
**18 Gauge 1/64**  
**Y20937**  
 Your Cost Per Foot 1 1/2¢  
 Your Cost 100 Feet \$1.20  
 Your Cost 250 Feet 2.25  
 Your Cost 500 Feet 4.00  
**18 Gauge 1/32**  
**Y20938**  
 Your Cost Per Foot 2¢  
 Your Cost 100 Feet \$1.70  
 Your Cost 250 Feet 2.85  
 Your Cost 500 Feet 4.85

**Single Fixture Wire**



Silk or cotton. Very handy for hooking receiver up to aerial and ground as well as for general fixture use in extensions, etc. Silks come in white, old gold, maroon and brown. Cotton available in white and brown only. Specify color when ordering.  
**Gauge 18 1/64**  

	Silk	Cotton
<b>Y20915</b>	100 ft. \$ .55	\$ .45
	500 ft. 1.95	1.75
	1000 ft. 3.20	2.95

**Gauge 18 1/32**  

<b>Y20916</b>	100 ft. .65	.55
	500 ft. 2.25	1.95
	1000 ft. 3.75	3.20

**Gauge 16 1/32**  

<b>Y20917</b>	100 ft. .75	.65
	500 ft. 2.40	2.25
	1000 ft. 4.20	3.75

**Gauge 14 3/64**  

<b>Y20918</b>	100 ft. .95	.85
	500 ft. 3.25	2.75
	1000 ft. 6.25	5.30

 Shipping weight 3 lbs. to 100 ft.

**New Type Parallel Lamp Cord**



Waterproof, similar in size and appearance to the regular cotton or silk covered lamp cord. The two rubber covered wires are contained in a jacket of extremely tough live rubber. This wire is approved by the underwriters and can be had in orchid, green, white and brown.  
 Shpg. wt. 3 lbs. to 100 ft.  
**Y20920**—18 gauge. Your Cost:  
 Per Ft. 100 Ft. 500 Ft.  
 2c \$1.50 \$6.95

**Special Wire Offer**



The purchase of several million feet of fixture wire permits us to offer a large selection of popular sizes and colors at prices far below the present market. It is now possible for you to have a selection of wire that will take care of any job you have at extremely low cost. Shipping weight 4 lbs. 100 ft.

**Cotton**

**Y20875**—200 Ft. 18 1/64 Single conductor for Aerial, Ground and General Use.  
**Y20876**—250 Ft. 22 1/64 Single conductor for Hookup, etc.  
**Y20877**—100 Ft. 14 1/32 Single conductor for General Heavy Filament Work.  
**Y20878**—100 Ft. 18 1/64 Twisted Pair conductor Green and Yellow for Drop Cords, Extension, etc.  
**Y20879**—50 Ft. No. 14 Twisted Pair for Power Amplifier, etc.

**Silk**

**Y20880**—100 Ft. 18 1/32 Parallel All Colors for Extensions, etc.  
**Y20881**—100 Ft. 18 1/64 Parallel, for installations, etc.  
**Y20882**—100 Ft. 18 1/64 Twisted Pair for Filament Leads and Portable Work  
**Your Cost Each Spool 82¢**  
**Your Cost Complete Assortment of 8 Spools \$6.25**

**Shielded Lead-in**



Unexcelled for lead-in and ground connections. 16 strands No. 29 (equal to No. 16) with layer of cotton over which is a layer of pure live rubber covered with a shielding of tinned copper braid. Insulations, skins easily and wire is tinned for easy soldering.  
**Q16212**— 50 Ft. 100 Ft.  
 Each 50c 94c  
 Shpg. wt. lbs. 1 2

**Best Grade Lead-in Wire**



A heavier and better grade than the above. Consists of a core of No. 14 tinned copper wire covered with a layer of durable rubber compound and a layer of cotton braid. Weather-proofed braid. Strips clean; solders easily. Standard code wire.

**Q16203**— 25 Ft. 50 Ft. 100 Ft.  
 Single Lots 15c 27c 52c  
 Lots of 10 Ea. 14c 26c 51c  
 Lots of 25 Ea. 13c 25c 50c  
 Shpg. wt. lbs. 1/2 1 2

**Lead-in Wire**



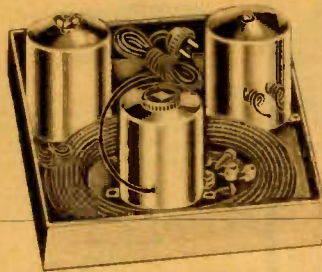
Very good quality. The grade usually used for service work. No. 17 copper well insulated with pure rubber.

**Q16200**— 25 Ft. 50 Ft. 100 Ft.  
 Single Lots 10c 15c 27c  
 Lots of 10 Ea. 9c 14c 26c  
 Shpg. wt. lbs. 1/2 1 2

**HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It**

# Noise Suppressors and Filters

## Trutest Deluxe 4-Purpose Aerial and Line Noise Suppressor Kit



Designed to meet present day conditions of the broadcast channels. Comprises the latest type of coupling transformers, line filters and shielded transmission cable for the reduction of man-made static. Any type or make of radio receiver can be made more selective, have greater sensitivity, finer tone quality; when the complete installation is made according to instructions furnished with each kit.

The complete kit combines the following: One antenna coupling transformer, one radio receiver coupling transformer, one A. C. line filter and 50 feet of shielded transmission line. Shpg. wt. 5 lbs.

**L12662**  
Your Cost, Special **\$3.75**

Complete kit as above, less the A. C. line filter.  
**L12663** Your Cost **\$2.45**

Trutest de luxe line filter, only.  
**L12664** Your Cost **\$1.39**

Additional receiver coupling transformers, used when two or more receivers operate from the same antenna. Up to four can be used satisfactorily on single antenna.  
**L12665** Your Cost Each **60¢**

## Akaformer Noise Reducer Kit

This system consists of the use of specially designed transformers for the elimination of all forms of man-made static, noises, etc., due to local disturbances; these are generally picked up by the aerial and ground, and transmitted to the radio receiver along with the original signal intercepted. Kit contains two transformers, one antenna, and one receiver, also shielded cable enclosing tinned stranded copper lead-in. Installations of more than one radio, separate set transformers are required. Shpg. wt. 8 lbs. **\$2.94**



**L12629** Complete Kit **\$2.94**  
**L12629** Additional Set Transformers Each **\$1.32**

## RCA Universal Filter Unit--Type A

125 Volts A. C.-D. C. 2 1/2 Amperes

Made by The Radio Corporation of America. This Universal Filter Unit is a small, compact, semi-portable unit to be used with motors, heating pads, contact devices, violet ray apparatus, etc. The filter is capable of carrying a continuous current of 2 1/2 amperes at 125 volts A. C. or D. C. A six foot extension cord complete with attachment plug is provided. A binding post is provided on the end of filter unit and, whenever used in conjunction with a motor, connection should be made between post and motor frame, otherwise connect from post to a good ground connection. Completely sealed in a metal case, finished in a pleasing bronze lacquer. Size 5 1/2 x 2 3/4 x 2 3/8" high. Shipping weight 5 lbs. **\$1.95**



**B550** Your Cost Special

## Cutler-Hammer Toggle Switch



General purpose. 1/2" shaft. 3 amps. at 125 volts. Approved by Underwriters.  
**M12836**  
Each **15¢**  
Per Dozen **\$1.70**

## Single Pole Double Throw Switch



Three terminals, one common. One pole on each end. Ideal for Phonoradioswitch. Rated 3 amps. at 125 volts. 1/2" shaft.  
**M12834**  
Each **20¢**  
Per Dozen **\$2.20**

## Long Shank Switch

Same as above except has long shaft; 1". Ideal for wood panels.  
**M12835**  
Each **17¢**  
Per Dozen **\$1.90**



## 2 Circuit Rotary

Two way, two circuit. Rated 3 amps., 125 volts. Shaft 1 3/8" long, for standard knob.



**M12837** Each **19¢**  
Per Dozen **\$2.00**

## Off-On Switch

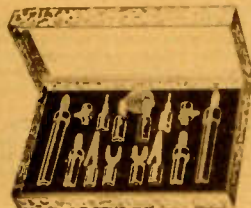
Similar in appearance to the above except has only two terminals.  
**M12838**  
Each **14¢**  
Per Dozen **\$1.50**



**D. P. D. T. Toggle**  
A suitable switch for meter panels. Shaft 1/4" long. Not suitable for 110 volt A. C.  
**M12833**  
Each **38¢**  
Per Dozen **\$4.20**

Per Dozen

## American Testing Kit



Combines a complete line of solderless and interchangeable parts for all types of testing. Two long and short insulated test prod handles, two plug-in-prongs, two plug-in-jacks, two insulated tapered type lugs, two insulated needle point phone tips, two insulated alligator clips. Made up in red parts for positive and black parts for negative identification. Shpg. wt. 1 lb.

**P12972**  
Your Cost, Special **\$1.39**

## ICA Neutralizing and Aligning Tool Kit



For any adjustment on all types of receivers. Contains alligator side wrench, 6" insulated screwdriver, metal nib; 1/8" and 1/4" nut wrench; 1/4" square nut insulated wrench; 1/4" hexagon metal side wrench and 2 1/2" insulated screwdriver, metal nib; 1/4" hexagon slotted insulated wrench; metal screwdriver; 1/8" hexagon insulated nut wrench, 5 insulated screwdriver, metal nib. 6" insulated screwdriver. Shpg. wt. 1 lb.

**P15089**  
Your Cost **\$2.35**

## Spin Type Socket Wrenches with Short and Long Shanks



These socket wrenches are made with a ribbed wooden handle, the shank is cadmium plated, hardened for durability and service. Has a deep hollow hole in the end of the socket, and will take a long screw, any size up to a No. 10 diam. Made in two sizes, 6 inch and 9 inch. The long shank for use where ordinary socket wrenches do not reach. Shpg. wt. 1 lb.

### WITH 6" SHANKS

**P15050** For set of 4 **42c**  
**P15051** For 1/4" hex. nuts.  
**P15053** For 3/8" hex. nuts.  
**P15052** For 1/2" hex. nuts.  
**P15054** For 3/4" hex. nuts.

Your Cost **12¢**  
Either Type

### WITH 9" SHANKS

**P15106** For set of 4 **65c**  
**P15107** For 1/4" hex. nuts.  
**P15108** For 3/8" hex. nuts.  
**P15109** For 1/2" hex. nuts.  
**P15110** For 3/4" hex. nuts.

Your Cost **18¢**  
Either Type

## Bruno Condenser Mike Head and Amplifier



A truly professional instrument. Constructed with micrometer accuracy and thoroughly tested over the entire audible range. Can be used for broadcasting, public address, or wherever perfect reproduction is required. No apparent hiss or other extraneous noises. Overtones and coloring are reproduced perfectly and the spoken voice is life-like. A tone and sensitivity control makes the microphone immediately adaptable to any conditions. Amplifier produces ample gain with perfect stability. Utilizes two 864 tubes. Non-microphonic, fully shielded battery and output cables. Couples directly to existing standard microphone terminals or standard 200 ohm line. Mounted in neat crystalline finished metal case, 4x4 1/2 x 5 inches. Shpg. wt. 9 lbs. Complete amplifier and head, less tubes and battery.

**M13376** Last Price \$40.00  
Your Cost **\$23.52**

## Bruno Condenser Microphone Kit

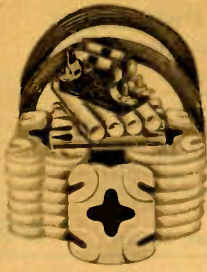
Parts carefully machined from solid castings provide precise clearance between back plate and diaphragm. Selected alloy sheet .002 inch is used for diaphragm, and stretched beyond resonant point. Fully enclosed, protected against moisture, dust and climatic changes. Complete kit of parts with instructions for assembly. Shpg. wt. 4 lbs.

**M13377** List \$5.00  
Your Cost **\$2.94**  
Condenser Microphone, completely factory assembled and tested.  
**M13378** List \$10.00  
Your Cost **\$5.88**



# LYNCH NOISE REDUCING PRODUCTS

## Short Wave Antenna Kit



While this Antenna System was designed primarily for short wave reception, its noise reduction properties are effective on the conventional broadcast frequencies and will provide usable reception where ordinarily the signal would be lost in a barrage of "man-made" static. This system is especially recommended for use with "all-wave" receivers. The Lynch S. W. Doublet Antenna Kit comprises the following parts: 15 Lynch Transmission Blocks; 8 Lynch Doublet Type Insulators; 1 Lynch Doublet Coupler, Line Impedance-Matching Device; and 200 ft. Enameled Short Wave Antenna Wire. Complete instructions for its entire installation furnished with each

Kit, Shpg. wt. 6 lbs.  
R17115 List \$5.00. **Your Cost**

**\$2.94**

## Antenna for the Broadcast Waves

The Lynch System consists of a pair of impedance-matching transformers of unique design which allows the use of a shielded transmission-line of any length without loss of signal strength. Its use preserves the purity of the original signal intercepted by the lofty antenna, high above the zone of inductive interference, and at the same time eliminates almost all the cracks, crashes, growls and other noises commonly classed as man-made static. Shpg. wt. 10 lbs. Complete kit with 50 ft. shielded line.

R17111 List \$5.00

**Your Cost**

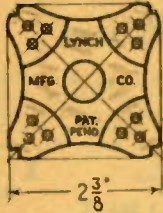
Kit with 100 ft. shielded line.  
R17114 **Your Cost**

**\$2.94**

**\$3.53**



## Cage-Aerial Spreaders



These Aerial Spreaders are used when the cage type of aerial is to be used to take advantage of its great pick-up qualities, and its freedom from directional effect. These Spreaders may also be used in amateur transmitting systems.

Shipping weight 5 lbs.

R17108 List, Complete Kit of 10, \$2.50

**Your Cost**

Kit of 10

**\$1.47**

## Pigtail Lightning Arrester

Provides suitable protection for any receiver, if connected directly between the antenna and ground binding posts.

L12658 List \$0.75. **Your Cost Each**

Double Lightning Arrester with Mounting.

L12659 List \$1.75

**Your Cost Each**

**\$1.03**

## Universal Coupler

The new Lynch Universal Coupler permits the use of an ungrounded transmission-line with any type of receiver without sacrificing the stability which grounding the chassis sometimes provides. It is especially useful with receivers of the all-wave type. In receivers employing a resistance input to the first tube superior results will be obtained by the use of the Lynch Universal Coupler. Complete instructions furnished with each Universal Coupler.

R17116 List \$1.00

**Your Cost Each**

**59¢**

## "All-Wave" Antenna Coupler

This Antenna Coupler enables securing the best possible results from the various noise-reducing antenna systems, without regard to the wave length on which reception is desired. Shipping weight 1 lb.

R17106 List \$1.50. **Your Cost Each**

**88¢**

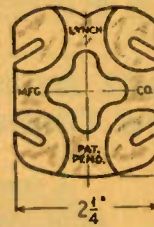
## Lynch Doublet Coupler

For use with all types of Receivers in which the "All Wave" Coupler cannot be employed because of shielding, lack of space, or any other reason. Shipping weight 2 lbs.

R17113 List \$1.00. **Your Cost**

**59¢**

## Transposition Blocks



The mechanical design of the blocks reduces the electrical losses to an absolute minimum, and offsets the ravages of weather and moisture, in order to secure the greatest possible signal strength. Results are most satisfactory on both regular broadcast as well as on short wave wave-lengths. Shipping weight 1 lb. Complete Kit of 10.

R17110 List \$2.50

**Your Cost for Kit of 10**

**\$1.47**

## Lynch "U.S.N. Standard" Antenna Insulators

These Insulators are especially designed to eliminate the loss of radio frequency energy due to leaky, faulty and defective insulators. They are an absolute necessity for the D. X. fan, and will improve reception and volume from weak and distant stations. Shipping weight 3 lbs.

R17107 List, Complete Kit of 8, \$3.00

**Your Cost**

Per Kit of 8

**\$1.76**

# PHILCO



**Three Purpose Antenna System**

The primary purpose of this system is the reduction and elimination of noise, man made static, that originates from various sources, such as small motors and electrical appliances. With this installation, reception is greatly increased, and more stations will be heard. Will provide efficient operation from two to four radio sets from a single antenna, through the use of separate set transformers. A 50 ft. coil of transmission wire is furnished with this kit, additional line in 100 ft. coils is available. Up to 400 ft. can be used without affecting the sensitivity of the installation or without any increased noise pick-up. Kit includes all necessary equipment for antenna installation, plus 1 antenna and 1 set transformer with complete instructions.

R17150 **Your Cost**

R17151 Set Transformers

**Your Cost Each**

Additional 100 ft. coil of transmission line.

R17152

**Your Cost per Coil**

**\$2.94**

**44¢**

**\$1.18**

## Filterizer Kits



The new improved filterizer for keeping man-made static out of the receiver—utilizes the simple principle that most radio noise is carried on building wiring

picked up on the lead in from the aerial, and will not reach the set if it is kept off the lead in and aerial. The filterizer keeps radio noise out of the receiver by providing an aerial outside the field of radio noise and carrying broadcast signals to the receiver through a filtered lead in system. Loss of signal which has been an objection to the use of old style shielded lead in systems is obviated in the filterizer by the use of two specially designed filterizers the RF-1 at the aerial and the RF-4 at the set. Consists of one antenna coupler, one receiver coupler and 75 feet of shielded cable. No tools required to install. Shpg. wt. 10 lbs.

L12603

**Your Cost for this Kit**

**\$2.73**

## Tobe Special Filterizer

A special filterizer to replace the kit described above, when heavy line noises predominate in the interference received with the program on your radio receiver. No matter what make of radio you have—no matter where you live the filterizer will give you relief from radio noises. Consists of one antenna coupler, one line filter and 75 feet of shielded wire. Easily installed—requires no attention. Shipping weight 10 lbs.

L12604

**Your Cost Complete Kit**

**\$5.73**

## Amplex Ex-Static Three Purpose Antenna System



This Antenna System has proven to give over 50% increased pick-up with additional stations to be heard without the usual interference of "man-made" static. Sensitivity and selectivity greatly increased over the entire broadcast band. Recommended for all types of receivers, both A. C. and D. C. This kit combines a complete antenna installation of 75 ft. stranded copper wire, 50 ft. shielded lead-in, 15 ft. ground wire, ground clamp, insulators and lightning arrester, together with Type XA for antenna, Type XR for receiver. Four sets can be operated on one aerial with additional XR units. Shpg. wt. 5 lbs.

L12653 **Your Cost per Kit**

**\$1.98**

Additional Type XR units.

L12654 **Your Cost Each**

Kit of one XA and XR unit, 50 ft. of shielded wire.

L12655 **Your Cost**

**\$1.73**

## Du-plex Aerial Eliminator and Antenna Intensifier



When used as an Aerial Eliminator, it eliminates outdoor wires, reduces noise and improves quality. When used as Antenna Intensifier, it stops interference of stations, sharpens tuning and betters reception. It is adjustable for all types of Radio Receivers. Shpg. wt. 8 oz.

L12656 **Your Cost Each**

Per Carton of 12

**79¢**

57.20

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

# BARGAINS!

QUANTITY LIMITED

## Powertone Superior Radio Tubes At Bargain Prices

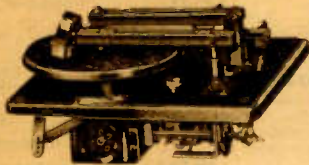


Placed on the market by one of the foremost manufacturers in the radio industry to answer the demand of the service man for a first grade tube at a low price. Meter tested, in accordance with specifications of highest quality tubes. Every tube subject to a six months' guarantee.

Type	Description	Your Cost	Type	Description	Your Cost
112A	5 V. Pwr. Amp.	\$0.39	231	2 V. Pwr. Amp.	\$0.59
171	5 V. Pwr. Amp.	.38	232	2 V. S. G. Amp.	.79
199X	3.3 V. Det. & Amp.	.65	233	2 V. Pent. Pwr. Amp.	.79
199V	Det. Amp.	.65	235	2.5 V. Var-Mu. R. F. Amp.	.53
201	5 V. Det. & Amp.	.32	245	2.5 V. Pwr. Amp.	.39
210	7.5 V. Pwr. Amp.	1.25	247	2.5 V. Pent. Pwr. Amp.	.52
224A	2.5 V. S. G. Amp.	.53	250	7.50 V. Pwr. Amp.	1.29
226	1.5 V. Amp.	.35	280	5 V. Rectifier	.39
227	2.5 Det. & Amp.	.37	281	7.5 V. Rectifier	1.25
230	2 V. Det. & Amp.	.59			

## White Full Automatic Record Changer

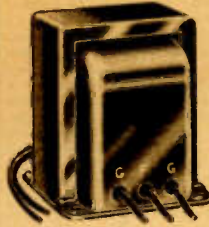
Special \$12.50



The White Automatic Record Changer is the most flexible unit of this type ever offered. It is finely finished, neat in appearance and occupies very little space, due to the elimination of cumbersome record racks. Fully automatic, will play either the 10 or 12 inch records, whether they are warped or not. Any record can be repeated or ejected at will. It is easy to load, carries full support for the records at all times, thus making it impossible to warp them. Its flexibility is remarkable and due to its small size, it adapts itself to many uses heretofore impossible. It can be installed in a cabinet with an amplifier and speaker, or it may be plugged into an existing radio set. Due to the ingenious design of the ejecting mechanism, it will not chip or mar records in any way. It can be started or stopped, loaded or unloaded at will. Has positive clamp preventing slippage of a record while playing. Sturdily constructed and should require no care other than the application of a few drops of oil to the motor bearings occasionally. If handled with reasonable care, it should last indefinitely. For best results, use medium tone needles. Must be mounted on an angle of 45 or a 21 inch slant. Size, 9 1/2 inches high, 12 1/4 inches wide, 13 1/4 inches long, 115 volt 50-60 cycle. Shpg. wt. 25 lbs. Full instructions with each unit.

Y19894 Your Cost, Very Special \$12.50

## Genuine Thordarson Push-Pull Input Transformer



A genuine Thordarson P. P. Input Transformer, fully shielded in metal case. Designed to couple a stage of straight audio amplification into a stage of power push-pull using any of the existing types of power amplifying tubes. Has an unusually uniform response over the effective range of audio frequencies. Primary 1800 ohms, secondary 9000 ohms D. C. resistance size, 2 1/4 x 2 1/4 x 3" high. Shpg. wt. 4 lbs.

C2450 Your Cost, Special 69¢

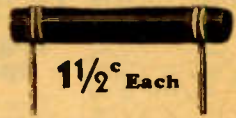
## H. & H. Long Shank Switch



1" Shank. Underwriter approved. 3 amp. 125 v. two-way two-circuit.

M12841 Your Cost Each 19¢  
12 for \$2.15

## Carbon Resistors



A very fortunate purchase enables us to offer these reliable carbon resistors at unbelievable low price. The following resistances: 400; 500; 1000; 1500; 1 meg.; 1 1/2 meg.; 2 meg.; 3 meg.

E5110 - Any size Per Hundred \$0.95

## Kap Fire Extinguisher



The Kap Fire Extinguisher is the only hand type extinguisher licensed to use the genuine DuGas Chemical. Have one or more of these Handy Kap Fire Extinguishers always ready to meet that dreadful moment - FIRE. Suitable for practically every use, in the home, car or garage. It cannot freeze, evaporate, deteriorate, cake or harden. After extinguishing a fire it leaves no fumes, no nuisance, no damage or no water. The chemicals are non-injurious. Size 14" high. Comes complete with mounting brackets and screws. Shpg. wt. 5 lbs.

Your Cost Each 70¢  
Six for \$3.95  
Refills for above Kap Fire Extinguisher. Your Cost 25¢

## 1 WATT

The following resistances in 1 watt sizes available at these prices: 150; 200; 400; 500; 600; 1000; 1200; 1500; 2000; 2500; 3000; 4000; 5000; 7000; 10,000; 15,000; 25,000; 30,000; 35,000; 50,000; 75,000; 100,000; 150,000; 250,000; 500,000; 750,000; 1 meg.; 1 1/2 meg.; 2 meg.; 2 1/2 meg.; 3 meg.

E5100 - Any size Per hundred \$1.95

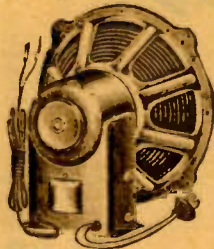
## 2 WATT

The following resistances: 1500; 2000; 3000; 4000; 5000; 7000; 15,000; 17,000; 20,000; 25,000; 30,000; 45,000; 60,000; 75,000.

E5050 - Any Size 5¢  
50 for \$2.10 100 for \$3.95

If you do not find the item that you require in this catalog, it is sure to be in our Spring 1933 No. 54 Catalog. If you have not a copy of this complete catalog, send for it now.

## Utah Stadium A. C. Speaker 12 1/4" Cone



This Speaker is used in Power Amplifiers, Public Address Systems, etc., using '45 or '50 type tubes. Is for 110 volt A. C., 60 cycle supply, and with transformer suitable for either single or push-pull 45s or 50s. Has 6 volt dry rectifier. Overall size 11 1/4" wide; 12 1/4" high; 7 1/2" deep. Cone diameter 10". Shipping weight 20 lbs.

W19215 For single 45s \$6.95  
Your Cost  
W19216 For P-P 45s \$8.25  
Your Cost

## Block Plane



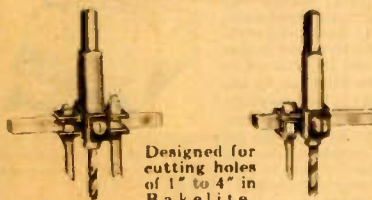
A 7" plane with hardened and tempered steel cutter 1 3/4" wide. Adjustable cutter. A real value. Shpg. wt. 3 lbs.

L14730 List \$1.25

Your Cost 55¢

## QUALITY HARDWARE

### Adjustable Circle Cutters



Designed for cutting holes of 1" to 4" in Bakelite, Hard Rubber, Sheet Iron, Brass, Tin, Wood, Linoleum, Beaver Board, etc. A real tool! for the radio mechanic, carpenter, automobile mechanic, and plumber. Used in a breast drill, hand brace or machine. Will not creep. Ideal for cutting socket and meter holes, etc.

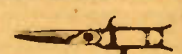
Adjustable Circle Cutter, with a beading cutter attached. Shipping weight 6 lbs. \$1.95  
P14717 Your Cost  
Adjustable Circle Cutter only. Shipping weight 5 lbs. \$1.19  
P14718 Your Cost  
EXTRA CUTTER, for above tools. Shipping weight 1 lb. 25¢  
P14716 Your Cost Each

### Notched Hedge Shears



Made of best quality drop forged steel. Blades highly polished accurately ground and set. Case hardened bolt and nut, spring tension washer, copperized seamless steel ferrules. Each blade tang has a patent clutch spring making it impossible for handle to loosen. Size 7" cutting blade. Shipping weight 4 lbs. \$1.19  
P15100 Your Cost

### Quality Grass Shears



Forged, steel polished blades; fitted with spring tension washers. Green Duco finished handles. Standard size 6" blade. Overall 12 1/2". Shipping weight 2 lbs. 45¢  
P15106 Your Cost

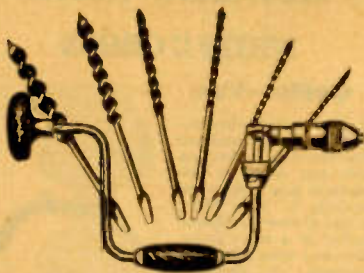
### Pruning Shears



California pattern. Duco finish. Malleable iron handles. Length, 8 1/2". 2 1/2" tool steel blades. Lever catch. Shipping weight 1 lb. 29¢  
P14975 Your Cost Each

# QUALITY TOOLS at LOWEST PRICES

## Ratchet Brace and Bit Outfit



Steel brace fully nickel plated with wood knob and handle, finished in mahogany. Has 10" sweep, round knurled alligator jaw chuck with spring. Equipped with ring ratchet adjustment. Complete set of 6 James Swan auger bits in a convenient wooden box with slide cover. Finest quality steel bits in the following sizes,  $\frac{1}{8}$ ",  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ " and  $\frac{3}{8}$ ". Ratchet brace with above set of bits. Shipping weight 6 lbs.

**P14735—List \$4.75**  
**Your Cost** ..... **\$2.59**

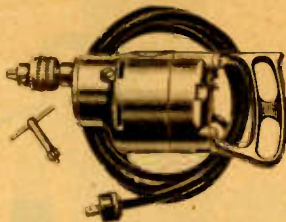
Ratchet brace only. Shipping weight 4 lbs.  
**P14736—List \$2.00**  
**Your Cost** ..... **\$1.10**

## Economy Brace

This fully polished steel brace is equipped with round knurled alligator chuck containing heavy spring. Knob and handle are of hardwood, finished in mahogany, and fitted to brace, allowing free turning without excessive play. Brace has a full ten inch sweep. Shpg. wt. 3 lbs.

**P14739—List \$1.00. Your Cost** ..... **48¢**

## Signal Portable Electric Drill



A high grade light duty drill for industrial plants, repair shops, etc. Ideal for intermittent service. Contains a strong serviceable Universal A. C.-D. C. 110 volt motor, with bronze bearings. Body and handle of cast aluminum, and has special heat treated alloy gears. Has a trouble free make and break switch. Equipped with a three jaw Chuck with a capacity up to  $\frac{1}{2}$ ". Furnished with 8 ft. heavy duty rubber covered cord with rubber plug and key. Overall length 11 $\frac{1}{4}$ ", diameter 4". Shpg. wt. 9 lbs.

**P14733—**  
**Your Cost** ..... **\$12.95**



## G. M. Co. Hand Drills

Finely machined hand drills with  $\frac{1}{2}$ " hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Shpg. wt. 2 lbs.

**P14723—With side knob.**  
**List, \$2.00**  
**Your Cost** ..... **79¢**

**P14724—Without side knob.**  
**List \$1.50**  
**Your Cost** ..... **59¢**

## Ratchet Screw Driver



Tool steel blade. Nickel plated ferrule, hardwood handle. Has 3 position ratchet adjustment that allows operation to right or left or holds blade rigid. Shipping weight 1 lb.

Stock No.	Blade Length	Net
P14969	3"	40c
P14970	5"	50c

## Ratchet Screw Driver



A heavy duty tool, with reversing and locking adjustment. Best quality steel; nickel plated. Mahogany finished hardwood handle. Has two blades different in size. Shipping weight 2 lbs.

**P14742—**  
**Your Cost** ..... **\$1.59**

## Screw Driver Set



Set consisting of one Shockless Insulated  $\frac{1}{4}$ " screwdriver with 2" nickleled blade, and one  $\frac{1}{4}$ " screw driver with 3" forged steel blade and hardwood handle finished in red. These are two of the most popular sizes in demand by every worker. Shpg. wt. 1 lb.

**P15090—Your Cost per Set** ..... **12¢**

## Bench Grinder



Will fit any bench up to 1 $\frac{1}{2}$ " in thickness. Grinding wheel is 4" in diameter and 1" wide. Adjustable steel grinding guide. Has dirt proof gear case with extra long bearing which assures a true running wheel. Shpg. wt. 6 lbs.

**2P14729—List \$2.00**  
**Your Cost** ..... **85¢**



## Bench Vises

Different swivel positions are easily obtained by the action of a spring plunger. Gray Iron, fine grain. Jaws are accurately machined, polished and lacquered. Screw parts nickel-plated. Jaws open 2 $\frac{1}{2}$ ", and

have double steel guide rods. Fitted with adjustable clamp. Base finished in Black Japan, and body with Red Baking Enamel. Width of jaws 2 $\frac{1}{2}$ ". Shipping weight 7 lbs.

**14699—List \$2.75. Cost** ..... **\$1.25**

Good steel, carefully machined. Finished in red enamel with highly polished jaws and handle. Accurately cut spindle thread. Equipped with vise type clamping handle. Will clamp to board or bench up to 2" thick. Has anvil behind jaw. Made in two sizes.

Jaws, 2 $\frac{1}{2}$ " wide. Shpg. wt. 7 lbs.  
**P14727—List \$2.00. Your Cost** ..... **89¢**

Jaws, 3 $\frac{1}{2}$ " wide. Shpg. wt. 10 lbs.  
**P14728—List \$3.00. Your Cost** ..... **\$1.39**



## Carbon Twist Drills



Used in hand, automatic or breast drills. Set of 1 to 60 drills only; wire gauge sizes. Shpg. wt. 3 lbs.

**P14707—Your Cost** ..... **\$1.59**

**ASSORTMENT 9 Drills; sizes  $\frac{1}{16}$ " to  $\frac{3}{8}$ "**

Good steel; fast cutting. Paper wrapped.

**P14710—Your Cost** ..... **29¢**

## James Swan Auger Bits

Forged of the highest quality tool steel; bright finish. Bore fast and clean without binding. Double cutters, deep spur. Six bits to set. Sizes:  $\frac{1}{8}$ ",  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ " and  $\frac{1}{2}$ ". Wood box. Shpg. wt. 3 lbs.

**P14737—Your Cost** ..... **\$1.59**

## Kester Metal Mender



A real home soldering kit! Outfit is composed of a can of Kester Metal Mender,  $\frac{3}{4}$  lb. forged soldering iron (Lake Copper) and high grade hardwood handle with a wire ferrule. Complete in an attractive display box suitable for counter use. Shpg. wt. 3 lbs.

**P14939—Your Cost** ..... **39¢**

## Neutralizing Tool



Has clip for pocket.  $\frac{1}{2}$ " nut wrench with key slot and neutralizing screwdriver on removable inside rod;  $\frac{3}{8}$ " nut wrench in one end of outside barrel. Made of durable non-conductive material that will stand hard usage. Shipping weight 8 oz.

**P14915—Your Cost Each** ..... **38¢**

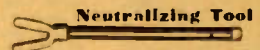
## Majestic and Crosley Alignment Attachments



**Crosley**  
Balenut for Majestic Sets  
Overall length 2 $\frac{1}{2}$ ". Has screw driver and offset socket for  $\frac{1}{4}$ " hex nuts that extends tool handle 1 $\frac{1}{2}$ ".  
**P15085—Your Cost** ..... **32¢**

**For Crosley Sets**  
Extends tool 1 $\frac{1}{4}$ ". Has socket in end for  $\frac{1}{4}$ " square nuts.  
**P15086—Your Cost** ..... **10¢**

## Alligator Neutralizing Wrench and Screw Driver



Alligator wrench with  $\frac{3}{8}$ " opening. Securely fastened to extra strong high insulation rod size  $\frac{1}{4}$ "x $\frac{1}{4}$ ". Hardened steel screw driver blade.

**P14921—Your Cost** ..... **35¢**

## Pencil Type Test Prods



Spring prongs at end of prods allows changing from spade lugs to phone tips or to spring clips. Handles are 6" long and only  $\frac{1}{4}$ " in diameter, ideal for getting into tight places. Needle point phone tips are used for piercing through insulated wire. Equipped with 5 ft. black and red flexible wire. Complete with two Alligator Clips, two needle point Phone Tips, and two

tapped lugs.  
**P12971—Your Cost Complete** ..... **79¢**

HAVE YOU OUR COMPLETE CATALOG No. 54? If Not Send For It

# LABOR SAVERS — MONEY SAVERS

## New Hamilton-Beach Electric Mixer

This New Model B, has every feature that women demand: Portable . . . mixes in any bowl or pan. One hand slides it on and off the stand. Bowls turn automatically at controlled speed. Motor tips back so beaters drain into bowl. Guarded beater easily removed. Sanitary juice extractor with ball-thrust bearing; the bowl is free from unsanitary mechanism. Removable strainer. Beaters always automatically adjusted to bottom of bowl. Single agitator for mixing drinks in a glass. The only portable mixer with worm gear drive. Beautifully finished in ivory and black. Enamel is baked on. Cast iron base, steel beaters, rubber composition handle, 6 ft. rubber cord and with moulded plug, rubber feet, beater and guard chromium plated. Size 15" high, 12½" long, 7" wide. For 110 volts A. C. 25-60 cycle or 110 volts D. C. Shpg. wt. 24 lbs.

V18275 — List \$19.95 **\$13.95**

Your Cost  
Potato Peeler Attachment. Shpg. wt. 12 lbs.

V18132 — Your Cost  
Slicer and Shredder Attachment, operates with same power unit as Meat Grinder. Shpg. wt. 3 lbs.

V18133 — Less power unit. Your Cost  
Meat Grinder and Chopper Attachment, less power unit. Shpg. wt. 5 lbs.

V18134 — Your Cost  
Coffee Grinder Attachment. Shpg. wt. 6 lbs.

V18135 — Your Cost  
Power Unit for use with above Slicer and Shredder or Meat Grinder Attachments. Shpg. wt. 7 lbs.

V18136 — Your Cost



**\$4.90**

Shpg. wt.

**\$1.57**

**\$1.57**

**\$1.57**

**\$1.57**

**\$2.28**

## Sunbeam Mixmaster

The best known of all Kitchen Mixers. Its powerful, multi-speed motor makes it possible to do everything from mixing fruit cake to beating a single egg. Shpg. wt. 26 lbs. **\$12.95**

V18278 — Your Cost  
Food Chopper attachment for above mixmaster. Complete with power unit, food chopper, 2 vegetable knives and one meat knife. Shpg. wt. 5 lbs. **\$3.50**

V18128 — Your Cost  
Can Opener attachment for above mixmaster. Operates from same power unit as chopper. **88¢**

V18129 — Less power unit. Your Cost  
Knife Sharpener attachment for above mixmaster. Operates from same power unit as chopper. Shpg. wt. 3 lbs. **\$1.40**

V18130 — Less power unit. Your Cost  
Power unit only for above can opener and knife sharpener. Shpg. wt. 7 lbs. **\$1.93**

V18131 — Your Cost

## COFFEE WITHOUT METALLIC TASTE

### WHITE CROSS

#### Coffee-Vac

A good cup of coffee depends, not so much on the brand of coffee you use, but more on the method you employ in making it. The White Cross Coffee-Vac brews coffee in a more scientific way than any other method or principle known. It brings out all the delicious, rich flavor of the coffee and insures perfect results every time. It is simple and easy to operate and brews coffee at exactly the correct temperature. It is quick and convenient to prepare and is entirely automatic. It brews 50% more coffee per pound. Its crystal-clear heat-proof glass can't impart metallic poisoning. Retains all the essential oils of the bean that usually boils away. It does not extract tannic acid to an excessive degree. Water is placed in lower bottle and coffee in the upper one; the current is turned on and when water has reached the correct temperature it expands and the air thus forces the water into the upper container mixing with the pulverized coffee. The brewed coffee then filters to the lower container from which it is served. Single Unit 6-Cup Capacity. Shpg. wt. 6 lbs.

V18289 — List \$5.95 — Your Cost **\$4.00**

Single Unit 8-Cup Capacity. **\$6.00**

B18290 — List \$9.00. Your Cost



## Sunbeam Mixmaster

The best known of all Kitchen Mixers. Its powerful, multi-speed motor makes it possible to do everything from mixing fruit cake to beating a single egg. Shpg. wt. 26 lbs. **\$12.95**

V18278 — Your Cost  
Food Chopper attachment for above mixmaster. Complete with power unit, food chopper, 2 vegetable knives and one meat knife. Shpg. wt. 5 lbs. **\$3.50**

V18128 — Your Cost  
Can Opener attachment for above mixmaster. Operates from same power unit as chopper. **88¢**

V18129 — Less power unit. Your Cost  
Knife Sharpener attachment for above mixmaster. Operates from same power unit as chopper. Shpg. wt. 3 lbs. **\$1.40**

V18130 — Less power unit. Your Cost  
Power unit only for above can opener and knife sharpener. Shpg. wt. 7 lbs. **\$1.93**

V18131 — Your Cost

## WHITE CROSS 9 Cup

### Electric Percolator

A Big Value!

Women eagerly buy this percolator. High quality, perfect performance and good looks at an unusually low price. Instantaneous circulation through a double wall valveless pump, makes good coffee quickly. This new Cold Water V-type design is the latest and most popular. Has new non-drip spout, etched motif, engraved base and highly polished aluminum finish. Not only is this percolator extremely serviceable but will ornament any table or buffet. Complete with standard cord set. 400 watts. Shpg. wt. 4 lbs. **\$3.25**



## Electromix Electric Mixer



Electromix cuts cooking time in half. Whip your cream in 1 mi. and 30 sec. No intricate adjustments, merely attach mixer to current. Motor finished in cadmium prevents rusting and assures long life. Green transparent glass jar 3¼x5", overall height of mixer 7½". Complete with cord and plug. For 110 volt A. C. only. Shpg. wt. 6 lbs. **98¢**

V18124  
Your Cost

## WHITE CROSS Aluminum Electric Percolators

Hot water type. Heavy aluminum without seams, welds or rivets in bottom of pot. Spray top fountain pump. Metallic sealed moisture-proof heating element, guaranteed for one year. Complete with cord and plug. Shpg. wt. 4 lbs. **\$2.15**



**\$2.15**

Your Cost

V18273 — 8 Cup size. Your Cost **\$2.40**

## UNIVERSAL Electric Mixer

New Mixer, Beater, Juicer and Vegetable Cutter has greater power, more uses and new beauty. Eliminates the lengthy and tiresome task of mixing and beating. Mixes, mashes, blends, whips and stirs everything that is usually done by hand in the kitchen. In cake making alone it saves half of the time in creaming and mixing batter. Supplied with attachments which easily convert Mixer into Juice Extractor or Vegetable Shredder or Slicer. Powerful three speed motor and beaters may be lifted back and used elsewhere. Beaters may be tipped back which allow them to drain. Unbreakable acid resisting porcelain enameled mixing bowl turns itself on revolving platform. Bowls 5½" and 9" in diameter, 1 and 3 quart capacity. Height overall 14½". Base 10¼x5½". Contrasting color combinations of jade green with black bead bowls and lacquered jade green stand and motor enhances its ornamental qualities. Operates on A. C. or D. C. Shpg. wt. 18 lbs. **\$13.95**

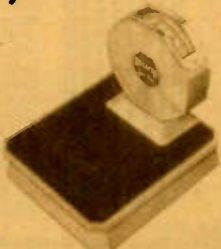


## DETECTO Bathroom Scale

WATCHES YOUR WEIGHT

Compactness which is unbelievable. New dial — higher, clearer and nearer to the eye. Weighs up to 300 lbs. Finished in Ivory and Black. Guaranteed for five years. Shpg. wt. 20 lbs. **\$11.75**

Your Cost **\$4.75**



# MAKE TOAST THE ELECTRIC WAY

## Electro Automatic Toaster

You can't burn toast with this Automatic Toaster. Push lever back and insert bread. Two slices of bread perfectly toasted at once. When toast is done—it will be ejected, and current will be shut off automatically. If lighter toast is desired, pull knob in back toward letter A. If darker toast is wanted, push knob toward letter E. Removable draw disposes of crumbs. Contrasting the highly Chromium Plated surfaces, the various mountings are finished in Black. Measures 6" high, 8½" long and 6" wide. Complete with 6 ft. of silk covered asbestos heater cord with attachment plug. For 110 volts A. C. or D. C. 600 watts. Guaranteed against defects in material or workmanship for one year. Shpg. wt. 6 lbs.

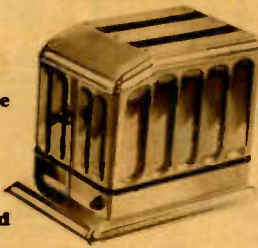


V18105  
Your Cost **\$6.95**

## TOASTMASTER

with the "Flexible Clock"

New and Improved



Put in the bread, push down the lever and pop perfect toast done to perfection and the current automatically shut off. Flexible Clock automatically regulates time of toasting with absolute accuracy so that every slice is toasted uniformly. Two-slice toastmaster makes two pieces of toast in a minute and a quarter. Smartly designed and finished in Chromium Plate that does not become dull. Two slice toaster illustrated measures 9x6x7½". Shpg. wt. 7 lbs.

V18108 Two Slice Toaster **\$11.20**

Your Cost **\$8.05**

V18109 One Slice Toaster **\$8.05**

Your Cost **\$8.05**

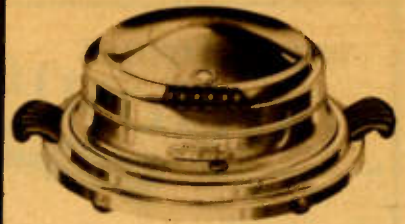
## Super-Star Toaster



Turn-over type. Guaranteed genuine nichrome element. Insulated handles. Toasts two full sizes of bread at one time. Made of heavy metal with super-polished nickel plate. Complete with heater cord and plug. Shpg. wt. 3 lbs.

V18231—Your Cost **\$8.95**

## WHITE CROSS Automatic Waffle Iron



Will bake any kind of waffles from very light to very dark by setting the heat control lever to vary baking temperatures. Signal lights up when waffle starts baking and goes out automatically when waffle is done. 8½" grids with butter groove of new alloy, Nichrome elements, mounted in refractory plates. Ornamental Bakelite handles, standard cord set. Finished in Heavy Chromium Plate. Shpg. wt. 8 lbs.

V18290—Your Cost **\$5.65**

## Marion Flipflop

### Toaster

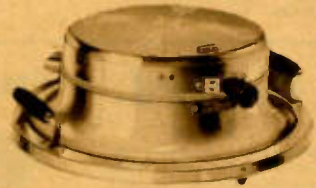
A real value at a popular price, this efficient, convenient toaster has become a household necessity.

Toasts two larger slices of bread at one time, quickly and evenly. Sturdily constructed and finished in Non-Tarnishable, beautiful Chrome Plate. Toast automatically reverses itself without being touched by fingers. Approved by Board of Fire Underwriters. Insulated handles. Complete with heater cord and plug. Shpg. wt. 7 lbs.



V18106—Your Cost **\$1.65**

## Marion "Low Boy"



A Waffle Iron of real distinction. A scientifically designed air chamber beneath keeps bottom cool at all times. High grade Nichrome element, generous in size insures long life and quick, even baking temperature. Heat indicator tells when iron is ready for baking. Chromium finish. Black ebonized handles. Shpg. wt. 7 lbs.

V18296—Your Cost **\$4.25**

## Electric Waffle Maker

An amazing value! Makes delicious waffles, crisp and brown. Equipped with hooded hinge top, clean cut pure aluminum grids, size 5½" diameter. Fibre legs that give ample clearance and protection. Highly polished wood handle. Will operate on D. C. or A. C. 105-120 volts. GUARANTEED FOR ONE YEAR. Shpg. wt. 5 lbs.



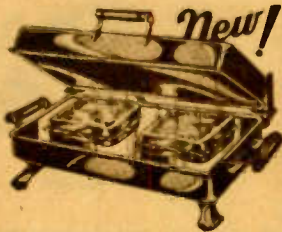
V18295—Less Heater Cord **\$8.95**

Your Cost **\$15.00**

V18302—Special 6 ft. Cord and Plug **\$15.00**

Your Cost **\$15.00**

## Dripless Grillette



Grooved, dripless plates, adjustable slide, equalized heating unit top and bottom and leg tips to protect the table. Air cooled. Cooking surface is 11x6" when closed and 11x12" when open. Heating unit **Guaranteed for one year.** For 110 volts A. C. or D. C. Shpg. wt. 8 lbs.

V18126—Less Heater Cord **\$1.29**

Your Cost **\$15.00**

V18302—6 ft. Cord **\$15.00**

Your Cost **\$15.00**

# COOK THE ELECTRIC WAY

## Rite-Wa Broiler

Broil, Bake, Toast, Cook and do it the easy way with the Rite-Wa Broiler. An ideal appliance for summer cottages—for full meals, lunches or mid-night spreads. Simple, attractive, efficient and compact, strongly built of Polished Aluminum, it is an ornament to any table or buffet. Tray in which food is prepared and served is the only part that must be cleaned after use. The rest need only be wiped dry. When Broiler is in inverted position, you can cook anything that can be cooked on a stove. Material and workmanship **Guaranteed for One Year.** For 110 volts A. C. Measures 6¾x19". Shpg. wt. 5 lbs.

V18107—Your Cost **\$3.50**



## EV'RYDAY Hot Plates



Heating elements of these hot plates are made of the best resistance wire and designed for long life. Frames are made of heavy pressed steel with spot welded corner reinforcements and sturdy detachable legs. Cords and plugs attached to all models. For 110 volts A. C. Single hot plate in two-tone green. Shpg. wt. 7 lbs.

V18100—Your Cost **\$5.95**

Similar to above but with "on" and "off" switch. Shpg. wt. 7 lbs. **\$8.50**

Twin-hot plate in two-tone green with "on" and "off" switches. Shpg. wt. 12 lbs. **\$1.65**

V18102—Your Cost **\$1.65**

Approved by the Board of Fire Underwriters

Twin hot plate in black enamel with Chromium legs, with "on" and "off" switch. Shpg. wt. 12 lbs. **\$2.65**

V18103—Your Cost **\$2.65**

Single hot plate in black with Chromium legs. Shpg. wt. 7 lbs. **\$8.50**

V18104—Your Cost **\$8.50**

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

# These prices tell their own story!

## WHITE CROSS Automatic

**Our Supreme Value!** Patented thermostat keeps temperature constant. Wide range of heat to select from. Bevel edge sole plate. Finest Nichrome wire element. Rigid ebonized handle. Wide heel plate. Full chromium finish. **WILL OUTPERFORM MOST 1000 WATT IRONS.** This appliance actually maintains temperature at which dial is set. Complete with cord and plug. For 110 volt A. C. Shpg. wt. 7 lbs.



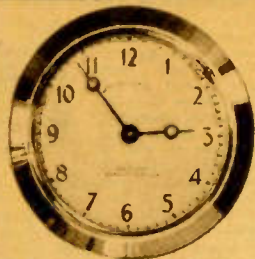
**V18156 - Your Cost \$2.45**

A beautiful streamline, non-automatic, tapered point iron with ebonized wood handle and heel rest. Genuine asbestos covered heater cord with plug and attachment cap. Highly polished chromium finish. Shpg. wt. 10 lbs.

**V18186 - Your Cost \$1.69**

## DEFROST-O-CLOCK

Defrost-O-clock is a combination of an automatic defroster and an electric clock all in one unit. Automatically operates a switch which turns off the power to refrigerator for a few hours each night. High grade electric clock with latest type of slow speed sub-synchronous motor. Chromium and jet black finish. Shpg. wt. 4 lbs.



**V18112 - Your Cost \$3.46**

## Polar-Cub Electric Whisk Broom

This new modern electric whisk broom makes the old fashioned whisk broom obsolete. Small, light and convenient, it creeps into all corners. Makes short work of cleaning clothes, upholstery, draperies, automobile interiors, etc. Very inexpensive yet extremely efficient. 110 V. A. C., D. C. Shpg. wt. 5 lbs.



**V18271 - Your Cost \$4.75**

## Hotpoint A-C-Matic Iron

Fast-heating, durable, economical 6 lb. iron. Fully automatic with a complete range of ironing heats for all types of materials. Has these outstanding features: Button-Saving Button-Nooks, Heelstand, Thumb-Rest, and the long-life Calrod heating element. Finished in enduring Chromeplate. Shpg. wt. 9 lbs.



**V18110 - Your Cost \$3.46**

## Marion "Chromecrest" Automatic Iron

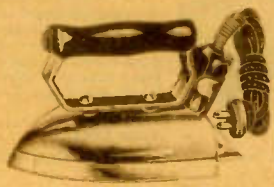
Unsurpassed for ease, speed and quality of ironing, we defy anyone to match this value! Think of it—an adjustable automatic. Four lb. Electric Iron for less than you would expect to pay for comparable quality in an ordinary iron. Exclusive in design, beautifully finished in Chromium Plate—the finish that never tarnishes. Element is insulated from sole plate with a sheet of first quality mica plate. Shpg. wt. 4 lbs.



**V18160 - Less Cord. Your Cost \$1.25**  
**V17702 - 6 ft. Cord. Your Cost \$1.50**

## Nonparal "De Luxe"

A De Luxe 6 lb. tapered point electric iron chromium plated. Constructed with a genuine "Chromalox" heating element and black rubberoid handle. Complete with heater cord and attachment cap. Shpg. wt. 9 lbs.



**V18189 - Your Cost \$1.35**

Same as above, but highly polished nickel plated.  
**V18210 - Your Cost \$1.25**

A 6 lb. nickel plated laundry iron with comfortable black finish handle and heel-rest. Porcelain heating element imbedded in special process cement. Tapered point, complete with heating cord, plug and attachment cap. Fully guaranteed for one year against all mechanical and electrical defects. Shpg. wt. 9 lbs.

**V18188 - Your Cost \$1.25**

## Electric Moth Fumigator



Keep it in your closet in the summer to safeguard your clothes and blankets and during the winter to prevent moths from habitating until the summer.

Just attach to electric. Two hours in 2 months sufficiently fumigates your closet. Contains enough chemicals for 60 hours operation. Operating expense is low in cost as it consumes same amount of current as 30 watt bulb.

**V18111 - Your Cost 95¢**



## Electric Razor Blade Sharpener



**\$4.86**

## Sealo Quick-Seal Cement

Apply to all your electric plugs or wherever wire connections are made. Wire cannot short or pull out. Makes car distributors waterproof and eliminates stalling. Applied cold, it is a tough, flexible, alcohol-proof, corrosion proof, heat resistant adhesive.



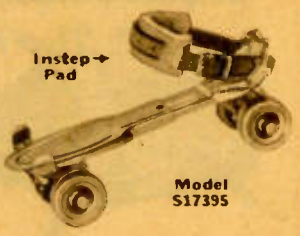
**P14711 - Your Cost \$1.50**  
Carton of 28 tubes \$2.75

An electrically powered sharpener gives a keen new edge to used blades and sharpens new blades to do a better shaving job. Open the lid, place the blade in position, close the lid and when the motor stops, remove the blade and place it in your razor. Sharpens any double-edge blade of the Gillette or Prokate type. Black lacquered aluminum case with aluminum design embossed on cover and sides. Equipped with 6 ft. rubber covered cord and molded rubber plug. For 60 cycle A. C. 105-125 volts, 3 1/2 x 2 1/2 x 3 1/4". Shpg. wt. 3 lbs.

**V18113 - Your Cost \$4.86**

## Globe Roller Skates

Constructed for endurance, these skates are a real joy for everybody. Note the following features: (1) Reinforced channel type chassis construction—16 gauge steel. (2) Double row ball bearing wheels of balloon type insure easier rolling. (3) Both front and rear trucks with hinge type mounting to chassis on rubber blocks. (4) Full leather straps with wool-skin Instep protectors. (5) Single length-adjustment and new design locking and adjusting key for toe clamps. (6) Projection-welded at all points—no rivets or bolts to rust and loosen. (7) Nickel-plated finish—rust-proof with red enameled inner shells on wheels. Shpg. wt. 6 lbs.



Instep → Pad

Model S17395

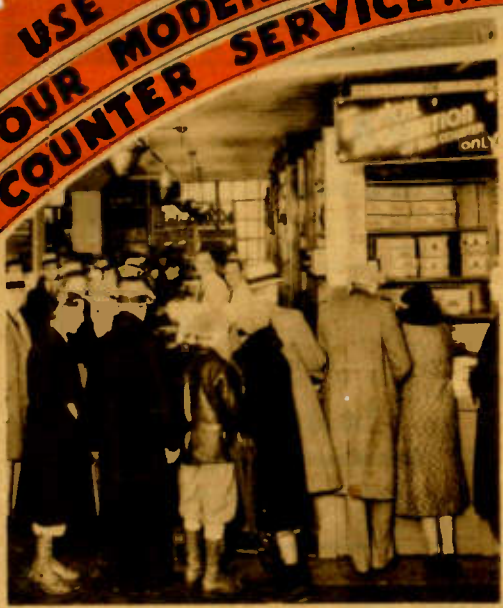
**S17395 - For Boys. S17396 - For Girls.**

**Your Cost \$1.59**

A skate of remarkably high quality for boys or girls. Double flange construction and satin nickel finish for long wear. Full rubber cushioned. No rivets used—all parts are projection welded. Adjustable from 7 1/2 to 9 3/4 inches. Shpg. wt. 6 lbs.

**S17397 - Your Cost 99¢**

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OUR MODERN  
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We will exchange or repair any merchandise returned to us that contains any mechanical or electrical imperfection in accordance with the R. M. A. guarantee.

We pledge ourselves to strict adherence to the guarantee of the Radio Manufacturers Association.

WHOLESALE RADIO SERVICE COMPANY, INC.

**30**

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Under the Lafayette 30-Day Free Trial Plan, all hazard is eliminated from radio-set buying. No longer do you have to gamble uncertainly on a receiver from its picture and description in a catalog, or from a demonstration staged under conditions altogether different from those in your own home. Order any Lafayette receiver in this catalog, try it in your own home for thirty

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If at the end of that time you are not absolutely convinced of the outstanding superiority of Lafayette, return the set and your money will be cheerfully and gladly refunded.

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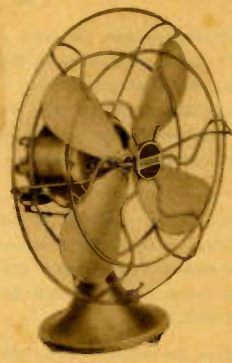
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**100 SIXTH AVE.**  
**CORNER GRAND ST. (ONE BLOCK ABOVE CANAL) NEW YORK, N.Y.**



# Quality Electric Fans Priced For Quick Clearance



## SIGNAL QUALITY FANS



### 10" Oscillating Fan

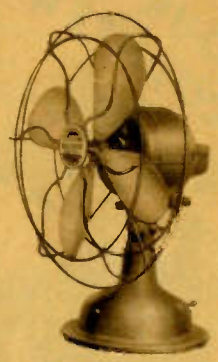
For service and satisfaction this fan cannot be surpassed. Almost a necessity in the home and office. A high quality fan offered to you at our price is a really remarkable value which is one of the many reasons why this fan is so popular. Its non-ratio interfering induction motor contributes largely to the demand for this popular, dependable, quality construction, 10" oscillating fan. Motor is built to provide years of satisfactory service with minimum attention. Has cast base, felt base pad, strong guard, three point toggle switch controlling two speeds, and 8 ft. cord with rubber plug. Is adjustable for desk or wall mounting, straight or oscillating operation. Air displacement 600 cu. ft. per minute. For 110 A. C. current, 50-60 cycle. Finished in a cool shade of green. Shpg. wt. 13 lbs.

V18250—Your Cost **\$6.68**

### 8" Oscillating Fan

Out of the hot sun into a cool room fanned by a Signal 8" Fan. The cool air brings renewed energy to all in the home, office and factory. Sturdily constructed with a Universal type motor. Has improved safety guard, adjustable cast iron base, felt base pad, one-speed toggle switch and 6 ft. cord with rubber plug. For 110 A. C. and D. C. current, 25-60 cycles. Air displacement 375 cu. ft. per minute. Finished in green lacquer. Shpg. wt. 5 lbs.

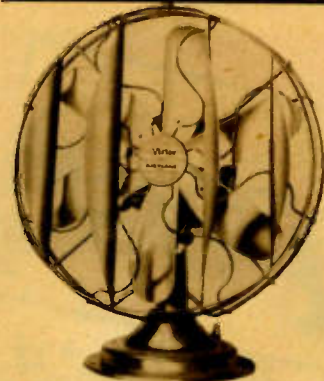
V18254—Your Cost **\$4.46**



### 8" Non-Oscillating Fan

Similar to above except that it is a Non-Oscillating Fan. Finished in black enamel with brass colored blades. Shpg. wt. 5 lbs.

V18255—Your Cost **\$3.09**



### Victor No. 4 Draft Fan

With the coming of hot, muggy weather, flagging energy and listlessness is only too apparent. This 12" fan equipped with rugged, dependable motor specially constructed with an oil impregnated bearing is guaranteed for **Five Years** which is proof of dependable performance. Induction type (A. C.) Motor does not cause radio interference. Equipped with three speeds and double duty base that can be adjusted to hang on wall. Its most amazing feature is the six blades fitted with patented Breeze Spreader which eliminates unhealthy and disagreeable drafts. Blades and guards are silvered in contrast to black

of base and motor. Shpg. wt. 15 lbs. V18257—List \$16.95. Your Cost **\$10.17**  
Similar to above fan, but with four blades and "on" and "off" switch. Entire fan is finished in Bronze, effecting a very rich and impressive appearance. Shpg. wt. 15 lbs. V18258—List \$13.95. Your Cost **\$8.37**

### Vidrio 8" Oscillating Fan

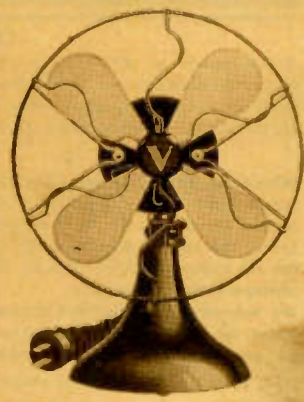
Bring cheer to flagging spirits in hot weather by the cool air delivered by this fan. Induction type (A. C.) motor with no radio interference—full free swing oscillator. Aluminum blades are covered by an 8" guard. Enameled guard and motor. May be had either in black base and black motor or onyx type base and ivory motor. Fan is guaranteed against all mechanical defects for one year. Overall height of fan is 12". For 110 volt A. C. current, 60 cycle. Complete with cord and plug. Shpg. wt. 8 lbs.

V18334—Your Cost **\$2.45**

### Vidrio 8" Non-Oscillating Fan

Similar to above fan except that it is non-oscillating and overall height is 11½". Shpg. wt. 7 lbs.

V18335—Your Cost **\$1.45**



### Cyclometer Electric Clock

The newest innovation, replacing old dial and hands with large numerals. Dialless electric clock is of die cast metal finished in black gloss enamel with nickel ball feet. Dial is covered by black and white glass. Indicator is rotating minute disc. Measures 4¼x3½x2¼". Complete with cord and plug. Shpg. wt. 3 lbs.



U18088—Your Cost **\$1.59**

Similar to above except with buzzer type alarm. U18086—Your Cost **\$1.95**

### Cyclometer Electric Clock

Tells time at a glance. A clock as new as it looks. Modernistically designed in Chromium plate with Chromium feet and is of die cast metal. Contrast is offered by black and white glass covering dial. Indicator is rotating minute disc. Measures 5x4¼x2¼". Complete with cord and plug. Shpg. wt. 3 lbs.



U18087—Your Cost **\$2.27**

Similar to above except with bell type alarm. U18088—Your Cost **\$2.60**

## ELECTRIC CLOCKS

Quality Higher—  
Prices Lower!



### "Executive" Cyclometer Electric Clock

An electric clock replacing dial and hands with large numerals. Time is read directly in hours and minutes, and second hand is replaced by rotating dial which indicates the time in seconds. Small Mazda lamp provides light to read time in dark. Is operated by small synchronous motor, connected by a gear arrangement to three revolving wheels having numerals indicating the time. No complicated moving parts and no oil or attention required. Of fine Brown Textolite (finer than Bakelite) with Oxidized Bronze decorative plate covered with glass. Size, 6½x4¼x3¾". Complete with cord and plug. Shpg. wt. 4 lbs.



U18080—Your Cost **\$6.95**



### Hostess Model Kitchen Clock

An attractive kitchen wall clock obtainable in green or ivory. Its beetle case has projecting outside metal rim at the back made of Nicalal (similar to chrome in appearance). Accuracy of operation is assured by sealed-in, full synchronous motor. Measures 7½x7½x2¼". Shpg. wt. 3 lbs.



U13081—Specify color Your Cost **\$3.33**

### GOTHIC Electric Boudoir Clock

A beautiful combination of black and nickel effect. Modernistically designed base, supporting gracefully shaped clock. Equipped with guaranteed LUX electric motor. Outer finish dial. Outline numerals with white center. Sweeping movement hand. Complete with cord and attachment plug. Size 3¼" high, 3" wide. Shpg. wt. 3 lbs.



U18071—Your Cost **95¢**

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