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!

**NO MAD**

• • •

$16.50
WITH TUBES

**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, airplain and amateur stations! It is extremely light and therefore portable, and can be used on any 110 volt current.

**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.


Lst $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 $.50.

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

LAFFAYETTE “Pigmy”

$14.95

TUBE

A.C.-D.C. SUPER-HET
REAL DYNAMIC SPEAKER

Midgit in size—prod 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—2525 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” tool. Measures only 5 1/2 inches deep, 7 3/4 inches high, and 11 inches wide. Finished in African walnut, with an attractive grille and escutcheon 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 M95 5 tube A.C.-D.C. “Pigmy”, 110-120 volts, 25-60 cycle, A.C. or direct current operation. Complete with tubes.

Code Rosel. Shpg. wt. 12 lbs. List Price $30.00. Your Cost $14.95

Genuine Suede Carrying Case. Fastened with zipper. $1.25. With snap button, $1.95.

Trutest 4 tube A.C.-D.C.
“COMPACT” with an
OVERSIZE DYNAMIC SPEAKER!

For the home, automobile, hotel, office, camp and farm. Imagine!
A real efficient receiver—employing all the latest tubes: 1—type 687 R.F. Amplifier; 1—type 607 Power Detector; 1—type 43 Power Pentode and 1—type 2525 Rectifier. Oversize dynamic speaker, 5 1/2 inches in diameter, assuring finest tone. Another Trutest development! All housed in a beautiful bur oak cabinet with marquetry inlay, measuring only 6 inches high, 5 inches deep and 9 1/2 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!


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—2525, 1—667, 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, varis. dial with tracking pilot light and speck dynamic 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 8 1/2 inches high, 11 1/2 inches wide and 7 3/4 inches deep.


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

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.

**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 Valles**—eliminates cross modulation and mysterious whistles.
10. **Enduring Construction**—all metal chassis lasts forever.

**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 lace-wood, it is the identical cabinet used for the Lafayette "Trio" Wave Set and is illustrated below.

**Model E-28**—Lafayette 10-Tube Dual Wave Superhetrodynce 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. 33 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. 41 lbs. Code Bronte. List: $100.00. Your Cost: $46.75.

**Model E-22**—Lafayette 10-Tube Dual Wave Superhetrodynce 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.


**LAFAYETTE 10 TUBE**

15 to 2,000 METERS SHORT, MEDIUM AND LONG WAVE

**TRIO WAVE SUPERHETERODYNE**

The new Lafayette 10-Tube "Trio" Superhetrodynce 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" Superhetrodynce 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. Your Cost, less Cabinet: $49.75.


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

PAGE 4
Three distinct receivers to choose from. Each a masterpiece in radio engineering. Truly a Truett triumph. For the camp, hotel, 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, taxi loud, airplanes, amateur stations, and all the other thrills that go with this phase of Radio, there is a separate model for these wave lengths. A receiver where there are stations operating on the long waves, 1000 to 2400 meters. Truett engineers have designed a receiver for this band. The Truett Chum is a friend of everyone.

**USES LATEST TUBES**
A four tube TRF set employing the latest R. F. pentode, 1-47 pentode power detector, 1-43 power output pentode, and 1-25Z2 receiver. Full 5” dynamic speaker. Calcium plated steel cabinet finished in biru walnut, and fashioned in the latest model, 9¾” wide, 5” high, 3¾” deep.

**Model S44**—Truett Chum, 175 to 555 meters, 110 volts D. C. or 110 volts A. C., 25-60 cycles. Complete with tubes. Code: Wam. Shpp. wt. 12 lbs. $9.95.

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**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**

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**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 contain the crowd of 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 11¾x12 inches. Can be operated from filament transformer and B batteries. Completely wired, less tubes, coils and power supply. Shpp. wt. 20 lbs. $26.46.

**Model No. 54—Same as above, except wave length range, 15 to 2000 meters only. Code: Wombo. List Price $17.50. Your Cost $13.75.**

**Model P34—Samie, as above, except wave length range, 200 to 2000 meters only. Code: Wamal. List Price $27.50. Your Cost $15.95.**

Genuine suede carrying case. With zipper $1.25, with button $0.95.

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**National Type SRR Super Regenerative Receiver**
A compact, efficient, three tube receiver employing a 36 screen Grid Regenerative Detector, 37 Interception Frequency Oscillator, and an 89 Periodic Audio Amplifier. Utilizes the latest type of regeneration designed for 5 meter work, the 56 and 60 M. C. band is spread over 75-150 circuit division and regeneration is constant over the entire scale. The Interception Frequency Oscillator is coupled to the screen grid of the detector, effectively eliminating any unessential radiation, air dielectric 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 11¾x12 inches. Can be operated from filament transformer and B batteries. Completely wired, less tubes, coils and power supply. Shpp. wt. 20 lbs. $26.46.

**Model No. 54—Same as above, except the air dielectric tuned I. F. transformers, Litz wire wound. List Price $17.50. Your Cost $13.75.**

**Model No. 54—Same as above, except the air dielectric tuned I. F. transformers, Litz wire wound. List Price $17.50. Your Cost $13.75.**

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**Hammarlund Air Tuned Intermediate Transformers**
Both I. F. transformers and oscillators employ air dielectric tuning condensers in connection with Litz coils for high 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 micro dielectric condensers that have a change of 2 percent or more in frequency. Designed for 56 and 58 type tubes but may also be used with 24” and 35” shield cans. Radios which can be used are the 24” and 35” shield cans. Radios which can be used are the 24” and 35” shield cans.

**Model No. 58**—No. 5877—AB

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**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. 25% more conductivity for H. F. currents. Newly designed bakelite ribbed forms reduce dielectric constant. Non-hydroscopic, more efficient and constant under all weather conditions. Complete set of four coils. Ship. wt. 3 lbs. $4.41.

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**Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog**
A LAFAYETTE
A COMPLETE ALL-ELECTRIC AUTO RADIO

Check these outstanding features carefully:

- ONLY 2 WIRES
- AUTOOMATIC VOLUME CONTROL
- ONLY 4.85 AMP. DRAIN
- SINGLE UNIT CONSTRUCTION
- NO DRY BATTERIES

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 75 advanced volume 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 .5 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.

List $69.50. Your Cost $28.50

Lafayette Remote Control for above set. 2.95
Shpg. wt. 6 lbs. N14235. List $7.50 Your cost Spark Plug Suppressor extra, 20c each.
Mallory-Elkon Auto "B" Eliminator
Develops sufficient unvarying "B" power for all auto sets. No rotary parts. Uses no tubes. Easily installed. Price $7.50 Shpg. wt. 21 lbs. NI4223—List $17.50 Your Cost $10.29

Approved for These Auto-Radio Sets
Approved Make and Model No. Make and Model No.
Mallory-Elkon Mallory-Elkon
AJX, 5 Tube Type 11-M Motorometer Type 12 C
AJX, 6 Tube 10 Motorola, 6 Tube 10
Atwater Kent, 81 11-CD Motorola, 7 T 38 10
Atwater Kent, 91 10-CA Motorola, 7 T 47A 10
Auto Life, 82 12 Motorola, 5 T 71 11 M
"Auto tone" (Republic) 10 Motorola, 5 Tube 11 M
Bose, 89 14 14
Bose, 89-20 14 Phileo, 3 12*
Cadillac, 7 Tube 11 C Phileo, 6 11 C
Colonial, 54 11 Phileo, 7 11 C
Colonial, 58 11 Phileo, 7 11 C
Crosley Amo, 91 13 "(38 Output Tube" 12 P
Crosley Amo, 95 12 C Phileo, 8 12 P
Crosley, 95 (38 Output Tube) 12 C R C A Victor, M 32 11 C
Crosley, 95 Republic, "Auto tone" 10
Crosley, 95, 96 11 C Roami, 91 13*
Crosley, 96, 98 11 Roami, 91 13*
Crosley, 98, 92 12 Sparkon, All 12 PC
Crescent 10 Sparkon, 34 10 ST
Emerson "Compact" 25A 14 Truetone, 6 Tube 11 M
Erla, 261 12 PC Truetone, 6 Tube 11 M
Gallbrumman, 6 Tube 11 C (Super-Het) 11 C
Gallbrumman, 7 Tube 11 Universal, 57 11
International 14 Universal, 77 11
International 14 Universal, 77 11
Majestic, 110 11 Wells Gardner, 6 Tube 11 C
Majestic, 114 11 Wells Gardner, 7 Tube 11 C
* Mallory "A" Choke Required—Your Cost $2.96

Auto Ignition Silencer Kits
To suppress the radio-frequency disturbances picked up by the automobile radio set from the ignition system of car. Nautically packed in attractive boxes. Each set has one generator condenser in lexiproof metal cylinder, one distributor resistor and one spark plug resistor for each cylinder. Each part of very best quality. 1/2 condenser on 4-cylinder engine, 1 condenser on 6 and 8 cylinder kit.
ES260—Four cylinder. List $3.25 $1.30 Your Cost
ES261—Six cylinder. List $4.50 $1.75 Your Cost
ES282—Eight cylinder. List $6.50 $2.20 Your Cost
ES284—Special Set of 8 suppressors for Ford V8 Cars. $2.20 Your Cost
ES278—Single Spark Plug Suppressor. List 40c Your Cost 20c
ES279—Single Distributor Suppressor. List 40c Your Cost 20c

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 letters. Shpg. wt. 2 1/2 lbs.
NI4236—Complete with 30" flexible shaft and one coupling. Your Cost Each
NI4237—Universal Coupling. 15c
NI4238—Additional cable per ft. 36c
NI4239—1/4" steel rod, per ft. 96c
Your Cost Each

Hercules Car Antenna
Closely woven copper-chrome-nickel plated wire suspended on rigid frame. More sensitive in most cases except roof type. Impossible to short or ground. Rubber splash guard furnished. Shpg. wt. 5 lbs. $1.60

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 alternator current is not available. Unit consists of 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 1/4 x 3 x 3 1/2". Can be easily installed in any car or boat. Guaranteed for proper operation. $16.46
NI4227—Your Cost
NI4228—150 watt; 12 volt, 12 amperes. Your Cost $25.35

Premier "B" Power Unit
Improved "B" Power Unit, perfect replacement for all receivers using 12" batteries having a drain not in excess of 30 M. A. Especially adaptable for Auto and Motor-bott Sets. Delivers 180 volts. Has a very good "A" current drain of approximately 2 amperes, and uses the very best type rectifier. Furnished with Universal Mounting Bracket and can be mounted anywhere, opened at any position. Size 3 1/2" deep, 6 1/2" high, 6 1/2" wide. Shpg. wt. 8 lbs.
PI4201—Your Cost $6.90

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 letters. Shpg. wt. 2 1/2 lbs.
NI4236—Complete with 30" flexible shaft and one coupling. Your Cost Each
NI4237—Universal Coupling. 15c
NI4238—Additional cable per ft. 36c
NI4239—1/4" steel rod, per ft. 96c
Your Cost Each

Auto DX Aerial
This Auto Aerial has proven most reliable in many installations where unsatisfactory results were obtained with other type antennas. It has an exceptionally good pick-up, resulting in more volume, clearer reception and with less interference. Has a solid zinc plate 34" x 34" with rolled edges, and it installs completely out of the way. Finishes with 10 ft. rubber covered lead in wire, and all necessary accessories complete. Fits all makes of cars. Shpg. wt. 5 lbs. $1.10
RI7126—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 1/2 x 1 1/2 x 4". Uses the latest type motor and generator. Will carry up to 25% overload. Is fool-proof. Shpg. wt. 17 lbs.
For 6 Volt Auto "A" Battery Supply Stock Output Inter-A Batt. Your Volts Your Drain Cost
"Kadette" 220 200 9.50
"Pilot 209" 180 90 5.97
"Pilot 209" 180 90 None 3.87
For 32 Volt Lighting Plants
For Sound Truck Equipment
Your Cost

Radiant "B" Battery Eliminator
Convenient size makes it most adaptable to install anywhere in the car. In full-wave operated, increasing its efficiency in combination with freedom from radio frequency disturbances. Airing of these points has been entirely eliminated insuring exceptio- nally long life. Maximum output of 180 volts at 50 milliamperes, more than ample for most set requirements. Free from hum: quiet in operation; 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. $9.26
PI4203—Your Cost

HAVE YOU ORDERED COMPLETE CATALOG No.54? IF NOT, SEND FOR IT.
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.

**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. Lafayette are "FIRSTS" — 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.

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

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WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave., New York
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**Wholesale Radio Service Company takes pleasure in announcing its appointment as Distributor for GENUINE PHILCO TUBES.**

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**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 SHALL FAIL DURING SIX MONTHS IT WILL BE CHEERFULLY AND PROMPTLY REPLACED WITHOUT QUESTION. 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!
**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 control 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, 4½" deep, 6½" high, over-all. Drive shaft extends 2½" from housing including gear; center of gear is 25½" 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.

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.

**With Remote Control**

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 19 K. C. selectivity, without side band cutting, or suppression. The new high gain R. F. and detector periods, as well as very high gain Litw 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 17½" wide, 8" high, and 8½" deep. Shpg. wt. 50 lbs.

Lafayette Remote Control Tuner, supplied as illustrated above.

**WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave., New York**
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 enjoyed without the risk of 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 Bakedite spiral cut gears. Over-sized and lubricating bearings. Will not overheat in closed cabinets. 10" turntable. Heavy molded and finished needle indicator. Hardware nickel plates. Automatic stop available at optional extra cost.

Shpg. Wt. 15 lbs.

A100 - Two Speed Motor for 105-120 volt, 50-cycle AC. 
Your Cost: $8.75

A102 - Single Speed, 78 R. P. M. Motor.
Your Cost: $6.95

---

**Direct Current Motors for 110 Volts**

A101 - Two Speed Motor same as our No. A100, but for $14.25

A101 - Single Speed, 78 R. P. M. Motor same as our No. A102, but for D.C. current. 
Your Cost: $11.95

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

A121 - For 110 volt D. C. operation.
Your Cost: $17.50

---

**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.

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**Lafayette Model 25**

A very efficient two-button Lafayette Recording Motor which will give entirely satisfactory service on 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, 1/4 inch thick. Shipping weight 4 lbs.

M13420 - Last Price $25.00.
Your Cost Each: $10.95

---

**Tru-test Shielded Microphone Cable with Heavy Cast Aluminum Locking Connectors**

1/8" diameter. This shielded cable of finest grade materials, encloses 7 conductors of No. 18 Stranded Copper each insulated with rubber jacket, covered with waxed cotton. Each covering is bonded for easy tracing. Heavy vulcanized gum rubber covering. Cable very flexible; will stand severe service. Fitted with 7 wire connecting plugs. Used for all public address work, both in and outdoor. Shpg. wt. 18 lbs.

Q16110 - Your Cost per Cable with Plugs: $6.50

---

**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 "feedback" and other noises. In this case, one has but to reduce current to two or three milliamperes per button and speak directly into the microphone. This instrument operates best at from four to eight milliamperes per button. Limit of guarantee, ten milliamperes per button. The total resistance is 3000 ohms D. C. or 600 ohms D. C. per button. It has heavy frequency range of 60 cycles to 6000 cycles. Diameter over all, 3 1/4". Thickness over all 1 1/4". All units are nickel plated. Shpg. wt. 21/2 lbs.

M13423 - Last Price $25.00.
Your Cost Each: $14.70

---

**Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog**
New 2A3 Lafayette De Luxe Push-Pull Amplifier

15 Watts

Loftin-White Tool

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. Nom-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 525 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 field. Two 2500 ohm loads 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. P1572 - Lafayette Loftin-White 2A3 Push-Pull Amplifier, assembled and wired. Less tubes and speaker. Dimensions 12" wide, 7" deep, and 7½" high. Shpg. wt. 60 lbs.

Your Cost

P1572 - Lafayette Loftin-White 2A3 Push-Pull Amplifier with output transformer to 5-15 ohm voice coil, and 500 ohm line. $24.75

P1573 - Kit of Matched RCA or Arcturus tubes, consisting of 1-57, 1-3Z4, 2-2A3. $26.95

Your Cost

P1577 Complete amplifier with RCA or Arcturus tubes, consisting of 1-57, 5-58h, 1-83. $6.55

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, in 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 50,0000 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 59h 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 fierce the normal current to which they are subjected under full load. These husky units each measure 6¾ x 8½.

P15760 Lafayette Class "B" Amplifier, completely assembled and wired for 100-150 volts, 50-60 cycles A.C., less tubes and loud speakers. Dimensions: 11½" deep, 20" long, 10" high. Shpg. wt. 61 lbs.

List Price $57.50

Your Cost

P1577 Complete amplifier with RCA or Arcturus tubes, consisting of 1-57, 5-58h, 1-83. $42.50

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 has 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 83 supplying plate current. The output of 3¼ 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. Microphone current is furnished by dry cells in a box next to the amplifier.

A gain control on the slide 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

Your Cost

P1576 Complete with RCA or Arcturus tubes, consisting of 1-57, 1-2A5, 1-83, RCA or Arcturus make. $37.25

WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave., New York
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 harmless 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, oversized 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.

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 1/2" 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 is 3 1/2 watts. Actually these two tubes do the work formerly done by four tubes! A type 523 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 "electricify" 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.
P15795—Lafayette Two-Stage Amplifier only, 6 tubes. Shpg. wt. 15 lbs.
Your Cost $9.75
P15797—Complete Amplifier with tubes consisting of 1-57, 1-2A5, 1-83.
Your Cost $12.57
Special Matched 84 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 unquestioned gain of 85 db. Six tubes are used: one type 56 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 Reaxon unit with a triple connector for three horns. The whole unit measures only 10 1/2" wide, 8 3/4" 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.
P15761—Lafayette Six-Volt Amplifier, 6 tubes, microphone or speaker. Shpg. wt. 30 lbs. List Price $53.00
Your Cost $59.50
P15762—Complete with tubes, consisting of 1-56, 3-89s. Shpg. wt. 36 lbs.
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
Supreme Radio Set Analyzer
Model 333

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 test 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, choke, 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 0-20-60-150 V.D.C. volts, 0-10-100 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 3/4 x 5 3/4 x 3 1/2. Cover is removable.

$14.70

K11026 List Price $25.00 Your Cost

No. 731 — Set analyzer is a new and up to the minute set and tube tester. Similar to No. 710 except with new Triplet 2" precision D.C. voltmeter with 1000 ohms per volt readings. Voltage scale of 0-15-60-300-600. Charts furnished so this meter can be used to test resistance up to 268, 584 ohms with 4 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.

$22.05

K11152 List Price $37.50 Your Cost

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 1/4 x 13 1/4 x 4 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 3/4 x 7 x 2 3/4". Shpg. wt. 10 lbs.

$17.64

K12013 List Price $30.00 Your Cost

No. 611 — This tester contains the same equipment as No. 710 but panel and equipment arranged in separable tray similar to No. 710.

$24.99

K11163 List Price $42.50 Your Cost

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 70 tubes with 12 sockets. Provides individual tests of the Triode and Diode plates of tube 247, 6A7, 55 and 85. Two separate panels of 79 and 54 also of new 2325, 84, KR118 and 525. A push button provides two plate readings for determining the conductance and worth of a tube. Shipping weight 1 lb. 14 oz. A.C. Model. Shpg. wt. 8 lbs.

$14.70

K11164 List Price $25.00 Your Cost

No. 505 Ohmmeter

A new resistance measuring instrument with Triplet 2" precision meter. Equipped with 1.5 volt battery. Scale reading 50,000 ohms. Shipping weight 1 lb.

$7.06

K11161 List Price $12.00 Your Cost

Additional Resistors for Higher Readings

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Resistance (ohms)</th>
<th>Full Scale</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K11168</td>
<td>1500</td>
<td>3</td>
<td>100,000</td>
</tr>
<tr>
<td>K11169</td>
<td>5000</td>
<td>4 1/2</td>
<td>150,000</td>
</tr>
<tr>
<td>K11170</td>
<td>21000</td>
<td>22 1/2</td>
<td>750,000</td>
</tr>
<tr>
<td>K11171</td>
<td>43500</td>
<td>45</td>
<td>1.5 meg.</td>
</tr>
</tbody>
</table>

$39.69

K10978 List Price $67.50 Your Cost

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 50 volts including tripler types. Tests for gas. Six 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.

$28.91

K10955 Your Cost

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 155 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 range .01 to 2 mfd. The meter is the highest type jeweled 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 probe, clips, batteries and tube. Shpg. wt. 17 lbs.

$38.71

K10956 Your Cost

WHOLESALE RADIO SERVICE CO. INC. - 100 SIXTH AVE. NEW YORK
Trusted Power Transformers truly deserve the popularity accorded them by 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 Trusted Power Transformers possess a higher rating than any transformers of their kind. You have the protection of a higher safety factor when using Trusted Power Transformers. In order for a service organization to be profitable it must supply customers with guaranteed quality. Trusted Power Transformers as replacements, your customers will be assured of long and satisfactory operation. Furnished in both flush and horizontal types in the large variety of sizes given below, these transformers should prove applicable to most on the market. Even power transformers of current model receivers using the 92 rectifier can be replaced with Trusted Power Transformers of the flush mounting type. Experimenters and set builders will find in Trusted 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 base, the slight elevation permitting air circulation under cases. The Flush Mounting Types designed for use with the 92 rectifier should prove of special interest to these Experimenters and Set Builders wishing to make use of this latest type tube.

### For Short-Wave Converters

- **MOUNTING AREA**: 3x3".
- **MOUNTING DIMENSIONS**: 21x21/2".
- **PRIMARY**: 110 volts, 50-60 cycles.
- **SECONDARIES**: (1) 600 volts C. T. 50 M. A. (plate).
- **Shipping weight 3 lbs.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1500</td>
<td>$1.15</td>
</tr>
<tr>
<td>4C1501</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

### 4 Tube Midget Receivers

- **MOUNTING AREA**: 3x3".
- **MOUNTING DIMENSIONS**: 21x21/2".
- **PRIMARY**: 110 volts 50-60 cycles.
- **SECONDARIES**: (1) 600 volts C. T. 50 M. A. (plate).
- **(2) 2 1/2 volts 3 amps. C. T. (heater and 1 power tube).**
- **(3) 5 volts 2 amps. (one 280 filament) or 2 1/2 volts 3 amps. (one 282 filament).**
- **Shipping weight 3 lbs.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1490 Using 280 Rectifier</td>
<td>$0.95</td>
</tr>
<tr>
<td>4C1491 Using 82 Rectifier</td>
<td>$1.05</td>
</tr>
</tbody>
</table>

### Horizontal Mounting Type

Same tube characteristics as above. Size 3x3x1 1/2 x3/4". Mounting centers 1 1/2 x1/2".

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1502 Using 280 Rectifier</td>
<td>$1.05</td>
</tr>
<tr>
<td>4C1502 Using 82 Rectifier</td>
<td>$1.05</td>
</tr>
</tbody>
</table>

### 5 and 6 Tube Receivers

For Two or Four 2 1/2 Volt Heater Tubes, One 2 1/2 Volt Power Tube and One 280 or 282 Rectifier

- **MOUNTING AREA**: 3x3".
- **MOUNTING DIMENSIONS**: 21x21/2".
- **PRIMARY**: 110 volts 50-60 cycles.
- **SECONDARIES**: (1) 600 volts C. T. 50 M. A. (plate).
- **(2) 2 1/2 volts 3 amps. C. T. (heater and 1 power tube).**
- **(3) 5 volts 2 amps. (one 280 filament) or 2 1/2 volts 3 amps. (one 282 filament).**
- **Shipping weight 3 lbs.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1492 Using 280 Rectifier</td>
<td>$1.38</td>
</tr>
<tr>
<td>4C1493 Using 82 Rectifier</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

### Horizontal Mounting Type

Same tube characteristics as above. Size 3x3x1 1/2 x3/4". Mounting centers 1 1/2 x1/2".

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1504 Using 280 Rectifier</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

### Class B Power Transformer

For Public Address Systems - High Power - Low Cost for 7 Heater Tubes: 3-465, and 1-83 Rectifier

The release of the Type 46 Double Grid Tube and the Type 83 Merit Rectifier makes possible the construction of an amplifier that will deliver twice as many watts or more of audio power at very reasonable cost. In order that full power may be obtained with negligible distortion, it is extremely important that the power supply be 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

Trusted Power Transformers, carefully selected. Maker of the best of its kind. Insulated for the finest quality. Can be operated at its full rated output without heating or any drop in voltage.

- **MOUNTING AREA**: 4x4x1/2".
- **MOUNTING DIMENSIONS**: 3x3x1/2".
- **PRIMARY**: 120 volts, 50-60 cycles.
- **SECONDARIES**: 580-580 volts at 175 M. A.
- **Shipping weight 10 lbs.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1516</td>
<td>$4.75</td>
</tr>
</tbody>
</table>

### For Use With the New Type Tubes

- **Up to 8 Heater Type Tubes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1509</td>
<td>$2.25</td>
</tr>
<tr>
<td>C1510</td>
<td>$2.40</td>
</tr>
</tbody>
</table>

- **2 of the New 2A3 Power Tubes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1507</td>
<td>$1.75</td>
</tr>
<tr>
<td>C1508</td>
<td>$1.85</td>
</tr>
</tbody>
</table>

6 Tube Receivers

- **PUSH-PULL POWER TUBES**

For Three 2 1/2 Volt Heater Tubes, Two 2 1/2 Volt Power Tubes and One 280 Rectifier

- **MOUNTING AREA**: 3x3x1/2".
- **MOUNTING DIMENSIONS**: 21x21/2".
- **PRIMARY**: 110 volts, 50-60 cycles.
- **SECONDARIES**: (1) 600 volts C. T. 50 M. A. (plate).
- **(2) 5 volts 2 amps. (280 filament).**
- **(3) 2 1/2 volts 3 amps. (282 filament).**
- **Shipping weight 8 lbs.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1505 Using 280 Rectifier</td>
<td>$1.75</td>
</tr>
<tr>
<td>4C1506 Using 82 Rectifier</td>
<td>$1.85</td>
</tr>
</tbody>
</table>

### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers 3x4x1/2".

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1507 Using 280 Rectifier</td>
<td>$1.95</td>
</tr>
<tr>
<td>4C1508 Using 82 Rectifier</td>
<td>$2.10</td>
</tr>
</tbody>
</table>

7 and 8 Tube Receivers

For Four or Five 2 1/2 Volt Heater Tubes, Two 2 1/2 Volt Power Tubes and One 280 or 282 Rectifier

- **MOUNTING AREA**: 3x3x1/2".
- **MOUNTING DIMENSIONS**: 3x3x1/2".
- **PRIMARY**: 120 volts, 50-60 cycles.
- **SECONDARIES**: (1) 600 volts C. T. 50 M. A. (plate).
- **(2) 5 volts 2 amps. (280 filament).**
- **(3) 2 1/2 volts 3 amps. (282 filament).**
- **(4) 2 1/2 volts 3 amps. (282 filament).**
- **Shipping weight 8 lbs.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1509 Using 280 Rectifier</td>
<td>$1.95</td>
</tr>
<tr>
<td>4C1510 Using 82 Rectifier</td>
<td>$2.10</td>
</tr>
</tbody>
</table>

### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers 3x4x1/2".

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C1507 Using 280 Rectifier</td>
<td>$2.25</td>
</tr>
<tr>
<td>4C1508 Using 82 Rectifier</td>
<td>$2.40</td>
</tr>
</tbody>
</table>
RCA Victor Models R-50, R-55, RE-20, RE-59 and RAE-79
General Electric H-32, H-72

Graybar Model GB-100

Original replacement, Supplies voltages for 7 heater tubes, 2-74s and 1-80. Shipping weight 15 lb.

Your Cost $3.95

RCA Victor Models R-111, and 18-A, RAE-20, 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. 2-74s and 1-80. Shipping weight 9 lb.

Your Cost $3.95

RCA Victor R-7 "Superette"

General Electric S-22

Graybar 8 Midget

Similar in appearance to above. An exact duplicate of the original transformer. Supplies filament and plate voltages for the following tubes: 2-38s; 2-74s; 1-24; 2-41s and 1-80. This transformer is made from the finest quality merchandise. Shipping weight 7 lb.

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 or 60 cycle.

C2112 Last $8.00

Your Cost $3.50

Same as above, except 110 v. 25 cycle. Part No. 8776.

C2113 Last $12.00

Your Cost $5.25

Same as above, except 220 v. 50-cycle.

Part No. 8771.

C2114 Last $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

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 lb.

C2157 Your Cost $9.25

For 110-120 volt, 25 cycle. Shipping weight 29 lb.

C2198 Your Cost $14.45

Radiola Model 41

These are the genuine RCA power transformers for use with this receiver. Supplies filament and plate voltages for 4-25s; 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 lb.

C2159 Your Cost $2.50

For RECEPTOR PACK, mounting brackets. RCA No. 8405. Shipping weight 7 lb.

C2160 Your Cost $3.75

Your Cost, Either Type

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 1-86 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 lb.

C2145 Your Cost $3.95

Radiola Models 17, 18, 33, 50, 51

Brunswick 2KRO, 3KRO, 3KR6, 5KR, 5KRO, 5KR8; Victor 7-11, 7-25, 7-26, 17-81; Graybar 311

RCA PART NO. 8335


Your Cost $1.45

Part No. 8340. 25 cycle operation. Genuine replacement. Shpg. wt. 11 lbs.

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 $3.25

Radiola Models 60 and 62

Brunswick 3NC-8, 5NC-8

Graybar Model 340

Part No. 8344. Exact duplicate of the original. 35-50 cycle. Shpg. wt. 15 lbs.

C2153 Your Cost $2.75

Part No. 8356. Exact duplicate of the original. 25 cycle operation. Shpg. wt. 12 lbs.

C2151 Your Cost $4.45

Radiola Model 66

Graybar Model 600

Part No. 8483. Exact duplicate of the original. 35-50 cycle. Shpg. wt. 13 lbs.

C2154 Your Cost $2.75


C2193 Your Cost $4.95

Radiola Models 80, 82, 86

Graybar Models 700, 770, 900

General Electric HS1, 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.

C2156 Your Cost $1.65

Part No. 10915. Genuine replacement. 25 cycle operation. Shpg. wt. 18 lbs.

C2442 Your Cost $3.25

RCA B1-Acoustic R-78

General Electric J12S

Replacement Part No. 8913.

C2116 Last $12.00. Your Cost $4.75

RCA Victor Models R-71, R-72

G. E. J-3 SERIES

Replacement Part No. 8918.

C2117 Your Cost $3.25

RCA PART NO. 7560

Replacement Part No. 7560.

C2118 Your Cost $2.50

R. 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 by Atwater-Kent receivers. Herefore serv-
eremen have had to accept makehit packs assembled from
cleared 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. Phonograph
of hook-up furnished with each unit.

For Models 40, 56 and 57
Shipping weight 17 lbs.
B1361 Your Cost $4.95

For Models 42, 44, 45 and 52
Shipping weight 17 lbs.
B1376 Your Cost $4.95

For Models 43, 46, 47 and 53
Shipping weight 19 lbs.
B1375 Your Cost $7.25

Trutest Condenser Blocks

For "B" Eliminators

Super "B" Master "B"

Special Master "B"

For A.K. 37 and 38

$1.85

These blocks, built to the exact specifications of the originalst contain filter condenser block and 3 chokes, two high voltage filter chokes and a speaker choke. By placing an order for a
large quantity of these units we are in a posi-
tion to bring the Service men a thoroughly reli-
able unit for about the same price others are
asking for surplus and deteriorated materials. These are brand new and Guaranteed. Why
not give a chance with others? Ship. wt. 7 lbs.
B1378 Your Cost Each $1.85

Trutest Universal Replacement Power Transformers
Built for Extra Heavy Duty Service
The most complete line of universal replace-
ment power transformers, with flexible tube
connections and adjustable mounting frames that permit an adequate range of mounting
adjustments for all practical purposes. They are so ingeniously designed and 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.

Physical Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>C146</td>
<td>2 1/8</td>
<td>3 1/8</td>
<td>3 1/8</td>
<td>2 1/8</td>
<td>3 1/8</td>
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<td>3 1/8</td>
<td>2 1/8</td>
<td>3 1/8</td>
<td>3 1/8</td>
</tr>
<tr>
<td>C1477</td>
<td>2 1/8</td>
<td>3 1/8</td>
<td>3 1/8</td>
<td>2 1/8</td>
<td>3 1/8</td>
<td>3 1/8</td>
</tr>
</tbody>
</table>

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
materials, construction and workmanship is used in
the manufacture of these products. No clipping,
no border line ratings. Especially built over-
size to afford a large safety factor. Equipped
with soldering lugs mounted on a fibre strip.

For 6-227's, or 224's, 1-245 or 247, 1-260.
Primary: 110 volts 50-60 cycles.
Secondary: (1) 700 volts C. T. 70 M. A. (plate)
(2) 5 volts C. T. 2 amps. (1-245 filament)
(3) 2.5 volts C. T. 1.6 amps. (1-245 or 247 fil-
ament)
(4) 2.5 volts C. T. 8.75 amps. (5-227 or 224's
filament). Shipping weight 6 lbs.

C1477 Your Cost $2.20
For 110 volts 50-60 cycles.

C146 Your Cost $3.95
For 7-227's, or 224's, 2-245's or 247's, 1-260.
Primary: 110 volts 50-60 cycles.
Secondary: (1) 700 volts C. T. 110 M. A. (plate)
(2) 5 volts C. T. 2 amps. (1-245 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 Your Cost $4.50

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

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 de-
gined, and carefully built to give long and
satisfactory service.

For Models 78P6
(Sets with 171 Type Tube)
Size 85 x 234 x 14". Shipping weight 6 lbs.
B1069 Your Cost Each $1.65

For Models 98P6
(Sets with 254 Type Tubes)
Size 85 x 234 x 14". Shipping weight 4 lbs.
B1067 Your Cost Each $1.95

For Majestic "A" Eliminators
Size 3/8 x 43 x 74/". Shipping weight 4 lbs.
B843 Your Cost Each $2.45

For Majestic 811P6
(1000 volt test Condensers. Size 85 x 234 x 14"
Shipping weight 6 lbs.
B1069 Your Cost Each $3.75

For Majestic 811A
(1) 570 volts C. T. 70 M. A. (plate)
(2) 5 volts C. T. 1.4 amps (2-171A filament)
(3) 5 volts C. T. 1.75 amps. (1-227 filament)
(4) 5 volts C. T. 1.54 amps. (2-171A's filament)
(5) 3.5 volts 6.5 amperes. (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, 2-224's, 2-245's, 1-260.
Primary: 110 volts 50-60 cycles.
Secondary: (1) 570 volts C. T. 70 M. A. (plate)
(2) 5 volts C. T. 2 amps. (1-280 filament)
(3) 5 volts C. T. 1.4 amps. (2-171A's filament)
(4) 5 volts C. T. 1.75 amps. (1-227 filament)
(5) 3.5 volts 6.5 amperes. (6-226's filament)
Shipping weight 6 lbs.
10 volts 50-60 cycles.

C1463 Your Cost $2.75
For 110 volts 25 cycles. Shipping weight 10 lbs.

C1464 Your Cost $3.95
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: 2-26s, 1-27, 2-71A, 1-80. Size 5 x 3 3/4 x 4 1/2. 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. Ship wt. 6 lbs.

C2440 Your Cost $3.95

Power Transformer for 4 and 5 Tube Receivers

Here is a midget power transformer that can be used for replacement in any of the 4 and 5 tube midget receivers. Flush mounting type. Has the following windings: 300-volt winding for 3 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 16 lbs.

C2212 Your Cost $4.25

Bosch Power Transformers

Model 28

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

C2254 Your Cost $2.95

Steinite Replacement Power Pack

Models 261, 262


B942 Your Cost, Special $5.85
## Replacement Power Transformers - Continued

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRED</td>
<td>55 and 56</td>
<td>C2284</td>
<td>$2.70</td>
</tr>
<tr>
<td>65, 78, 79, 90 and 95</td>
<td>C2287</td>
<td>3.95</td>
<td></td>
</tr>
<tr>
<td>65, 79, 90 and 95, coil only</td>
<td>C2288</td>
<td>3.95</td>
<td></td>
</tr>
<tr>
<td>FRED-EISEMANN</td>
<td>NR-57 and NR-60</td>
<td>C2285</td>
<td>$3.75</td>
</tr>
<tr>
<td>NR-80</td>
<td>C2323</td>
<td>3.90</td>
<td></td>
</tr>
<tr>
<td>NR-85</td>
<td>C2324</td>
<td>3.95</td>
<td></td>
</tr>
<tr>
<td>Models NR-11 411 Pack</td>
<td>C2323</td>
<td>6.50</td>
<td></td>
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<tr>
<td>FRESHMAN</td>
<td>&quot;Q&quot;, 60 cycle</td>
<td>C2253</td>
<td>$1.95</td>
</tr>
<tr>
<td>&quot;Q&quot;, 25 cycle</td>
<td>C2271</td>
<td>4.95</td>
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</tr>
<tr>
<td>&quot;QD&quot;, 25 cycle</td>
<td>C2245</td>
<td>4.95</td>
<td></td>
</tr>
<tr>
<td>&quot;ERAC&quot;, 60 cycle</td>
<td>C2308</td>
<td>4.85</td>
<td></td>
</tr>
<tr>
<td>C-60-S Plate Transformer</td>
<td>C2331</td>
<td>2.25</td>
<td></td>
</tr>
<tr>
<td>Amplifier Transformer (1-281 1-210)</td>
<td>C2313</td>
<td>2.35</td>
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<tr>
<td>N-60-S Power Supply, 60 cycle</td>
<td>C2333</td>
<td>2.55</td>
<td></td>
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<tr>
<td>N-60-S Power Supply, 25 Cycle</td>
<td>C2314</td>
<td>5.50</td>
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<tr>
<td>&quot;EAC&quot;</td>
<td>C2349</td>
<td>4.70</td>
<td></td>
</tr>
<tr>
<td>Model H Plate Transformer</td>
<td>C2436</td>
<td>5.95</td>
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</tbody>
</table>

## GENERAL ELECTRIC

See RCA Listing on Page 16.

## GENERAL MOTORS

| "A" Chassis, 120, 130, 140, 160 | C2778 | $3.65 |
| MA and MB Chassis for 110, 180, 190 | C2721 | 3.50 |
| 283, 254, 255, 256, 257, 258 | C2222 | 4.50 |

## Replacement Power Transformers - Continued

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRAYBAR</td>
<td>311, 60 cycle</td>
<td>C2350</td>
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<tr>
<td>311, 25 cycle</td>
<td>C2351</td>
<td>3.25</td>
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</tr>
<tr>
<td>500 and 550, 60 cycle</td>
<td>C2352</td>
<td>2.95</td>
<td></td>
</tr>
<tr>
<td>500 and 550, 25 cycle</td>
<td>C2352</td>
<td>2.95</td>
<td></td>
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<tr>
<td>340, 60 cycle</td>
<td>C2353</td>
<td>2.45</td>
<td></td>
</tr>
<tr>
<td>340, 25 cycle</td>
<td>C2354</td>
<td>2.45</td>
<td></td>
</tr>
<tr>
<td>678, RC-3, 60 cycle</td>
<td>C2355</td>
<td>1.50</td>
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<tr>
<td>678, RC-3, 25 cycle</td>
<td>C2343</td>
<td>1.50</td>
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<tr>
<td>678, RC-3, 220 volt</td>
<td>C2444</td>
<td>4.75</td>
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<tr>
<td>680, 60 cycle</td>
<td>C2354</td>
<td>2.25</td>
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<tr>
<td>600, 25 cycle</td>
<td>C2351</td>
<td>3.95</td>
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</tr>
<tr>
<td>600, 250 cycle</td>
<td>C2357</td>
<td>4.10</td>
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<tr>
<td>Graybarrette No. 4, 60 cycle</td>
<td>C2315</td>
<td>1.35</td>
<td></td>
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<tr>
<td>Graybarrette No. 4, 25 cycle</td>
<td>C2315</td>
<td>1.35</td>
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<tr>
<td>Graybarrette No. 4, 220 volt</td>
<td>C2346</td>
<td>5.70</td>
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<tr>
<td>GB-9, 60 cycle</td>
<td>C2389</td>
<td>3.95</td>
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<tr>
<td>GB-9, 25 cycle</td>
<td>C2349</td>
<td>5.25</td>
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<tr>
<td>GB-9, 220 volt</td>
<td>C2369</td>
<td>5.25</td>
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<tr>
<td>GB-100, 60 cycle</td>
<td>C2391</td>
<td>3.95</td>
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## Grebe

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SK-4</td>
<td>C2235</td>
<td>$3.40</td>
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<tr>
<td>HS-4</td>
<td>C2223</td>
<td>2.90</td>
<td></td>
</tr>
<tr>
<td>AC-4</td>
<td>C242</td>
<td>4.95</td>
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## Balustrate Series

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series 63, 6C-6</td>
<td>C2236</td>
<td>$7.20</td>
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<tr>
<td>AC-8</td>
<td>C2237</td>
<td>6.40</td>
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<tr>
<td>&quot;C&quot; in Line</td>
<td>C2238</td>
<td>7.06</td>
<td></td>
</tr>
<tr>
<td>Champion Jr., 7 tube</td>
<td>C2239</td>
<td>6.33</td>
<td></td>
</tr>
<tr>
<td>Series 13, 7 tube</td>
<td>C2240</td>
<td>3.38</td>
<td></td>
</tr>
<tr>
<td>Series 30, 6 tube</td>
<td>C2241</td>
<td>5.25</td>
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## Hammerlund

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
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<th>Your Cost</th>
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<tbody>
<tr>
<td>High Q 30 Transformer-Choke</td>
<td>C2437</td>
<td>4.45</td>
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</table>

## Kellogg

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-50, 524, 525, 527 and 528</td>
<td>C2360</td>
<td>$6.50</td>
<td></td>
</tr>
<tr>
<td>K-45, 523, 526, 533, 535, 536</td>
<td>C2345</td>
<td>4.50</td>
<td></td>
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</table>

## Kennedy

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
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<th>Your Cost</th>
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<tbody>
<tr>
<td>19 and 20</td>
<td>C2359</td>
<td>$3.95</td>
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<tr>
<td>21 and 47</td>
<td>C2360</td>
<td>3.45</td>
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## Knight

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.9 (Transformer and Choke)</td>
<td>C2361</td>
<td>3.90</td>
<td></td>
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## Koster

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
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</thead>
<tbody>
<tr>
<td>K-28, K-21, K-22, K-23, K-25, 60 cycle</td>
<td>C2352</td>
<td>$4.25</td>
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</tr>
<tr>
<td>K-24</td>
<td>C2354</td>
<td>5.30</td>
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<tr>
<td>K-48 and K-46</td>
<td>C2355</td>
<td>4.70</td>
<td></td>
</tr>
<tr>
<td>K-44</td>
<td>C2354</td>
<td>6.50</td>
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<tr>
<td>4-J and 4-K</td>
<td>C2350</td>
<td>3.75</td>
<td></td>
</tr>
<tr>
<td>4-L</td>
<td>C2350</td>
<td>3.75</td>
<td></td>
</tr>
<tr>
<td>International K-60 and K-70</td>
<td>C2367</td>
<td>7.35</td>
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<tr>
<td>International K-80 and K-90</td>
<td>C2368</td>
<td>7.35</td>
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## Loftin-White

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
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<tbody>
<tr>
<td>245-247 Amplifier</td>
<td>C2295</td>
<td>$2.50</td>
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<tr>
<td>250 p.p. Amplifier</td>
<td>C2295</td>
<td>7.75</td>
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## Majestic

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Model</th>
<th>Stock No.</th>
<th>Your Cost</th>
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</thead>
<tbody>
<tr>
<td>70, 71, 72, 7-BP, Plate-Transformer</td>
<td>C2125</td>
<td>$3.95</td>
<td></td>
</tr>
<tr>
<td>90, 91, 92, 9-BP, Plate-Transformer</td>
<td>C2126</td>
<td>2.90</td>
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<tr>
<td>180, 8-BP, Plate-Transformer</td>
<td>C2127</td>
<td>4.85</td>
<td></td>
</tr>
<tr>
<td>180, 8-BP, Plate-Transformer 740 Series</td>
<td>C2135</td>
<td>7.00</td>
<td></td>
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<tr>
<td>70 Series Plate Transformer 7-BP 6</td>
<td>C2140</td>
<td>7.00</td>
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</tr>
<tr>
<td>70 Series, Filament Transformer 7-BP 6</td>
<td>C2150</td>
<td>9.00</td>
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<tr>
<td>9-B and 10-B</td>
<td>C2127</td>
<td>4.40</td>
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<tr>
<td>chassis 151, 153, 154</td>
<td>C2128</td>
<td>2.95</td>
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<tr>
<td>chassis 20, 21, 22, 23</td>
<td>C2129</td>
<td>3.95</td>
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<tr>
<td>chassis 25, 61, 62, 63</td>
<td>C2131</td>
<td>3.95</td>
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<tr>
<td>chassis 50, 52</td>
<td>C2132</td>
<td>3.95</td>
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</tr>
<tr>
<td>chassis 130, 131, 132</td>
<td>C2133</td>
<td>3.95</td>
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</tr>
<tr>
<td>series 200</td>
<td>C2134</td>
<td>3.25</td>
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## Peerless

<table>
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<th>Model</th>
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<tbody>
<tr>
<td>Series 20 Electrotropic</td>
<td>C2140</td>
<td>$4.75</td>
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<tr>
<td>Courier 65: 651, 652 and 653</td>
<td>C2190</td>
<td>2.50</td>
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</tbody>
</table>

## Trutest Tube Tester - Filament Transformer

| 1½, 2, 2½, 3, 3½, 5, 6, 7, 15, 25, and 50 Volts | C2134 | $1.45 |

## Trutest Filament Transformer

| 2½ Volts at 10½ Amperes | C2134 | $1.05 |

## General Purpose Power Transformer

| 5-227S, 2-17IA, 1-280 | C2141 | 85¢ |

## Tube Power Transformer

| 115 Volt 60 Cycle | C2142 | $1.25 |

## Trutest Tube Tester - Plate Transformer

| 5 Volts, 4 Amps. Uncased | C2143 | 85¢ |

## General Purpose Power Transformer

| 5-227S, 2-17IA, 1-280 | C2144 | $1.75 |

## "B" Eliminator Transformer

| A popular replacement unit for all "B" Eliminators, 5-volt winding for "80 tube and 500-volt H.V. winding over-tapped. Can be used with Raytheon type tube, by disconnecting 5-volt winding. | C2145 | $2.45 |

## Your Cost

| C2146 | Your Cost | $1.65 |

---

*Have you our complete Catalog No. 54? If not send for it.*
### Forming

Mounting. Hook-up furnished with each transformer. All have 110 volt 60 cycle. 

### Bosch

Bosch Power Transformers

![New Bosch Power Transformers](image)

- Fits and plate voltages factory cartons and are fully guaranteed.
- Supplied with push-pull output transformer for dynamic speaker. For supply for standard 2500 ohm dynamic speaker. 
- Complete at $2.90.

<table>
<thead>
<tr>
<th>Name of Radio</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHELCO</td>
<td>C1909</td>
<td>$3.30</td>
</tr>
<tr>
<td>20 and 220</td>
<td>C1955</td>
<td>2.65</td>
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<tr>
<td>21</td>
<td>C1910</td>
<td>3.60</td>
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<tr>
<td>56</td>
<td>C1951</td>
<td>2.38</td>
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<tr>
<td>65</td>
<td>C1956</td>
<td>2.50</td>
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<tr>
<td>70</td>
<td>C1957</td>
<td>2.50</td>
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<tr>
<td>76 and 77</td>
<td>C1958</td>
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<tr>
<td>86</td>
<td>C1960</td>
<td>2.65</td>
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<tr>
<td>87</td>
<td>C1959</td>
<td>2.50</td>
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<tr>
<td>91-121</td>
<td>C1911</td>
<td>2.85</td>
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<tr>
<td>95 and 96</td>
<td>C1962</td>
<td>2.65</td>
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<tr>
<td>111 and 211</td>
<td>C1963</td>
<td>2.65</td>
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<tr>
<td>112 and 212</td>
<td>C1954</td>
<td>2.65</td>
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<tr>
<td>700 Series (511)</td>
<td>C1965</td>
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### RCA-Radiola

- 104 Loudspeaker
  - 30-A
  - 30-B
  - 30-C
  - 31-A
  - 31-B
  - 31-C
  - 31-D
  - 31-E

### Stevator-Warners

- 950 Series, 951, 952, 953, 961, 982, 983
- 100-A and 100-B

### Stromberg-Carlson

- 121 and 11
- 12 and 14
- 15 and 20
- 22
- 635 and 636
- 638, 25-60 cycle
- 641, 642, 652, 654
- 846 and 848
- 846 Speaker Transformer
- Model 635, 636, 25 Cycle

### Victor

- R-32, RF-49, R-52 and PE-75 (new type)
- 15, 14 and 17
- 35 and 39 and 77
- 7-1, 7-2, 7-3, 7-4 and 17-8, 60 cycle
- 7-1, 7-2, 7-3 and 17-8, 25 cycle
- 9-18 and 9-54
- 9-18 and 9-24, 25 cycle
- R-7AC
- R-5AC
- R-11
- RAE-10, RAE-79

### Westinghouse

- WR-1
- WR-5, WR-6 and WR-7
- WR-10A
- WR-14
- WR-15

### Temple

- 8-60, 8-80, 8-90

### Zenith

- 3X, 3X, 3X, 3Z, 18 Power Unit
- 56-60 and 70 Series: ZE-50, ZE-60, ZE-70

### Replacements

- P. P. 171 Power Pack Used in Bosch Model 28 Receiver
- P. P. 245 Power Pack Used in Bosch Model 48 Receiver
- Supplied filament and plate voltages for the following tubes: 324, 4-17, 2-45, and 1-40 rectifier. Equipped with output transformer for magnetron speaker. An A.C. dynamic speaker can be used, by changing the output transformer. 

**Wholesale Radio Service Co., Inc. - 100 Sixth Ave., New York**
The Most Comprehensive Line of
DE LUXE 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, uniquely in manufacture, and selection of high quality material. Special high quality components and accurate in the wire laminations and coil structure is employed which provides low distributed capacity, low reactance coupling and a high coupling factor. In all cases where center-tapped connections are employed those are highlighted 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.

Interstage Audio Transformers
Three units for use in large concert hall amplifiers, public address systems as well as radio receivers. A unit for every type of audio-frequency amplification

1st Stage Audio, Deluxe, ratio 3:1
C1580 Your Cost $2.45
2nd Stage Audio, Deluxe, ratio 1:1
C1583 Your Cost $2.45
Push-pull Input, Deluxe, ratio 2:1
C1579 Your Cost $2.45
Push-pull Inter-stage, Deluxe, ratio 1:3:1
C1584 Your Cost $2.45
Push-pull Input, split secondary, isolated ratio 1:1.5
C1577 Your Cost Each $2.75

Trutest Deluxe Screen Grid Audio Coupler

Designed to couple the output of any Screen Grid Detectors, such as 37, 38, 224 or 235, to an Audio Amplifier Tube. will give from two to three times as much amplification as noted above coupling. Better tone quality over the entire frequency range. Fully shielded in a metal case having a pleasing black shrivel finish. Size 3½ x 2½ x 2¼. Shipping weight 3 lbs.

C1594 Your Cost $2.45

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 290 or 500 ohm line or which distributes power to other amplifiers or the reproducer.

290 or 245 type tubes, 500 ohm line, 15 ohm winding for voice coil or monitor.
C1531 Your Cost $4.45
Two 210 type tubes, 500 ohm line, 15 ohm winding for voice coil or monitor.
C1532 Your Cost $4.45
Operating out of General purpose tube to 500 and 300 ohm outputs.
C1593 Your Cost $3.75

Mixer Transformers
Input, two button microphone, 200 ohm to grid tube.
C1587 Your Cost $1.95
Input, two button microphone, 200 ohm to 200 ohm line.
C1589 Your Cost $2.45
Input, two button microphone, 200 ohm to a 500 ohm output. For using four microphones with four of these transformers; with secondaries in series feeding into a 200 ohm line.
C1558 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 low impedance magnetic pick-ups.
C1596 Your Cost $2.75

Outputs

Output, Single 4½ type tube to a 5-15 ohm voice coil of dynamic speaker.
70°C
C1533 Your Cost $3.50
Output, Push-Pull 4½ type tubes to a 5-15 ohm voice coil of dynamic speaker.
85°C
C1564 Your Cost $4.00
Output, Single Pentode 47 to a 5-15 ohm voice coil of dynamic speaker.
79°C
C1555 Your Cost $3.75
Output, Push-pull Pentodes, to a 5-15 ohm voice coil of dynamic speaker.
85°C
C1565 Your Cost $4.00
Output, Push-pull, 203, 218 to a 3-15 ohm voice coil of dynamic speaker.
70°C
C1564 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. Push-pull 210 Output, to 10-15 ohm voice coil of dynamic.
C1533 Your Cost $2.94
Push-pull 245 Output, to 10-15 ohm voice coil of dynamic.
C1540 Your Cost $1.75
Push-pull 247 Output, to 10-15 ohm voice coil of dynamic.
C1545 Your Cost $2.45
Single 250 Output, to 10-15 ohm voice coil of dynamic.
C1558 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 magnetophone speaker.
C1597 Your Cost $2.45

Trutest Deluxe 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 on primary to amplifier or radio phonograph jack. Fully shielded in a metal case having a pleasing black shrivel finish. Size 3½ x 2½ x 2¼. Shipping weight 3 lbs.
A118 Your Cost Special $2.25

Replacement Audios and Chokes

This complete line of TRUTEST Replacement Audios, Outputs, and Chokes has been very popular with the Radio service men in their daily work of replacing defective audio parts of radio receivers. Only the best materials and workmanship is used in the construction of these transformers. TRUTEST replacement Audios and Chokes are of medium size, semifinish form, with strap mounting and bottom plate, Carbin plated. Average size 2½ x 2½ x ¾. Mounting centers, spaced 2½. Shipping weight 3 lbs.

Phonograph and Microphone Matching Transformers

Phonograph Pick-up transformer 3000 ohms to grid of tube.
C1559 Your Cost Single Button Microphone transformer, 200 ohm.
$1.20
C1560 Your Cost Double Button Microphone transformer, 200 ohms each side of center-tap.
$1.25
C1561 Your Cost Input—Pick-up to Grid: Primary impedance 400, 1600, 2000, and 4000 ohms.
$2.25

Audio Transformers

Audio, either stage of straight audio amplifiers.
Ratio 3 to 1
C1550 Your Cost $2.15
Push-pull Input, from single plate to 200 or 500 ohm line, Ratio 2.5:1
C1551 Your Cost $2.82
Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1
C1552 Your Cost $1.95
Push-pull Input, Split Secondaries (Isolated), between 1 plate and 2 grids. Ratio 1.75:1
C1552 Your Cost $1.95

Filter Chokes

C1563 Your Cost $59
Choke, 11 henry at 60 M. A. D. C. resistance of 820 ohms.
C1563 Your Cost $59
Choke, 30 henry at 75 M. A. D. C. resistance of 820 ohms.
C1563 Your Cost $85
Choke, Heavy Duty, 30 henry at 125 M. A. D. C. resistance of 200 ohms.
C1570 Your Cost $90

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

Intermediate Radios 60, 62, 64, and 66
Here is genuine "I. F. Transformer for the Radios. Each has been peeled at its correct frequency at the RCA Factory. Our supply is limited. Shipping weight 8 oz.

For Radios Models 60, 62, 64 1st, 2nd, 3rd, 4th, F. Transformer (RCA No. 8432).

$1.35

C2164

Your Cost Each

For Model 66 1st, and 2nd "I. F. Transformer (RCA No. 8481).

$1.65

C2165

Your Cost Each

For Model 67 1st intermediate stage, RCA 8481.

$1.65

C2167

Your Cost Each

For Model 67 2nd intermediate stage, RCA 8499.

$1.75

C2168

Your Cost Each

For Model 67 3rd intermediate stage, RCA 8560.

$1.95

C2169

Your Cost Each

RCA Radiola Audio Transformer For Models RR, RX, R3A, R4, R6, R20 and R30-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. Radio 3:1. 1000 ohms, secondary 5500 ohms. D. C. resistance, 3,1\frac{1}{3}14\frac{1}{2}. Shipping weight 2.1. Shipping weight 2.0. C2006

Your Cost Each

45c

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 760 h. at 3 ma. D. C. resistance 6000 ohms. Shipping weight 2 lbs.

$1.75

C2001

Your Cost Each

Input Audio Transformer

Model 64-350 Speaker

Straight audio input transformer used to couple a '27 to a single '50 type tube. The genuine RCA R Centre, 811 Replacement No. 5889. Shpg. wt. 5 lbs. C2002

Your Cost Each

$2.95

Output Transformer

Used to couple a single '50 type tube to a '6-15 voice coil of a dynamic speaker, RCA part No. 5747-5888. Shpg. wt. 5 lbs.

$1.95

C2003

Your Cost Each

RCA Filter Choke 30 Henry 150 Ma.
Models 64 and 67

Genuine replacement choke. Part No. 5867. D. C. resistance 1000 ohms. Size \\frac{3}{8}x2\frac{3}{8}x\frac{3}{16}. Shpg. wt. 5 lbs. A112

List $5.50

Your Cost

$2.25

For 105 Loudspeaker

Similar in appearance to above, D. C. resistance 1000 ohms.

A113

List $6.75

Your Cost

$1.65

Output Coupling Unit

Victor Models 9-28, 9-54

Similar in appearance to above, except larger in height. Combines a reactor, impedance transformer and two by-pass condensers. Shpg. wt. 8 lbs.

$3.75

A114

List $22.55

Your Cost Each

Genuine RCA Radiola Magnetic Speaker Coils

RCA Part. No. 1966, for RCA Model receivers 45-A, 50-A, 51 and all central-plant radio mag-

$1.95

A110

Your Cost Special

Speaker networks. The official type of coil used in these networks. The size coil, \frac{1}{2}x3\frac{1}{4}x1\frac{1}{4}.

W1951

Your Cost

$45c

Per Dozen

$5.00

For RCA-Radiola 100 Speaker, Western-Electric 540-AW RCA Models 50 Victor Combinations

The genuine replacement No. 708 magnet coils, used in many other speakers. Size \frac{1}{2}x\frac{1}{4}x\frac{1}{4}.

W1920

Your Cost

$45c

Per Dozen

$5.00

Double Audio Transformer Assembly For Models 16, 12, 18, 33, 41, 50 and 51

RCA No. 5687. Two audio in one frame. Brand new. Shpg. wt. 3 lbs.

$1.05

C2005

Your Cost

RCA Radiola—Victor Replacement Audios & Chokes

WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave., New York
Genuine Kellogg P. P. Output Transformer To a Dynamic Speaker

The True Push-Pull Output transformer manufactured by Kellogg Switch-Board 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 necessary reading being 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 same tubes, P. P. 251, 46, 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, insulating a long life. A very fortunate purchase enables us to sell these below actual production cost, but OUR QUANTITY IS LIMITED. Better be a few while they last. Size: 3½ x 2½ x 2½ x 2½. Shipping weight 4 lbs.

C2192 - Your Cost, Special $2.15

Rauland Laboratory R-500 Audio Transformer

The high amplification combined with exceptional uniform response throughout the entire audio-frequency band (30 to 10000 cycles makes this a high class audio for all types of amplification. Ratio 3½:1 Primary, 1800 ohms; secondary, 6000 ohms. Size: 2½ x 2½ x 2½ x 2½. Mounting centers, 2½". Shipping weight 4 lbs.

C2165 - List Price $9.00
Your Cost, Special $5.90

Victor Antenna choke Models R23, R24, R25, R26 Replacement part No. 2944, for the above models. Consists of 150 turns of No. 20 gauge wire, wound on a wooden spool.

H1012 - Your Cost, Each $1.00
Per Dozen $1.00

Special Audio Transformers

Can be used as 1st or 2nd straight audio stage. For use with all types of tubes and speaker winds. 2½ x 2½ x 2½ x 2½. Shipping weight 1 lb.

C21314 - Upright Type Mounting $4.00
C21331 - Horizontal Type Mounting $4.00
C21335 - Your Cost, Each $4.00

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 ml. condensers across line. Shipping weight 3 lbs. Primary 350 ohms, secondary 6 ohms.

C21730 - Your Cost $3.50

Atwater-Kent Model 67 Audio Transformers

This is an exact duplicate of the original A. K. part. Comprises 17 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.

C21441 - Your Cost Each $2.95

General Audio Radios

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 3 to 1. Type 285-D, ratio 3⅔:1. They maintain a 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 simple audio stage. Laminations and windings of the highest grade materials. Fully shielded. Sizes: 3½ x 3½ x 3½ x 3½. Mounting holes 2½". Shipping weight 3 lbs.

C2170 - Type 285-H. C2171 - Type 285-D
Your Cost, Either Type $1.20

Genuine A. K. Audio Transformers

For all battery and early electric sets. 1st or 2nd Audio Stage. Part No. 6166. Shipping weight 2 lbs.

C2128 - Your Cost Each $75

Crosley 706 P. P. Input and 1st P. P. No. 5135

A replacement Audio and P. P. Input made especially for use in Crosley Models 32, 40, 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.

C2182 - Your Cost, Special $2.15

Trutest Heavy Duty Choke

30 H. 125 M. A.

A choke that is rated at its true inductance value. Ideal for replacement and new set build-

30 H. 125 M. A. Shipping weight 4½ lbs. C21570 - Your Cost $85

Grebe Phon Matching Transformer

Used to match the low impedance of a magnetic pick-up to any type input of Radio or microphone. Single winding, tapped at 150, 300 and 1100 ohms D. C. resistance. Sizes: 2⅝ x 2⅝ x 2⅝. Has terminal board that protrudes through sub-panel, Shipping weight 2 lbs.

C21337 - Your Cost $1.35

HAVE YOU ORDERED THE CATALOG No. 54? IF NOT SEND FOR IT.
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. 54x54x7. Shipping weight 8 lbs.

R930
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., one 2.5 mfd. and 5 mfd. sections at 600 working voltage. This is for the late Victor models equipped with 4 tap, but can be used for the early models by using a 3 mfd. condenser in place of the No. 5 tap.

R931
Your Cost
$1.20

Genuine RCA-
Radiola Condensers
Radiola 17-50
Brunswick PR-17-8
Victor 7-35
Part No. 8289

B1020 - List Price $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 0.5 mfd. and one 25 mfd., also output choke. Shipping weight 6 lbs.

B1016 - List Price $19.00
Your Cost
$2.25

Radiola Model 60
Graybar Model 300
Brunswick Model 520
Part No. 8346
The original Radiola filter condenser. Contains: Three 2 mfd., two 1.5 mfd. and output choke. Shipping weight 6 lbs.

B1015 - List Price $16.50
Your Cost
$1.85

Graybar Model 540
Radiola Model 62
Brunswick
3NCB, 5NCB
Part No. 8383
The original Radiola replacement filter condenser for the above models. Contains: One 4 mfd., two 3.5 mfd., one 1 mfd., three 0.5 mfd. Shipping weight 6 lbs.

Your Cost
$2.10

Filter Capacitor For Radiola Mono Unit
Part No. 8384
For above model receivers. Original RCA part. Contains: One 4 mfd., two 1 mfd. Shipping weight 4 lbs.

B1013 - List Price $6.25
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 3.5 mfd. condenser and a 12 henry choke. Shipping weight 7 lbs.

B1012 - List Price $12.00
Your Cost
$2.70

Auditorium Radiola-Phonograph Radiola Model 66
Graybar Model 600
Part No. 8487
Original Radiola Condensers. Contains: Two 2 mfd., one 1 mfd., one 0.5 mfd. and a 516 ohm output choke. Shipping weight 6 lbs.

B1019 - List Price $14.25
Your Cost
$1.50

Radiola 18-33-51
Brunswick, Zkro, Zkro, Zkro, 5kr, Zkro, 5kr, Victor 7-11, 7-26
Graybar Model 313 (Part No. 8333)
Original filter condenser for above sets. Contains: Two 1 mfd., one 0.5 mfd. output choke. Guaranteed brand new. Shipping weight 5 lbs.

B1019 - List Price $7.40
Your Cost
$1.50

Capacitor Pack Radiola Model 66
Graybar Model 600
Similar in appearance to above. Original Part. Contains: One 2 mfd., two 1.5 mfd. and three 1 mfd. Shipping weight 3 lbs.

B1008 - List Price $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.

B1004 - List Price $8.95
Your Cost
$1.50

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**

<table>
<thead>
<tr>
<th>Stock</th>
<th>Part No.</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>688</td>
<td>14748-SA</td>
<td>$55.00</td>
</tr>
</tbody>
</table>

**Truset Uncased Replacement Condensers Best Quality, Cellophone Wrapped**

These uncased sections are in every respect the same as the sections used in the standard truset type filter condensers. Non-induction 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 special wax compound which forms an extra heavy coating to prevent reasonably certain to absorb moisture and accidental damage in handling. Securely wrapped in moisture-proof cellophane.

**Sparton Tubular Condensers**

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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>856</td>
<td>$39.00</td>
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<tr>
<td>345</td>
<td>$33.00</td>
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**Cardboard Container**

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<tr>
<td>512</td>
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</table>

**Colonial By-Pass Condenser**

<table>
<thead>
<tr>
<th>Condenser No.</th>
<th>Your Cost Each</th>
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<tbody>
<tr>
<td>1748-SA</td>
<td>$55.00</td>
</tr>
</tbody>
</table>

Similar in appearance to above. Part No. 1728-SA, $1.25; mfd. Shipping weight 1 lb.

**By-Pass Condenser**

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
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<tbody>
<tr>
<td>857</td>
<td>$25.00</td>
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**By-Pass Condenser Block**


<table>
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<th>Block</th>
<th>Your Cost Each</th>
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<tr>
<td>7058</td>
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**RCA—Victor Replacements**

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<tr>
<th>RCA—Victor Replacements</th>
<th>Your Cost Each</th>
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<tr>
<td>29</td>
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**By-Pass Condenser Assembly**

Models R-50, R-55, RE-20, RAE-55 and RAE-75.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Last Price</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>680</td>
<td>$1.25</td>
<td>$1.25</td>
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</tbody>
</table>

**RCA Model 431 A. C.**

For Part No. 5664: One $1.00. A-848.

**RCA Model 44-46-47**

For Part No. 6002: One $1.00. One $1.00.

**RCA Model 33 A. C.**

For Part No. 5006: One $1.00. Three $1.00. B-522.

**RCA Model 18 and 51**

For Part No. 2241: Four $1.00. B-403.

**For Victor Models**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Your Cost Each</th>
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<td>60971</td>
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**Speaker By-Pass Condenser**

<table>
<thead>
<tr>
<th>A. K. Models</th>
<th>Your Cost Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>37, 38, 40, 46, 44 and 44</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

**Atwater-Kent By-Pass Condensers**

**Genuine Replacements Condensers for all late model receivers.**

**Detector By-Pass**


<table>
<thead>
<tr>
<th>Part No.</th>
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<th>Your Cost</th>
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<td>$1.25</td>
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**RCA Type**


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<td>$1.25</td>
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**For Models 37, 38, 40, 44, 44 and 44**

**Speaker By-Pass Condenser**

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**By-Pass Condenser**

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<td>$1.25</td>
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**R. F. By-Pass Condenser**

For Models 37, 38, 40, 44 and 44.

<table>
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**Atwater-Kent By-Pass Condenser**

<table>
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<th>Part No.</th>
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<tr>
<td>15158</td>
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**For Models 15 and 9**

Sparton Part No. A-6625, contains the following capacities: 0.3, 0.4, 0.5, and 0.6. Shipping weight 2 lbs.

<table>
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<th>Part No.</th>
<th>Your Cost Each</th>
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<td>$1.45</td>
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**For Models 16 and 16AW**

Sparton Part No. A-6718, contains the following capacities: 0.3, 0.4, 0.5, and 0.6. Shipping weight 2 lbs.

<table>
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<td>$1.45</td>
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**For Models 37, 38, 40, 44, and 44**

**Speaker By-Pass Condenser**

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**R. F. By-Pass Condenser**

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**For Models 37, 38, 40, 44, and 44**

**Speaker By-Pass Condenser**

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**R. F. By-Pass Condenser**

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## Guaranteed Replacement

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<td><strong>ALL AMER. MOHAWK</strong></td>
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<tr>
<td>Model M-7</td>
<td>B1427</td>
<td>$3.65</td>
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<tr>
<td>Model A-8</td>
<td>B1423</td>
<td>$2.44</td>
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<td>Model A-10</td>
<td>B1423</td>
<td>$2.44</td>
</tr>
<tr>
<td>Model 19-26</td>
<td>B1420</td>
<td>$2.75</td>
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<tr>
<td>Model Lyric &quot;Y&quot;</td>
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<tr>
<td>Models Lyric 60 and 80 Series</td>
<td>B1419</td>
<td>$3.50</td>
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<tr>
<td><strong>AMRA</strong></td>
<td></td>
<td></td>
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<tr>
<td>Model 7100</td>
<td>D3330</td>
<td>1.25</td>
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<tr>
<td>Model 7100</td>
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<td>1.20</td>
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<td>Model Canto 810</td>
<td>D3311</td>
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<td>Model 70</td>
<td>D3321</td>
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<td>Model 40</td>
<td>B1409</td>
<td>2.75</td>
</tr>
<tr>
<td>Model 39</td>
<td>B1408</td>
<td>4.20</td>
</tr>
<tr>
<td>Model 51</td>
<td>B1407</td>
<td>1.95</td>
</tr>
<tr>
<td>Models 46 and 46-A</td>
<td>B1405</td>
<td>2.75</td>
</tr>
<tr>
<td>Models 47 and 47-A</td>
<td>B1405</td>
<td>2.75</td>
</tr>
<tr>
<td>Model 48</td>
<td>B1410</td>
<td>2.35</td>
</tr>
<tr>
<td>Model 80</td>
<td>B1403</td>
<td>2.80</td>
</tr>
<tr>
<td>Models 28-A, 28-AX</td>
<td>B1411</td>
<td>2.85</td>
</tr>
<tr>
<td><strong>ARGUS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model 191-218</td>
<td>B1350</td>
<td>4.50</td>
</tr>
<tr>
<td><strong>ARDFRONE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model 45</td>
<td>B1385</td>
<td>3.95</td>
</tr>
<tr>
<td><strong>ATWATER-KENT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 Condenser Block (Serial 60,000+)</td>
<td>B1350</td>
<td>.45</td>
</tr>
<tr>
<td>36 Condenser Block (Serial 600,000+)</td>
<td>B1382</td>
<td>.49</td>
</tr>
<tr>
<td>Condensers Only</td>
<td>B1379</td>
<td>1.15</td>
</tr>
<tr>
<td>37-38 Condenser and choke</td>
<td>B1376</td>
<td>1.85</td>
</tr>
<tr>
<td>Assembly</td>
<td>B1377</td>
<td>1.25</td>
</tr>
<tr>
<td>40 Condenser Assembly</td>
<td>B1367</td>
<td>2.25</td>
</tr>
<tr>
<td>46 Condenser Assembly</td>
<td>B1368</td>
<td>2.25</td>
</tr>
<tr>
<td>46 and 53 Condenser Assembly</td>
<td>B1395</td>
<td>2.25</td>
</tr>
<tr>
<td><strong>BALKEIT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model &quot;C&quot;</td>
<td>B1355</td>
<td>3.40</td>
</tr>
<tr>
<td><strong>BOSCH</strong></td>
<td></td>
<td></td>
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<tr>
<td>Model &quot;Little Six&quot;</td>
<td>B1350</td>
<td>4.40</td>
</tr>
<tr>
<td>Model 28</td>
<td>B1349</td>
<td>2.75</td>
</tr>
<tr>
<td>Model 29-825</td>
<td>B1349</td>
<td>2.75</td>
</tr>
<tr>
<td>Model 48</td>
<td>B1347</td>
<td>2.75</td>
</tr>
<tr>
<td>Models 58 and 60</td>
<td>B1346</td>
<td>2.75</td>
</tr>
<tr>
<td>Models 5, 5-A</td>
<td>B1346</td>
<td>2.75</td>
</tr>
<tr>
<td>Models 31 and 32 Superhet</td>
<td>B1344</td>
<td>2.20</td>
</tr>
<tr>
<td>Models 20K, 20K and 28L</td>
<td>B1343</td>
<td>2.25</td>
</tr>
<tr>
<td>Model 135</td>
<td>B1342</td>
<td>2.45</td>
</tr>
<tr>
<td>Models 73 and 74</td>
<td>B1341</td>
<td>2.25</td>
</tr>
<tr>
<td><strong>BRANDES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Models 6-B-10 and 6-11</td>
<td>B1335</td>
<td>1.50</td>
</tr>
<tr>
<td>Models 16 and 16-16</td>
<td>B1334</td>
<td>1.55</td>
</tr>
<tr>
<td><strong>BREMER TULLY</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Models 8-20, 8-21A</td>
<td>B1335</td>
<td>3.50</td>
</tr>
<tr>
<td>Models 6-40, 6-41</td>
<td>B1334</td>
<td>2.75</td>
</tr>
<tr>
<td>Models 7-70, 7-71</td>
<td>B1323</td>
<td>1.70</td>
</tr>
<tr>
<td>Models S81 and S82 Green Spot</td>
<td>B1312</td>
<td>.48</td>
</tr>
<tr>
<td>Models S81 and S82 Blue Spot</td>
<td>B1314</td>
<td>.48</td>
</tr>
<tr>
<td>Models S81 and S82 Black Spot</td>
<td>B1313</td>
<td>.48</td>
</tr>
<tr>
<td>Models 81 and 82 Yellow Spot</td>
<td>B1315</td>
<td>.48</td>
</tr>
<tr>
<td><strong>BRUNSWICK</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Models PB-17-4</td>
<td>B3020</td>
<td>1.80</td>
</tr>
<tr>
<td>Models 2KRO, 4KRO, 2KRo, 4KRo</td>
<td>B1019</td>
<td>1.97</td>
</tr>
<tr>
<td>Models SNO power unit</td>
<td>B1015</td>
<td>1.85</td>
</tr>
<tr>
<td>Models 3NC8, 3NC8, Condenser Block</td>
<td>B1004</td>
<td>2.10</td>
</tr>
<tr>
<td>Models SNO, 3NC8, Field Supply Filter</td>
<td>B1003</td>
<td>2.10</td>
</tr>
<tr>
<td>Models 3NC8, 3NC8, Coupling Unit</td>
<td>B1013</td>
<td>2.10</td>
</tr>
<tr>
<td>Models 15 and 22</td>
<td>B1027</td>
<td>2.70</td>
</tr>
<tr>
<td>Models 14, 21 and 81 Red Spot</td>
<td>B1331</td>
<td>.48</td>
</tr>
<tr>
<td>Models S14, S21 and S31 Green Spot</td>
<td>B1312</td>
<td>.48</td>
</tr>
<tr>
<td>Models S14, S31 and S31 Blue Spot</td>
<td>B1314</td>
<td>.48</td>
</tr>
<tr>
<td>Models S14, S21 and S31 Black Spot</td>
<td>B1313</td>
<td>.48</td>
</tr>
</tbody>
</table>

## R. C. A. Radio 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 in a 100-A speaker it will give you the same tone quality so well known to the Model 100-A. Size is 1 1/4" high and 1 5/8" in diameter. Is equipped with two mounting brackets. RCA Part No. 1969. Shipping weight 1 lb.

W19492  Your Cost Each  20¢

For Models 100-B and 101

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 a 100-A speaker and will modify the tone and bring up the high. RCA Part No. 5853. Shipping weight 1 lb.

W19454  Your Cost Each  20¢

## Faradon Capacitor


B863  Your Cost Each  95¢

## Faradon Filter Condenser

2 Mfd 15 mfd 450 Volts

Size 3 1/2 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.

B875  Your Cost Each  25¢

In Lots of Ten, Each 22¢

## 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 the correct color spot required. Shipping weight 3 lbs.

For Brunswick Models 14, 21 and 31

B1311  Red Spot  Your Cost  48¢

Brunswick Models S24, S21, and S31 Bremer-Tully Models S61 and S62

B1312  Green Spot  B1313  Black Spot

B1314  Blue Spot  Your Cost Any Type, Each  48¢

Bremer-Tully Models 81 and 82

B1335  Yellow Spot  Your Cost Each  48¢

## WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave., New York
Trutesty 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 Trutesty Dry Electrolytic Condensers is practically constant over a wide frequency range. The excellent power factor characteristics of the units, under normal temperature conditions, means that electrolytic and effective capacities are practically the same, resulting in efficient filtering.

Trutesty Dry Electrolytic Condensers measured under variable voltage conditions at a temperature of 23 deg. centigrade, show no M.A. leakage at the rated peak voltage of 500 volts. All types of Trutest Capacitors must be used with utmost confidence in their reliability.

**Multiple Sections**

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap'y Mfd.</th>
<th>Can</th>
<th>Your</th>
<th>Six</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2316</td>
<td>8-8</td>
<td>1/16</td>
<td>51.15</td>
<td>56.55</td>
</tr>
<tr>
<td>D2319</td>
<td>9-9</td>
<td>1/16</td>
<td>51.80</td>
<td>57.20</td>
</tr>
<tr>
<td>D3320</td>
<td>5-5</td>
<td>1/16</td>
<td>4.30</td>
<td>4.80</td>
</tr>
<tr>
<td>D3325</td>
<td>8-8</td>
<td>1/16</td>
<td>6.50</td>
<td>7.10</td>
</tr>
<tr>
<td>D3331</td>
<td>4-4-4</td>
<td>1/16</td>
<td>4.30</td>
<td>5.00</td>
</tr>
<tr>
<td>D3331</td>
<td>8-8-8</td>
<td>1/16</td>
<td>6.50</td>
<td>7.10</td>
</tr>
<tr>
<td>D3329</td>
<td>8-8-8-8</td>
<td>1/16</td>
<td>6.50</td>
<td>7.10</td>
</tr>
<tr>
<td>D3332</td>
<td>8-8-8-8</td>
<td>1/16</td>
<td>6.50</td>
<td>7.10</td>
</tr>
</tbody>
</table>

Cardboard type, two heavy mounting flanges, mounts under separate chassis. Separate terminals for each section.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Capacity</th>
<th>Size</th>
<th>Your Cost</th>
<th>Six</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. mfd</td>
<td>Voltage</td>
<td>Each</td>
<td>For</td>
<td></td>
</tr>
<tr>
<td>D2326</td>
<td>4.4 volts</td>
<td>.95</td>
<td>.82</td>
<td></td>
</tr>
<tr>
<td>D3347</td>
<td>4.4 volts</td>
<td>.95</td>
<td>.82</td>
<td></td>
</tr>
</tbody>
</table>

**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 bias by-pass condensers.

**Cardboard Container**

- **500 Volts Peak**
  - **Stock Cap'y Peak**
  - **Your Cost Each**
  - **Six**

<table>
<thead>
<tr>
<th>No. Mfd.</th>
<th>Voltage</th>
<th>Each</th>
<th>For</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2334</td>
<td>6 4.4 volts</td>
<td>.43</td>
<td>.48</td>
</tr>
<tr>
<td>D3348</td>
<td>8 4.4 volts</td>
<td>.43</td>
<td>.48</td>
</tr>
</tbody>
</table>

**Cardboard By-Pass Size Container**

- **Stock Cap'y Peak**
  - **Your Cost Each**
  - **Six**

<table>
<thead>
<tr>
<th>No. Mfd.</th>
<th>Voltage</th>
<th>Each</th>
<th>For</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2335</td>
<td>4 4.4 volts</td>
<td>.34</td>
<td>.39</td>
</tr>
</tbody>
</table>

**Low Voltage Electrolytic Condensers**

Round Cans with 3/4" Mounting Studs

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap'y Peak</th>
<th>Your Cost</th>
<th>Six</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Mfr.</td>
<td>Volts</td>
<td>Size</td>
<td>Each</td>
</tr>
<tr>
<td>D2334</td>
<td>8-8-8</td>
<td>1/16</td>
<td>.95</td>
</tr>
<tr>
<td>D3356</td>
<td>25 4.4</td>
<td>1/16</td>
<td>.60</td>
</tr>
<tr>
<td>D3358</td>
<td>25 4.4</td>
<td>1/16</td>
<td>.60</td>
</tr>
<tr>
<td>D3359</td>
<td>22 4.4</td>
<td>1/16</td>
<td>.60</td>
</tr>
</tbody>
</table>

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

The capacity and power factor curves, represent measurement of 8 mfd. 500 volt peak rating, 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, 25 degrees centigrade, after the application of voltage for five minutes. The curves remain practically constant throughout a temperature range of from 40 to 85 deg. Centigrade.

**Wholesale Radio Service Co., Inc. - 100 Sixth Ave., New York**

---

**Single & Dual Sections**

Single and Dual Sections furnished in round aluminum cans, of one standardized size, fitting any single mounting hole designed for 1/2" studs. The cans are not grounded and are adequately insulated from the condenser sections. Color coded 6" wire leads. 500 volt peak voltage.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap'y</th>
<th>Your Cost</th>
<th>Six</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. mfd</td>
<td>Mfr.</td>
<td>Each</td>
<td>For</td>
</tr>
<tr>
<td>D3329</td>
<td>4-8-8</td>
<td>52.50</td>
<td>46.50</td>
</tr>
<tr>
<td>D3334</td>
<td>8-16</td>
<td>52.50</td>
<td>46.50</td>
</tr>
<tr>
<td>D3334</td>
<td>16-16</td>
<td>52.50</td>
<td>46.50</td>
</tr>
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<td>D3334</td>
<td>8-16</td>
<td>52.50</td>
<td>46.50</td>
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<tr>
<td>D3334</td>
<td>16-16</td>
<td>52.50</td>
<td>46.50</td>
</tr>
<tr>
<td>D3334</td>
<td>8-16</td>
<td>52.50</td>
<td>46.50</td>
</tr>
</tbody>
</table>

**Rectangular Aluminum Cans**

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

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap'y</th>
<th>Your Cost</th>
<th>Six</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Mfr.</td>
<td>Size</td>
<td>Each</td>
<td>For</td>
</tr>
<tr>
<td>D3345</td>
<td>4-4</td>
<td>141/2x1</td>
<td>.80</td>
</tr>
<tr>
<td>D3346</td>
<td>5-5</td>
<td>141/2x1</td>
<td>.80</td>
</tr>
</tbody>
</table>

**Trutest Cartridge Condensers**

Enclosed in waxed cardboard containers with metal ends and 1 1/2" tinned wire leads. Hermetically sealed. Very convenient to use. Complete.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap'y</th>
<th>Work</th>
<th>Your Cost</th>
<th>Six</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Mfr.</td>
<td>Voltage</td>
<td>Each</td>
<td>For</td>
<td></td>
</tr>
<tr>
<td>D3390</td>
<td>5 25</td>
<td>$6.20</td>
<td>$5.15</td>
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</tr>
<tr>
<td>D3391</td>
<td>10 25</td>
<td>$8.20</td>
<td>$7.15</td>
<td></td>
</tr>
<tr>
<td>D3392</td>
<td>25 25</td>
<td>$10.20</td>
<td>$9.15</td>
<td></td>
</tr>
<tr>
<td>D3393</td>
<td>50 25</td>
<td>$12.20</td>
<td>$11.15</td>
<td></td>
</tr>
<tr>
<td>D3394</td>
<td>75 25</td>
<td>$14.20</td>
<td>$13.15</td>
<td></td>
</tr>
</tbody>
</table>

---

**Standard Capacities**

- **500 Volts Peak**
- **250 Volts Peak**
- **125 Volts Peak**
- **62 Volts Peak**

**Capacitance Chart**

- **4-8-8**
- **5-8-8**
- **6-8-8**
- **8-10-8**
- **8-16-16**
- **8-16-16**
- **8-16-16**
- **8-16-16**

**Wholesale Radio Service Co., Inc. - 100 Sixth Ave., New York**
Trutest By-Pass Condensers

Single Unit By-Pass
Universal mounting types, and compaction for general purpose work. Hermetically sealed in drawn aluminum cans. Each condenser unit tested at 1900 volts D.C. Assuring you of a quality replacement.

Trutest 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 leads cannot pull out.

A. C.-D. C. Receivers, or where space is a factor. Sealed at the ends.

Trutest Assorted By-Pass Condensers
A very handy assortment for the Service Man. Contains 12 of the most popular capacitances in drawn metal cans; assorted as follows:

Shipping weight 3 lb.

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

$3.25

Trutest Cartridge Condenser Kit
Contains 25 of the most popular capacitances used to service every make and type of receiver. Every service man and amateur have the Kit in his shop. The following are the capacitances and voltage ratings:

Units.Cap. Volts Units.Cap. Volts
.01 400 .3 .400
.02 200 .5 250
.05 200 .5 400
.1 200 .7 600
.25 200 .7 1200
.5 100 .9 1400
.1 100

$2.59

Multi-Unit By-Pass

Stock No. Cap'y Voltage Each
D1271 .1 200 .027
D1272 .1-1 200 .137
D1273 .25-25 200 .322
D1274 .3-3 200 .325
D1281 .1-1 300 .358
D1282 .25-25 300 .400
D1283 .5-1 300 .457
D1284 .5-5 300 .450
Stock No. Cap'y Voltage Each
D1287 .1 400 .503
D1288 .1-1 400 .505
D1289 .25-25 400 .700
D1290 .5-5 400 .503

$1.35

$1.45

$2.59

Sangamo Mica Condensers

Stock No. Capacities Your
DQ501 .000004 .0023
DQ51 .000006 .0023
DQ52 .000008 .0023
DQ53 .000010 .0023
DQ54 .000013 .0023
DQ55 .000020 .0023
DQ56 .000025 .0023
DQ57 .000030 .0023
DQ58 .000035 .0023
DQ59 .000040 .0023
DQ60 .000045 .0023
DQ61 .000050 .0023
DQ62 .000063 .0023
DQ63 .000080 .0023
DQ64 .000090 .0023
DQ65 .000100 .0023
DQ66 .000125 .0023
DQ67 .000150 .0023
DQ68 .000175 .0023
DQ69 .000200 .0023
DQ70 .000250 .0023
DQ71 .000300 .0023
DQ72 .000350 .0023
DQ73 .000400 .0023
DQ74 .000450 .0023
DQ75 .000500 .0023

$1.17

Trutest Midget Condensers
A popular midget tuning condenser for set builders and experimenters. For short wave tuning, regeneration controls, antenna coupling, verniers, etc. Light in weight and compact in size. The size of the dielectric, smooth as velvet in operation. Low minimum capacitance, low loss, natural bakelite insulation, non-corrosive aluminum plates. Easy single hole mounting. 1/2 shunt. Individually packed with bakelite knob.

Stock No. Capacity List
D1272 15 mfd. .85
D1275 25 mfd. .35
D1276 35 mfd. .35
D1277 50 mfd. .35
D1278 100 mfd. 1.00

General Purpose By-Pass Condensers

Stock No. Range Your Cost Each
H9743 140-220 $1.60
H9739 70-140 50

Hammarlund Equalizer
This is a very timely equalizing condenser, having a capacity range from 25 mfd. to 80 mfd. minimum to 80 mfd. maximum.

Our Catalog No. 54, Spring 1933 contains thousands of replacement parts and are printed better than we 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, R-45, R-32, R-75
Shipped w/ 1 lbs.
$1.50

Replacement Cones for Standard Speakers

Stock
No.
Set or Speaker
Out
谁都
Diam.
Cost
W15500
Atwater Kent 84B
8" $1.60
W15501
Atwater Kent 53-55-76
11" 2.40
W15502
Atwater Kent 67-89
11" 2.40
W15507
Brunswick Model D
9.5" 1.90
W15508
Brunswick Model 16
12" 2.45
W15517
Freed-Edeman NR
80-90
10" 2.40
W15518
Jensen D4
11" 1.90
W15519
Magnavox Taper Cone 11" 1.90
W15520
Jensen D9-D15
8" 1.30
W15521
Jensen D19, outer spider
11" 1.90
W15522
Jensen D15, inner spider
11" 1.90
W15523
Jensen D16
8.5" 1.90
W15525
Magnavox
6" 1.50
W15526
Magnavox
6" 1.50
W15527
Magnavox
7.5" 2.25
W15528
Magnavox
8.5" 2.75
W15530
Magnavox
10.5" 3.50
W15531
Magnavox
3" 1.50
W15533
Magnavox
3" 1.50
W15534
Jensen G10B
10" 2.90
W15535
Jensen G100
20" 2.90
W15537
Jensen G105
1.5" 1.50
W15547
Philo 20, 21, 70, 90
60996 .45
W15549-49
Philo 65, 76, 77, 87,
95, 98, 111, 112, 96
10974 .30
W15550
Philo 86
289A-1.50
W15551
Philo 50, 30, 51
289B-1.50
W15552
Philo 50, 30, 51
289C-1.50
W15553
Philo 30, 51
289D-1.50
W15460
Philo 50, 30, 51
289E-1.50
W15461
Philo 90, 112
289F-1.20
W15525
Jensen G10B
289G-1.20
W15544
RCR 4-4, 5-5, 6-6, 7-7
101" 1.95
W15557
RCR 44, 55, 66, 77
101" 1.95
W15558
RCR 100, 108, 116
8" 1.90
W15559
RCR 106
100"
W15460
RCR 108
6000 3.35
W15475
Rolls Series F-K
2300 .90
W15476
Rolls Series F-K
2300 .90
W15485
Utah 9" 2250 .70
W15486
Victor 32-45-75
3000 7.75

Field Coil for Victor Speaker

The genuine replacement for Victor Speakers used in Model 1519, 1523, 1524, 1525, 1526. Can also be used in other speakers. 3,000 ohms. Can be faceless. Shipped wt. 9 lbs.

W17476
Your Cost

$1.50

Replacement Field Coils

Stock
No.
Set or Speaker
Ohms
Cost
W15431
Atwater Kent 55-56-65
650 $2.50
W15441
Atwater Kent 55-56-65
1700 3.30
W15446
Colonial 31-32
6000 5.90
W15447
Jensen G1
2750 1.60
W15448
Jensen G6
1000 1.80
W15453
Philo 65, 76, 77, 87
1000 1.90
W15458
Philo 20, 21
2860 1.95
W15459
Philo 50, 51
2862 1.95

W15455-57
Philo 65, 76, 77, 87
2860 1.95
W15458
Philo 20, 21
2862 1.75
W15459
Philo 50, 51
2942 1.05

W15416
For single 45
W15417
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 failure. Has hum bucking coil which removes the usual A.C. hum from the reproduction. Equipped with output transformer for push-pull 45s and 47s. Shipping weight 15 lbs. Price $1.80

Oxford Special Dynamic Speakers

It was purposely designed to meet the enormous demand for a high quality dynamic speaker, small in size but packed with amazing fidelity reproductions of the larger size. Has an unusually uniform response, throughout the entire audio range, without noticeable slope. A special Midget Receiver is required for use in all types of Midget Receivers, for use in all types of loudspeaker systems and cabinets. Out standing fidelity, and remarkable tone with plenty of volume. Equipped with push-pull transformer for single 45s or 47s. Well made of new high grade materials. Supplies over 2500 ohm field. Surprisingly faithful reproduction. Shipping weight 8 lbs.

$6.50

Single Speakers

This Dynamic Speaker Chassis is similar in design, workmanship and materials to the 5½" model described above, with the exception that this is a D.C. model, and requires that the power is supplied through a transformer. Used type receiver, amplifier, or other source of supply. For use in Radio receivers, amplifiers, etc. Furnished with output transformer for push-pull 45s and 47s, equipped with hum bucking coil. Shipping weight 12 lbs.

$2.90

Oxford Dynamic New Twin Speakers

The use of two Dynasonics in series with matched and balanced tone ranges is one of the most popular methods in use at the present time. The one given here is typical 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 45s and 47s. Shipped wt. 12 lbs.

6½" Twins

$4.65

W13159
P-P 71, 45s, 50c
W13155
P-P 47s, 50c
Cost per Pair, Either Type

5½" Twins

$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 Chasiss assembled. Consists of the No. 106 Dynamic Speaker Chassis, mounted in Metal Frame 14" high, 12" wide. Cone diameter is 10", depth 6½". A heavy gauge metal case is mounted to the frame below the filter, containing Transformer, supplying the filament voltage for the type 30 rectifier, with a high voltage field winding; filter consists of two outside Electrostatic rectifier tubes. Transformer is tapped and speaker can be used for single or push-pull 71-4s, 45s or 50c. An exceptionally fine Dynamic Speaker, for 110 volt, 60 cycle, in an absolute tone fidelity, and a remarkably even response throughout the range of all frequencies within the audible band. Weight 28 lbs.

$12.50

Victor Replacement Speaker

For Models R-32, R-52, RE-45, RE-75-245 Amplifier

Three dynamic speakers, manufactured by Magnavox, is designed expressly for the Victor R-32, R-45, R-52, RE-75 and other models of the same identical characteristics, including diameter and weight of cone, frame and Taper. The size of the cone is 10", with a weight of 6½" deep. Scientifically designed for maximum volume, with full rich tone. Only the highest grade of material and workmanship used. Cone is a superior special milled parabolic, centered accurately and eliminating chattering. Ruggedly constructed. Ideal as a replacement wherever a 3000 ohm field speaker is required. Case is mahogany and finished in a fine finish.

W13931
List $20.00
W13933
Your Cost Each

$4.75
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.

<table>
<thead>
<tr>
<th>Ohms</th>
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<td>50000</td>
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<tr>
<td>100</td>
<td>2500</td>
<td>15000</td>
<td>60000</td>
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</tbody>
</table>

**Type "PA"**

3 Watt Power Wire Wound (Max.)

3/4" long by 1/4" diameter. Tolerance 5%. Range up to 5000 ohms (see list). List 35c.

<table>
<thead>
<tr>
<th>Your Cost</th>
<th>$2.10</th>
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</table>

**Type "PB"**

5 Watt Power Wire Wound (Max.)

1-1/4" long by 1/4" diameter. Tolerance 5%. Range up to 15000 ohms (see list). List 35c.

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<th>$2.10</th>
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**Type "PC"**

10 Watt Power Wire Wound (Max.)

2" long by 1/4" diameter. Tolerance 5%. Range up to 30000 ohms (see list). List 65c.

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**Type "PD"**

15 Watt Power Wire Wound (Max.)

2-1/2" long by 3/4" diameter. Tolerance 5%. Range up to 50000 ohms (see list).

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<th>$3.25</th>
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The New I. R. C. Combination Kit No. 6

You save $7.00 by buying this complete kit at $15.00, 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. 15 watt resistors used in Midget Receivers on account of their size. 1 watt resistors with formula showing how thousands of values can be quickly made up. 2 watt resistors for higher wattage replacements, 6 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. 15/4 watt; 15-1 watt; 15-2 watt; 12-2 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. 14 lb.

<table>
<thead>
<tr>
<th>Price</th>
<th>$16.50</th>
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</table>

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.

<table>
<thead>
<tr>
<th>Price</th>
<th>$4.00</th>
</tr>
</thead>
</table>

Metallized Replacement Resistors

We stock I. R. C. metallized type F-1/4 (1/4 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 resistor wanted from this list, specify resistance value and quote stock number shown opposite each type below.

<table>
<thead>
<tr>
<th>Ohms</th>
<th>Ohms</th>
<th>Ohms</th>
<th>Megohms</th>
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<tbody>
<tr>
<td>100</td>
<td>6000</td>
<td>50000</td>
<td>2</td>
</tr>
<tr>
<td>250</td>
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<td>25000</td>
<td>3</td>
</tr>
<tr>
<td>500</td>
<td>8000</td>
<td>10000</td>
<td>3</td>
</tr>
<tr>
<td>1000</td>
<td>9000</td>
<td>15000</td>
<td>3-1/2</td>
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<tr>
<td>2600</td>
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<td>6</td>
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<tr>
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<td>6</td>
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<tr>
<td>3000</td>
<td>20000</td>
<td>50000</td>
<td>6-1/2</td>
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<tr>
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<td>75000</td>
<td>8</td>
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<tr>
<td>1000</td>
<td>5000</td>
<td>100000</td>
<td>10</td>
</tr>
</tbody>
</table>

*Available in 1-watt type only.

**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.

**HAVE YOU OUR COMPLETE CATALOG No. 54? IF NOT SEND FOR IT.**
Trusted Carbon Resistors

$2.25

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, 10½x1½x½" 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 3/4 WATT SIZES
Ohms Ohms Ohms Ohms Ohms Ohms Ohms Ohms
1000 8000 20000 45000 90000 310000 4 Meg.
39000 10000 25000 51000 160000 400000 4 Meg.
5000 15000 12000 27000 60000 1 Meg.
800 1800 2500 5000 10000 2 Meg.
2-3/4 WATT SIZES
Ohms Ohms Ohms Ohms Ohms Ohms Ohms Ohms
1000 8000 20000 32000 70000 240000 4 Meg.
39000 10000 25000 51000 160000 400000 4 Meg.
5000 15000 12000 27000 60000 1 Meg.

E4434 - Complete Kit of 40 Resistors.

Your Cost $3.95

Carbon Resistors

TRUSTED 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 remain approximately the same at any normal voltage most important for resistance service work. No moisture can 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 2100°F. After this procedure, no ordinary service or overhaul temperatures can damage the resistor.

<table>
<thead>
<tr>
<th>Resistance</th>
<th>½-Watt</th>
<th>1-Watt</th>
<th>2-Watt</th>
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<tbody>
<tr>
<td>200</td>
<td>E4250</td>
<td>E4300</td>
<td>E4450</td>
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<tr>
<td>400</td>
<td>E4251</td>
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<td>E4451</td>
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<td>E4373</td>
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<tr>
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<tr>
<td>Ohms</td>
<td>E4384</td>
</tr>
<tr>
<td>Ohms</td>
<td>E4385</td>
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EATWATER 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 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 White, Yellow, Gray and Blue, Gray and Red, Yellow and Purple, Black and White. Each resistor contains the following resistors: 1-½ watt, 1-3 watt, 1-3 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, Trusted Resistors a serviceable Pocket Size Chart for instantly determining the resistance value of any R. M. A. Color Coded Resistor regardless of make.

Atwater Kent Resistors

<table>
<thead>
<tr>
<th>Resistance</th>
<th>½-Watt</th>
<th>1-Watt</th>
<th>2-Watt</th>
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<tbody>
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<tr>
<td>Ohms</td>
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<tr>
<td>Ohms</td>
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</table>

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 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 White, Yellow, Gray and Blue, Gray and Red, Yellow and Purple, Black and White. Each resistor contains the following resistors: 1-½ watt, 1-3 watt, 1-3 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, Trusted Resistors a serviceable Pocket Size Chart for instantly determining the resistance value of any R. M. A. Color 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 contain the complete selection of TRUSTEST 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. Replacing them from our regular stock as you need them, you are equipped with a complete range of resistances at all times. TRUSTEST COLOR CODE CHART SENT WITH EACH STRIP.

#### 1/4-Watt Two Strips (20 Resistors)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0.1</td>
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</tr>
<tr>
<td>0.47</td>
<td>0.5</td>
</tr>
<tr>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>3.0</td>
<td>4.0</td>
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**Your Cost**: $1.50

#### 1-Watt Two Strips (20 Resistors)

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<tbody>
<tr>
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**Your Cost**: $1.50

#### 2-Watt Two Strips (12 Resistors)

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<tr>
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</table>

**Your Cost**: $1.50

#### 5-Watt Two Strips (10 Resistors)

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<tr>
<td>1000.0</td>
<td>2500.0</td>
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</table>

**Your Cost**: $1.50

---

### Precision Guaranteed Resistors

**Guaranteed Accuracy 1%**

**Rating One Watt**

We offer here a line of Precision Type Resistors made by Precision Resistor Co., which we recommend unconditionally to our customers. They are wound with the very best grade of alloy wire, every one 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.

#### 5-Watt Resistance

**Type "A"**

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

<table>
<thead>
<tr>
<th>Resistance</th>
<th>Ohms</th>
<th>Stock No.</th>
</tr>
</thead>
<tbody>
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<td>2500</td>
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</table>

**Your Cost**: $1.50

#### 10-Watt Resistance

**Type "A"**

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

<table>
<thead>
<tr>
<th>Resistance</th>
<th>Ohms</th>
<th>Stock No.</th>
</tr>
</thead>
<tbody>
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<td>8.0</td>
<td>4516</td>
<td>6000</td>
</tr>
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</table>

**Your Cost**: $1.50

---

### Send for Special Short Wave and PUBLIC ADDRESS Catalogue

---

### Precision Guaranteed Resistors

**Guaranteed Accuracy 2%**

Here is a line of resistors designed to meet the demand for a reasonably priced and yet past high resistance unit recommended for use in MIDGET, AEROPLANE, AUTOBIKE and other receivers where size, weight and plus quality are important. Terminals are of No. 18 copper wire size and 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 1/4" dia., 1 1/2" long; 10 wt. 15" dia., 2 1/2" long. Specify size when ordering.

#### 5-Watt Resistance

<table>
<thead>
<tr>
<th>Resistance</th>
<th>Stock No.</th>
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</thead>
<tbody>
<tr>
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<td>7.4</td>
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<td>E4555</td>
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**Your Cost**: $1.50

#### 10-Watt Resistance

<table>
<thead>
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</table>

**Your Cost**: $1.50

---

### Precision Guaranteed Resistors

**Guaranteed Accuracy 5%**

Here is a line of resistors designed to meet the demand for a reasonably priced and yet past high resistance unit recommended for use in MIDGET, AEROPLANE, AUTOBIKE and other receivers where size, weight and plus quality are important. Terminals are of No. 18 copper wire size and 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 1/4" dia., 1 1/2" long; 10 wt. 15" dia., 2 1/2" long. Specify size when ordering.

#### 5-Watt Resistance

<table>
<thead>
<tr>
<th>Resistance</th>
<th>Stock No.</th>
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</thead>
<tbody>
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<td>E4573</td>
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**Your Cost**: $1.50

#### 10-Watt Resistance

<table>
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**Your Cost**: $1.50

#### 20-Watt Resistance

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<td>E4593</td>
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<td>7.4</td>
<td>E4594</td>
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<td>8.0</td>
<td>E4595</td>
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</table>

**Your Cost**: $1.50
**Trutest Vitreous-Enameded Fixed Resistors**

Vitreous enamel insulation. Capable of withstanding high temperature non-porous—does not allow moisture. Rapid heat dissipation produces long life and permanent resistance value. Tri-Test Vitreous-Enameded Resistors are equipped with 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.

### 3/4" Isolatube 10 Watt Rating

<table>
<thead>
<tr>
<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
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<tbody>
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<td>1 2220 22</td>
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### 3/4" Isolatube 20 Watt Rating

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<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
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<tbody>
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<td>E4574</td>
<td>1 750 81 610</td>
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<td>1 750 81 610</td>
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<td>1 750 81 610</td>
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**25 Watts (2" Long x 1/4" o.d.)**

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<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
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</thead>
<tbody>
<tr>
<td>E4581</td>
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<td>1 290 126 155</td>
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<td>1 290 126 155</td>
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<td>E4584</td>
<td>1 290 126 155</td>
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**6" Long x 1/4" O. D. - 75 Watts**

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<td>E4590</td>
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### 1/4" Isolatube 50 Watt Rating

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<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
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<tbody>
<tr>
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<td></td>
<td>E4592</td>
<td>1 2200 250 500</td>
<td></td>
</tr>
<tr>
<td>E4593</td>
<td>1 2200 250 500</td>
<td></td>
<td>E4594</td>
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</table>

**50 Watts (4" Long x 1/4" o.d.)**

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<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
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<td>E4602</td>
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</tr>
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<td>1 100 126 200</td>
<td></td>
<td>E4606</td>
<td>1 100 126 200</td>
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</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
<th>Stock</th>
<th>Milli-Ohms</th>
<th>Your Cost Each</th>
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<td>E4607</td>
<td>1 100 126 200</td>
<td></td>
<td>E4608</td>
<td>1 100 126 200</td>
<td></td>
</tr>
<tr>
<td>E4609</td>
<td>1 100 126 200</td>
<td></td>
<td>E4610</td>
<td>1 100 126 200</td>
<td></td>
</tr>
</tbody>
</table>

**~Wholesale Radio Service Co., Inc.~**

436 S. Sixth Ave., New York
## Voltage Dividers and Miscellaneous Items

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

- **New!** 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 5A type tube was the only type of 7 prong with the large socket and present analyzer plugs will not accommodate the new type of 7 prong small sockets.
- Bring your analyzer up to date by installing this complete kit of analyzer plug with associate adapters.

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
<th>K13611—907WLA Analyzer Plug &amp; 6 ft. cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>$2.06</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>$1.25</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>4</td>
<td>$1.25</td>
<td></td>
</tr>
</tbody>
</table>

**You can use the 7 prong in or out of the receiver.**

### Kenyon Universal Output Transformer

- The average dynamic speaker voice-coil has an impedance of 8 ohms. Your turn-on resistance should be used 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 actual 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 resonate the low or high notes.

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
<th>C2124 List $1.85</th>
</tr>
</thead>
<tbody>
<tr>
<td>907WLA</td>
<td>$1.09</td>
<td></td>
</tr>
</tbody>
</table>

**Ward Studio Microphone**

A genuine single button studio microphone that looks and reproduces like the big professional microphones.

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
<th>M13375 Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>907WLA</td>
<td></td>
<td>$1.85</td>
</tr>
</tbody>
</table>

### Radio Amateur's Handbook

- This very informative book published by the American Radio Relay League contains all the information every one needs for the successful practicality of Amateur Radio Communication.
- It explains every equipment of the construction of your first Transmitter and Receiver and gives you the key to secure your license and cover your operation of Amateur Radio. Profusely illustrated.
- This is nearly 885 pages of solid radiology.

<table>
<thead>
<tr>
<th>Model</th>
<th>Your Cost Each</th>
<th>Y15945 Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>907WLA</td>
<td>$1.00</td>
<td></td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Description</th>
<th>Ohms</th>
<th>Stock No.</th>
<th>Description</th>
<th>Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE331</td>
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<td>GE335</td>
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<tr>
<td>GE332</td>
<td>2,000</td>
<td></td>
<td>GE336</td>
<td>50,000</td>
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<tr>
<td>GE333</td>
<td>3,000</td>
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<td>GE337</td>
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<td>GE338</td>
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<tr>
<td>GE339</td>
<td>10,000</td>
<td></td>
<td>GE340</td>
<td>250,000</td>
<td></td>
</tr>
</tbody>
</table>

Your Cost Each 50c

No. 40 Series Dual Potentiometers

Models 635 and 636
Front control, No. P-17961 70c
Rear control, No. P-21688 65c
G8323 Your Cost Single unit with Model 641, 642, 652, 654 70c
Front control, No. P-18588 65c
Rear control, No. P-18599 75c
G8324 Your Cost Front control, No. P-18390 70c
Rear control, No. P-18599 75c
G8327 Your Cost

Original Zenith Volume Controls


G4032 $1.48
Your Cost, Each Single Unit, with switch, used in Models 52, 53, 532, 54, 542, 55, 57, 62, 64, 76, 76, 626, 622, 624, 672, 71, 72, 73, 77, 712, 722, 732, 777. Zenith Part No. 63-83.

G8321 $1.23
Front control, No. P-18422 70c
G8328 Your Cost Rear control, No. P-18421 75c
G8327 Your Cost

Replacement Volume Control

For Victor R-32, R-52, RE-45, RE-75 A greatly improved unit made by Prima designed especially for the above Victor receiver. No change in receiver necessary to install this control. Smooth and rattleless in operation. Wire wound. Shipping weight 1 lb.

G290 $95

No. 70 Series Volume Controls

Composition element bakelite case with metal dustproof bakelite cover, furnished either with or without shunt "built-in" switch. This series has the full wiping contact between the movable member and the hard smooth composition resistance element. Size 14" in diameter, 1" in depth, 1' in shaft length, With Switch 50c Without Switch 70c

Stock No. Description
GE361 200 Variable-Mu Cathode
GE362 400 Microphone Button
GE363 1000 Untuned Antenna
GE364 2000 Untuned Antenna
GE365 3000 Untuned Antenna
GE366 5000 Antenna Shunt
GE367 10000 Antenna and Cathode Bias
GE368 25000 R.F. Bias

Your Cost Each 50c

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 Stock No. Description
GE400 1000 Untuned Antenna
GE401 2000 Cathode Bias
GE402 3000 R.F. Primary Shunt
GE403 5000 Antenna Shunt
GE404 10000 Antenna or R.F.
Primary Shunt
GE405 250000 Photograph Pick-up Screen Voltage
GE406 50000 Screen Voltage
GE407 75000 Cathode Bias
GE408 100000 R.F. Plate Voltage
GE409 250000 Audio Transformer
GE410 500000 Unisolated Shunt Tone Control

Without Switch Your Cost Each 60c

No. 2890 Series Composition Element Type

(Bakelite Case and Cover-Shunt Not Insulated)

Entire shell and back cover are of genuine bakelite which gives a pleasing appearance and endurance. Available with most critical resistance gradients and will carry a maximum power due to the special current and the time-tried and proven rocker arm-roller contact assembly, utilizing our latest improved resistance element.

This is the best Control with Interchangeable Shaft

These Frost controls have interchangeably shunts and the standard resistance can be used in sets similar to Stromberg-Carson 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 tone controls and housings to be within commercial standards of electrical and mechanical accuracy.

Without Switch Stock No. Description
GE379 5000 Untuned Antenna
GE380 10000 Untuned Antenna
GE381 15000 Cathode Bias
GE382 25000 R.F. Primary Shunt
GE383 50000 R.F. Primary Shunt
GE384 75000 Audio Transformer
GE385 100000 Audio Transformer
GE386 250000 Unisolated Shunt Tone Control
GE387 500000 Audio Transformer

Without Switch Your Cost Each 60c

Wholesale Radio Service Co., Inc. 100 Sixth Ave., New York
Centralab

Free Volume Control Guide will be sent when ordering $5 or more C. R. L. Controls.

With Switch 50° 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. It is a 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.

El Potentiometers

Three Terminals

Can be used for Tone, Pick-up and Volume Control. Shaft extends 15" from case, milled flat for set screw or push-on knobs. Bakelite case, 1 1/4" Bushing, 3/4".

Stock No.

With
Without

Resistance
Switch Switch in Ohms
H9020 H9000 1000
H9021 H9001 2000
H9022 H9002 5000
H9023 H9003 10000
H9024 H9004 25000
H9025 H9005 50000
H9026 H9006 100000
H9027 H9007 250000
H9028 H9008 500000
H9029 H9009 1000000
H9030 H9010 1 Megohm

Without A. C. Switch

Your Cost Each

With A. C. Switch

Your Cost Each

44°
59°

Claroostat

Replacement Volume Controls

FOR VICTOR MODELS R-32, RE-45, RE-52, RE-75 Dual volume control, 3600-3800 ohms. Shipping weight 8 oz. on any 1 control.

Your Cost

$1.00

REPLACEMENT VOLUME CONTROL SAVES YOU THE COST OF THE SWITCH

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 product is designed to fit different makes of receiving sets with a minimum amount of work on the part of the service man. 1/4" bushing, shaft length 2.5" from base of control.

G.E. Mazda Pilot Bulbs

Tubeular shape, miniature base. For use in radio dial dials, etc. Shipping weight 1 lb per box of ten.

Your Cost

Stock No. Voltage Each per 10
F6756 2.5 $0.08 $0.62
F6757 2 $0.11 $0.66
F6758 2.5 $0.08 $0.62
F6759 2 $0.11 $0.66
F6760 6 $0.42 $2.52
F6761 6 $0.42 $2.52

Victor-Mazda Pilot Lamp

Intermediary base, 110 volt, pilot lamps designed for use in Victor and Colonial radio models.

Victor-Mazda Pilot Lamp

Your Cost Each

Per Carton of 10

17¢

1.49

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

Send For Special SHORT WAVE and PUBLIC ADDRESS Catalog

YAXLEY

ELECRAD 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 Elecrad 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

Venue of A. C. Switch

List Price - $1.00

Your Cost for Any of Above Controls, Each

Snap-on-Switch - List $0.50

G9005 - Your Cost Each

60¢

29¢
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


The most up-to-date superheterodyne coil kit ever offered 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 stages, 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, wound 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, insulating base, midget in size, fully shielded in a round aluminum can, 23/4 x 1 1/2". The 3rd I. F. unit is single tuned, C. T., used in the duplex Du-Bro Triode tube. All peaked at 176 K. The pre-selector and oscillator coils are of special construction on wooden spools, uninsulated. Complete kit of all necessary coils, padding condensers, blue print diagram. Shpg. wt. 4 lbs. Three-gang condenser.

$5.95

H1002 Your Cost

Complete kit as above, except that Trutest 3-gang variable condenser, with special tracking section. Shpg. wt. 7 lbs.

$7.90

5 Tube Super-Het, A.C., D.C. Coil Kit

One of the finest kits 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 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 1/8 x 3 inches high. Utilizes the Trutest precision four-gang variable condenser. Litz wire wound, double tuned, Litz transformer. A complete kit of coils with diagram, less condenser.

$4.45

H1003 Your Cost

Complete kit as above, with Trutest precision four-gang condenser. Shpg. wt. 9 lbs.

$6.95

5 Tube Super-Het, A.C., D.C. Coil Kit

One of the finest kits 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 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 1/8 x 3 inches high. Utilizes the Trutest precision four-gang variable condenser. Litz wire wound, double tuned, Litz transformer. A complete kit of coils with diagram, less condenser.

$4.45

H1003 Your Cost

Complete kit as above, with Trutest precision four-gang condenser. Shpg. wt. 9 lbs.

$6.95

12 Tube Super-Het. Broadcast Deluxe Coil Kit—200-550 Meters

Latest Type Tubes Used—2A3 P. P. Power

Automatic Volume Control

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 inductor circuit is the ease with which it makes an ideal unit for all types of high quality receiver circuits. Two bronze-springs hold entire unit in the shield. Can size 1 1/2 x 2 1/2" high. Complete coil kit furnished free for direct wiring.

$3.80

H1001 175 K. C.

Your Cost

$88 c

H1002 456 K. C.

Your Cost

$88 c

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. Circuit may be fed to a standard T. R. F. or Super-Het. For use with a 2-gang .00014 mfd. condenser. Diagram of hook-up furnished. Shipping weight 1 lb.

$3.90

H1014 Your Cost

Shielded Pre-Selector Coil

A high-gain band-pass pre-selector unit shielded in aluminum can, 2 inches square, 3 inches high. Greatly reduces any r.f. voltage on wind-wound on a special treated base. Extremely sensitive. Shpg. wt. 8 oz.

$3.90

H1007 Your Cost

$69 c

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 usual i-f stage with no loss in efficiency. Top quality Litz wound, double tuned, fully shielded in a round aluminum can, 3" high, 2" square. Included fully shielded in a square aluminum can, 3" high, 2" square. Has two spade bolts for mounting. Shipping weight 3 lbs.

$1.25

H9327 Your Cost Each

Trutest R. F. Chokes

These R. F. chokes are latticed wound, patented design, to fasten down. For all type broadcast receivers. 8 millihenries.

$1.00

H1010 Your Cost

16 Millihenries

$1.20

H1021 Your Cost

For Short Wave Work. M. H.

$1.90

H1012 Your Cost

Hammarlund I. F. Transformers

These coils are identical to those used in the Hammarlund Comet Receivers. Designed easy to use with 58 or 35 type tubes. Tuned by adjustable condensers with mica dielectric and insulating base. Wax impregnation and sturdy construction provide excellent stability. The shield cans are 2 1/4 x 6" high. Base mounting.

$2.75

H8385 Your Cost

List $2.25

H8400—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

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 inductor circuit is the ease with which it makes an ideal unit for all types of high quality receiver circuits. Two bronze-springs hold entire unit in the shield. Can size 1 1/2 x 2 1/2" high. Complete coil kit furnished free for direct wiring.

$3.80

H1001 175 K. C.

Your Cost

$88 c

H1002 456 K. C.

Your Cost

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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. Circuit may be fed to a standard T. R. F. or Super-Het. For use with a 2-gang .00014 mfd. condenser. Diagram of hook-up furnished. Shipping weight 1 lb.

$3.90

H1014 Your Cost

Shielded Pre-Selector Coil

A high-gain band-pass pre-selector unit shielded in aluminum can, 2 inches square, 3 inches high. Greatly reduces any r.f. voltage on wind-wound on a special treated base. Extremely sensitive. Shpg. wt. 8 oz.

$3.90

H1007 Your Cost

$69 c
Shipping weight 5 lbs.

**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.

Q16275-25 Ft. Coil 50 Ft. 500 Ft. 17c 33c 50c

**18 Gauge Stranded Push-Back Wire**
The same high quality as above. Size 18. Stranded and tinned. Red or black. One piece coils. Q16310-25 Ft. Coil 50 Ft. 500 Ft. 17c 33c 50c

**22-Gauge Stranded Copper Push-Up Wire**


Q16278-25 Ft. 50 Ft. 100 Ft. 14c 26c 51c

**Colored Rubber Hook-Up Wire**

No. 18 stranded and tinned copper wire covered with colored rubber compound. Solders instantly. 25 ft. to coils. Colors black, green, or red in standard size, length and quality.

Q16271-Your Cost Per Coil 10 Cils. $1.00

**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 Lot of Lots of Lots Each 25 Each 50 Each 12c 21c 13c

- **7/26 STRANDED**
  - Q16113-100 ft. coils.
  - Single Lot of Lots of Lots Each 25 Each 50 Each 16c 32c 16c

- **7/24 STRANDED**
  - Q16114-100 ft. coils.
  - Single Lot of Lots of Lots Each 25 Each 50 Each 20c 40c 20c

- **7/22 STRANDED**
  - Q16115-100 ft. coils.
  - Single Lot of Lots of Lots Each 25 Each 50 Each 24c 48c 22c

**Emalled Copper Wire**

- **7/24 STRANDED**
  - Q16116-100 ft. coils.
  - Single Lot of Lots of Lots Each 25 Each 50 Each 26c 52c 26c

- **7/22 STRANDED**
  - Q16117-100 ft. coils.
  - Single Lot of Lots of Lots Each 25 Each 50 Each 34c 68c 34c

**Approved Fixture Wire**

This is the highest type of wire available for this purpose. Meets the Board of Fire Underwriters approval, and is recognized by the Fireman inspection bureau. 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 1/4 R.C.**
  - Your Cost Per Foot Your Cost 100 Feet Your Cost 500 Feet Your Cost 1000 Feet
  - Q16293-2 Conductor 18 Gauge 1/4 R.C.
  - Your Cost Per Foot 1 1 1/2 2
  - Your Cost 100 Feet 2 5 10
  - Your Cost 500 Feet 2.5 5 10
  - Your Cost 1000 Feet 3 6 12

**Parallel Silk Lamp Cord**

New code insulation lamp cord. Consists of two conductors laid parallel and covered with braided silk. Has inner braid. The newest cord for portable lamps, extension light, etc., available in the following popular colors: White, brown, maroon, old gold, black, green. Specify color when ordering. Shipping weight 3 lbs. to 100 ft.

- **10 Gauge 1 1/2**
  - Q16297-10 Gauge 1 1/2
  - Your Cost Per Foot 1 1 1/2 2
  - Your Cost 100 Feet 2 5 10
  - Your Cost 250 Feet 2.25 5 10
  - Your Cost 500 Feet 4.25 10 20

**Silk**

Silk or cotton. Very handy for hooking receiver up to aerial and around as well as for general fixture use in extensions, etc. Silk comes in white, old gold, maroon and brown. Cotton available in white and brown and orange. Specify color when ordering.

- **18 Gauge 1/4 1/64**
  - Q16295-100 Ft. 18 Gauge 1/4 1/64
  - Silk 1/4 1/64 1/4 1/64 1/4 1/64
  - 100 Ft. 1/2 1.75 1.75 1.75
  - 500 Ft. 1.75 1.75 1.75
  - 1000 Ft. 3.5 3.5 3.5

**Single Wire**

Silk covered with colored rubber for a smooth covering. Available in any of the following colors: black, red, green, orange, yellow, blue. Shipping 5 lbs. to 100 ft.

- **18 Gauge 1/6**
  - Q16296-100 Ft. 18 Gauge 1/6
  - 1/64 1/32 1/64 1/32 1/64 1/32
  - 100 Ft. 5 6 5 6 5 6
  - 500 Ft. 3 2.5 3 2.5 3 2.5
  - 1000 Ft. 3.75 3.75 3.75

**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 leather rubber. This wire is approved by the underwriters and can be used in or out of reach and visible. Shipping weight 5 lbs. to 100 ft.

- **20 Gauge 1/32**
  - Q16299-20 Gauge 1/32
  - Your Cost Per Foot 1 1/2 2
  - Your Cost 100 Feet 5 10 20
  - Your Cost 250 Feet 10 20 40
  - Your Cost 500 Feet 15 30 60

**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 select the wire that will take care of any job you have at extremely low cost. Shipping weight 4 lbs. 100 ft.

- **Cotton**
  - Y20875-25 Ft. 18 1/64 Single conductor for Aerial, Ground and General Use.
  - Y20876-250 Ft. 22 1/64 Single conductor for Bailing, etc.
  - Y20877-100 Ft. 14 1/64 Single conductor for General Heavy Fittings.
  - Y20878-100 Ft. 18 1/64 Twisted Pair for Underwriters and Heavy Duty, etc.
  - Y20879-50 Ft. No. 14 Twisted Pair for Power Amplifier, etc.

- **Silk**
  - Y20880-100 Ft. 18 1/64 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 Film Leads and Portable equipment.

- **Shielded Lead-in**
  - Your Cost Per Spool 82c
  - Your Cost Complete Assortment of 8 Spools .625

- **Unsleeved Lead-in**
  - Your Cost Per Spool 60c
  - Your Cost Complete Assortment of 8 Spools .500

**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, hanger wire, lead-in, spaghetti etc., Shipping weight 5 lbs.

Q16279-Your Cost 32c

HAVE YOU OUR COMPLETE CATALOG NO. 54? IF NOT SEND FOR IT.
Trutest Deluxe 4-Purpose Aerial and Line Noise Suppressor Kit

Designed to meet present-day conditions of the broadcast channel. 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 sensitive having greater sensitivity, higher 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
L12663 Your Cost $2.45
L12664 Your Cost $1.39

Complete kit as above, less the A.C. line filter.

L12664 Your Cost $1.95

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 60c

Long Shank Switch

Same as above except has long shaft; 1" ideal for wood panels.

M12435 Each 17c

D. P. D. T. Toggle Switch

Similar in appearance to the above but not suitable for A.C. circuit.

M12433 Each 1f 20c

American Testing Kit

Combines a complete line of solderless and interexchangeable parts for all types of testing. Two long and short insulated test probe handles, two plug-in-prongs, two plug-ins, two insulated taped 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

Single Pole Double Throw Switch

Three terminals, one common. One pole on each end.

M12384 Each 15c Per Dozen $1.70

ACA Neutralizing and Aligning Tool Kit

For any adjust- ment on all types of receivers. Contains alligator side wrench, 6 insulated screw driver, metal nib, 1/4" hex nut wrench, 1/4" square nut insulated wrench, 1/4" hexagon metal side wrench and 1/4" insulated screwdriver. Shpg. wt. 1 lb.

P15097 Your Cost $2.35

Wholesale Radio Service Co., Inc. 100 Sixth Ave. New York

Akaformer Noise Reducer Kit

This system consists of the use of specially designed transformers for the elimination of all forms of man-made static, noise, 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 and insulating electric current. The filter is capable of carrying a continuous current of 2/3 amperes at 125 volts A.C. or D.C. A six foot extension cord complete with attachment plug is provided. A binding post in provided on the crystal or filter unit and, whenever used in conjunction with a motor, connection should be made between post and motor frame, otherwise connect from post to binding post. This system is made for two sizes, 6 inch and 9 inch. The long shank for use where ordinary socket wrenches do not reach. Shpg. wt. 1 lb.

P15050 Your Cost $4.20

ICA Neutralizing and Aligning Tool Kit

For any adjustment on all types of receivers. Contains alligator side wrench, 6 insulated screwdriver, metal nib, 1/2 nut wrench, 1/2 square nut insulated wrench, 1/2 hexagon metal side wrench and 1/2 insulated screwdriver. Shpg. wt. 1 lb.

P15097 Your Cost $2.35

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 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 provides ample gain with perfect stability. Utilizes two 864 tubes. Non-microphonic, fully shielded microphone and output cables. Complies directly to existing standard microphone terminals or standard 200 ohm line. Mounted in neat crystaline fitted case, 4x4 1/2 inches. Shpg. wt. 9 lbs. Complete amplifier and head, less tubes.

M13376 Last Price $40.00 Your Cost $23.52

Bruno Condenser Microphone Kit

Parts carefully machine from solid castings provide precise clearance between back plate and diaphragm. Selected alloy sheet 0.002 inch is used for diaphragm, and stretched beyond resonant point. Fully made up against moisture, dust and climatic changes. Complete kit of parts with instructions for assembly. Shpg. wt. 4 lbs.

M13377 Last $5.00 Your Cost $2.94

Condenser Microphone, completely factory assembled and tested.

M13378 Last $10.00 Your Cost $5.88

Noise Suppressors and Filters

RCA Universal Filter Unit—Type A

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, radio, crystal, etc. The filter is capable of carrying a continuous current of 2/3 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 crystal or filter unit and, whenever used in conjunction with a motor, connection should be made between post and motor frame, otherwise connect from post to binding post. This system is made for two sizes, 6 inch and 9 inch. The long shank for use where ordinary socket wrenches do not reach. Shpg. wt. 1 lb.

P15050 For set of 4 $4.20
P15051 For 1/16 hex. nuts, 3 cts.
P15052 For 1/8 hex. nuts, 3 cts.
P15053 For 1/4 hex. nuts, 8 cts.
P15054 For 1/4 hex. nuts, 8 cts.

Your Cost $10.00 Your Cost Special $8.88

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 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 provides ample gain with perfect stability. Utilizes two 864 tubes. Non-microphonic, fully shielded microphone and output cables. Complies directly to existing standard microphone terminals or standard 200 ohm line. Mounted in neat crystaline fitted case, 4x4 1/2 inches. Shpg. wt. 9 lbs. Complete amplifier and head, less tubes.

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M13377 Last $5.00 Your Cost $2.94

Condenser Microphone, completely factory assembled and tested.

M13378 Last $10.00 Your Cost $5.88
Separate transformers. A 50 ft. coil of transmission line for Your men for antenna installation, plus 100 ft. shielded wire. Complete instructions. Shipping weight 10 lbs. 

\[
\text{R17133} \quad \text{List} \quad 55.00 \\
\text{Your Cost} \quad 50.00 \\
\text{R17134} \quad \text{Your cost} \\
\]

**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.

\[
\text{R17116} \quad \text{List} \quad 5.00 \\
\text{Your Cost} \quad 4.50 \\
\]

**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.

\[
\text{R17130} \quad \text{List} \quad 5.00 \\
\text{Your Cost for Kit of 10} \quad 4.50 \\
\]

**Lynch "U.S.N. Standard" Antenna Insulators**

These Insulators are especially designed to take care of the noise and will eliminate the loss of radio frequency energy due to lossy, faulty and defective insulators. They are an absolute necessity for the D. X. fan, and improve reception and volume on long, medium and distant stations. Shipping weight 3 lbs.

\[
\text{R17107} \quad \text{List} \quad \text{Complete Kit of 8} \quad 5.30 \\
\text{Your Cost} \quad 4.50 \\
\]

**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 filterized 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 wire. No tools required to install. Ship wt. 10 lbs.

\[
\text{R12603} \quad \text{Your Cost for this Kit} \\
\quad 2.73 \\
\]

**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. This kit will eliminate the line noise you have—no matter where you live the interference with beligerent relief from radio noises. Consists of one antenna coupler, one receiver coupler and 75 feet of shielded wire. Easily installed requires no attention. Shipping weight 10 lbs.

\[
\text{R12604} \quad \text{Your Cost Complete Kit} \\
\quad 5.73 \\
\]

**Amplex Ex-Static Three Purpose Antenna System**

This Antenna System has proven to give over 80% of the improvement 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 strap, insulators and a shielded center arrester, together with Type XX for antenna, Type XR for receiver. Four sets can be operated on one aerial with additional XR units.

\[
\text{R12659} \quad \text{Your Cost per Unit} \\
\quad 1.98 \\
\text{R12688} \quad \text{Additional XR Unit} \\
\quad 4.44 \\
\text{R12664} \quad \text{Your Cost Each} \\
\text{Kit of one XX and XR unit, 50 ft. shielded wire} \\
\quad 5.73 \\
\]

**Du-plex Aerial Eliminator and Antenna Intensifier**

When used as an Aerial Eliminator, it eliminates outdoor noises, reduces noise and improves quality. When used as an Antenna Intensifier, it steps interference of stations, sharpens tuning and better reception. It is adjustable for all types of Radio Receivers.

\[
\text{R12656} \quad \text{Your Cost Each} \\
\text{Per Cartron of 12} \\
\text{57.20} \\
\]
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. Not tested, in accordance with specifications of highest quality tubes. Every tube subject to a six months' guarantee.

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>127A</td>
<td>5 V Pwr. Amp.</td>
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<tr>
<td>171</td>
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<td>199X</td>
<td>3.3 V Det. &amp; Amp.</td>
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<td>195V Det. Amp.</td>
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<td>201</td>
<td>5 V Det. &amp; Amp.</td>
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<td>7.5 V Pwr. Amp.</td>
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<td>245X</td>
<td>2.5 V Pwr. Amp.</td>
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<td>265 X</td>
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<tr>
<td>275</td>
<td>2.5 V Rectifier</td>
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<tr>
<td>281</td>
<td>7.5 V Rectifier</td>
<td>$0.25</td>
</tr>
</tbody>
</table>

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, 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 possible to warp them. Its flexibility is remarkable and due to its small size, it adapts itself to many unusual situations. 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 ejection mechanism, it will not shut or mar records in any way. It can be started or stopped, loaded or unloaded at will. Has positive clamp preventing slipping 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 inch wide, 12 inch long. 115 volt, 50-60 cycle. Shp. wt. 25 lbs. Full instructions with each unit.

$12.50

Utah Stadium A. C. Speaker
12 1/4" Cone

This Speaker is used in Power Amplifiers, Public Address Systems, etc., using '45 or '60 type tubes for 110 volt A. C. 60 cycle supply, and with transformer suitable for either single or push-pull 45s or 58s. Has 6 volt dry rectifier. Overall size 11 1/2" wide; 12 1/2" high; 7 1/2" deep. Cone diameter 10". Shipping weight 20 lbs.

W159215 For single 45s
Your Cost $6.95

W159216 For P-74s
Your Cost $8.25

Block Plane

A 7" plane with hardened and tempered steel blade. 1 1/2" wide. Adjustable cutter. A real value. Shp. wt. 3 lbs.

P14730 List $1.25
P14717 Your Cost $1.95

Adaptable Circle Cutters

Designed for cutting holes of 1/4" 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 clog. Ideal for cutting socket and meter holes, etc. Adjustable Circle Cutters with a beading cutter attached, Shipping weight 6 lbs. $1.95

P14717 Your Cost $1.95

Adjustable Circle Cutter only. Shipping weight 5 lbs. $1.19

P14718 Your Cost $1.19

EXTRA CUTTER, for above tools. Shipping weight 2 lbs. $25

P14716 Your Cost Each $25

Quality Hardware

H & H Long Shank Switch

1" Shank Underwriter approved. 1 amp. 125 v.

$12.50

Kap Fire Extinguisher

The Kap Fire Extinguisher is the only hand type extinguisher licensed to use the genuine DuGasChemical. 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 garage. It cannot freeze, evaporate, deteriorate, cake or harden. After extinguishing a fire it leaves no fumes, no mists, no damage or no water. The chemials are non-injurious. Size 14" high. Comes complete with mounting brackets and screws. Shp. wt. 5 lbs.

Your Cost Each $70

Six for Rollins for above Kap Fire Extinguisher

Your Cost $10.80

Notched Hedge Shears

Made of best quality drop forged steel. Blade is highly polished accurately ground and set. Hardened bolt and nut, spring tension washer, expanded seamless steel ferrule. Each blade tang has a patent dutech spring making it impossible for handle to loosen. Sizes: 7" cutting blade. Shipping weight 4 lbs. $1.19

P153110 Your Cost $1.19

Quality Grass Shears

Forged, steel polished blades; fitted with spring tension washers. Green Duco finish. Made to an exact 6" blade. Overall 12 1/2". Shipping weight 2 lbs.

P151016 Your Cost $45

Pruning Shears


P14979 Your Cost Each $29

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 our existing Thordarson 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, 25x25x3 high. Shp. wt. 2 lbs.

C2450 Your Cost, Special $69

Carbon Resisters

1 1/2" Each

A very fortunate purchase enables us to offer these reliable carbon resistors at unbelievable low price. The following resistances: 400; 500; 600; 1000; 1500; 2000; 2500; 3000; 5000; 10,000; 15,000; 25,000; 30,000; 50,000; 75,000; 100,000; 150,000; 250,000; 500,000; 750,000; 1,000,000; 2 meg.; 3 meg.; 5 meg.; 10 meg.; 20 meg.; 30 meg.; 50 meg.; 100 meg.; Any Size...

Any Size Per dozen $1.25

Any Size Per pound $0.95

If you do not find the item that you require in this catalog, it is sure to be in our Spring 1933 Catalog. If we do not have a copy of this complete catalog, send for it now.

Quality Hardware

Notched Hedge Shears

Maded of best qualituy drop forged steel. Blade is highly polished accurately ground and set. Case hardened bolt and nut, spring tension washer, expanded seamless steel ferrule. Each blade tang has a patent dutech spring making it impossible for handle to loosen. Sizes: 7" cutting blade. Shipping weight 4 lbs. $1.19

P153110 Your Cost $1.19

Quality Grass Shears

Forged, steel polished blades; fitted with spring tension washers. Green Duco finish. Made to an exact 6" blade. Overall 12 1/2". Shipping weight 2 lbs.

P151016 Your Cost $45

Pruning Shears


P14979 Your Cost Each $29

WHOLESALE RADIO SERVICE CO., INC. - 106 Sixth Ave., New York.
Ratchet Screw Driver

Tool steel blade. Nickel plated ferrule, hardwood handle. Has 3 position ratchet adjustment that allows operation to right or left. Shipping weight 1 lb.

Stock
Blade
Length
Net
P14569
3"  
40c
P14570
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

A NEW DEAL

Set consisting of one Shockless Insulated 4½" screwdriver with 2" nickeled blade, and one 7¼" screwdriver with 3½" forged steel blade and hardwood handle finished in red. These are two of the most popular sizes in demand by every worker. Shipping wt. 1 lb.
P15090
Your Cost per Set
$12

Bench Grinder

Will fit any bench up to 1½" in thickness. Grinding wheel is 4" in diameter and 1" wide. Adjustable steel sanding guide. Has dirt proof gear case with extra long bearing which assures a true running wheel.

Shpg. wt. 6 lbs.
P14739—List $1.00. Your Cost
48¢

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
ASSORTMENT 9 Drills; sizes 1/16 to 5/8 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. Sizes to set:
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, 5 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.
P14935—Your Cost
39¢

P14715—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, faced 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¢

Bench Vises


Width of jaws 2¾", Shipping weight 3 lbs.
14699—List $7.25. Cost
$1.25

Neutralizing Tool

Has clip for pocket. 1¼" nut wrench with key slot and neutralizing screwdriver on removable inside rod; 2½" 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
Majestic
Balneut for Majestic Sets
Overall length 23½". Has screw driver and offset wrench for ⅛" hex nuts that extends tool handle ¾".
P15085—Your Cost
32¢

For Crosley Sets
Extends tool ⅛". Has socket in end for ⅛" square nuts.
P15086—Your Cost
10¢

Alligator Neutralizing Wrench and Screw Driver

Alligator wrench with 3½" opening. Securely fastened to extra strong high insulation rod size ⅛×⅛×⅛. Hardened steel screw driver blade.
P14521—Your Cost
35¢

Pencil Type Test Prods

Spring prongs at end of probe allows changing from spindle lugs to phone tips or to spring clips. Handles are 6¾" long and only 3½" in diameter, ideal for getting into tight places. Needle point phone tips are used for piercing through insulated wire. Equipped with 6½" black and red flexible wire. Complete with two Alligator Clips, two needle point Phone Tips, and two

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 — mixer in any bowl or pan. One hand slides it on and off the stand. Bowl turns automatically at controlled speed, and delivers up to 40 tips back to beaters drawn into bowl. Guarded beater easily removed. Sanitary juice extractor with half-tall 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, 12 1/4" long, 7" wide. For 110 volts A. C. 25-60 cycle or 110 volts D. C. Shpg. wt. 24 lbs.
V18275 List $13.95
Your Cost

$4.90

12 1/4" YOuR CoSt

New commercial Kitchen Set

V1812-Your Cost

$1.40

1/2 HP, 110 volt power unit. Shpg. wt. 7 lbs.
V18110 Low power unit. Your Cost

$1.93

Slicer and Shredder Attachment, operates with same power unit as Meat Grinder. Shpg. wt. 3 lbs.
V18115 Low power unit. Your Cost

$1.57

Meat Grinder and Chopper Attachment, less power unit. Shpg. wt. 5 lbs.
V18119 Your Cost

$1.57

Coffee Grinder Attachment. Shpg. wt. 6 lbs.
V18118 Your Cost

$2.28

Power Unit for use with above Slicer and Shredder or Meat Grinder Attachments. Shpg. wt. 7 lbs.
V1816 Your Cost

$12.95

Food Chopper attachment for above mixer. Complete with power unit, food chopper, 2 vegetable knives and one meat knife. Shpg. wt. 5 lbs.
V18128 Your Cost

$3.50

Can Opener attachment for above mixer. Operates from same power unit as chopper.
V18127 Your Cost

$88

Knife Sharpener attachment for above mixer. Operates from same power unit as chopper. Shpg. wt. 3 lbs.
V18119 Your Cost

$1.40

Power unit only for above can opener and knife sharpener. Shpg. wt. 7 lbs.
V18110 Your Cost

$1.93

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.
V18275 Your Cost

$12.95

The powerful, multi-speed motor makes it possible to do everything from mixing fruit cake to beating a single egg. Shpg. wt. 26 lbs.
V18275 Your Cost

$5.95

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 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.
V18239 List $5.95 Your Cost

$6.00

Single Unit 8-Cup Capacity

V18230 List $9.00 Your Cost

$6.00

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.
V18233 Your Cost

$3.25

Electromix Electric Mixer
Electromix cuts cooking time in half. Whip your cream in 1 min. and 30 sec. No intricate ad- justments, merely attach mixer to current. Motor finished in cadmium prevents rusting and assures long life. Green transparent glass jar, 3 1/4", overall height of mixer 7 1/4". Complete with cord and plug. For 110 volt A. C. only. Shpg. wt. 6 lbs.
V18124 Your Cost

$98

Electromix Electric Mixer
Electromix cuts cooking time in half. Whip your cream in 1 min. and 30 sec. No intricate ad- justments, merely attach mixer to current. Motor finished in cadmium prevents rusting and assures long life. Green transparent glass jar, 3 1/4", overall height of mixer 7 1/4". Complete with cord and plug. For 110 volt A. C. only. Shpg. wt. 6 lbs.
V18124 Your Cost

$4.75

WHITE CROSS

Aluminum Electric Percolators

Hot water type. Heavy aluminum without seams or rivets in bottom of pot. Spray top fountain pump. Metallic sealed moisture-proof heating element, guaranteed for one year. Complete with cord. Shpg. wt. 4 lbs.
V18272 - 6 Cup size
Your Cost

$2.15

White Cross 8 Cup size

V18271 Your Cost

$2.40

UNIVERSAL Electric Mixer
New Mixer, Beater. Juicer and Vegetable Cutter has greater power, more ease 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 Juicer Extractor or Vegetable Shredder or Slicer. Powerful three speed motor and beaters may be lifted from stand and used elsewhere. Beaters may be tipped back which allow them to drain. Unbreakable acid resisting porcelain enamelled mixing bowl turns itself on revolving platform. Bowls 5 1/4" and 9" in diameter, and 4 quart capacity. Height overall 14 1/2". Base 10 1/2" x 9 1/2". Contrasting color combinations of jade green with black bead bowl and lacquered jade green base. Motor enhances its ornamental quality. Operates on A. C. or D. C. Shpg. wt. 18 lbs.
V18123 Complete as described above with cutters for shredding and slicing vegetables and beverage
Your Cost

$13.95

WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave. New York
MAKE TOAST THE ELECTRIC WAY

Electro Automatic Toaster
You can't burn toast with this Automatic Toaster. Push down lever 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 tighter toast is desired, push lever in back toward letter A. If darker toast is wanted, push lever toward letter E. Equally divisible drop degrees of crumpiness. Contrasting the highly polished Chromium-Plated surfaces, the various mountings are finished in Black. Measures 6 1/2" long and 6 1/4" wide. Complete with 6 ft. of silk covered 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 lb.

Your Cost $6.95

Marion Highloft 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, with uniformity reversed 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.

Your Cost $1.65

Electric Waffle Maker
An amazing value! Makes delicious waffles, crisp and brown. Equipped with hooded hinge top, clean cut pure aluminum grids, size 5 1/2" X 5 1/2". Fibre legs that give ample clearance and protection. Heavy gauge polished wood handle. For 110 volt A. C. 105-120 volts. GUARANTEED FOR ONE YEAR. Shpg. wt. 5 lbs.

Your Cost $89.00

Dripping Grillette New!
Grooved, dripless plates, adjustable slides, equalized heating unit top and bottom and leg tips to protect the table. Air cooled. Cooking surface is 11"x6" when closed and 11 1/2" when open. Heating unit Guaranteed for one year. For 110 volts A. C. Shpg. wt. 5 lbs.

Your Cost $1.29

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 nickel wire elements. Rigid insulated handle. Wide heel post. Full chromium finish. **WILL OUT-PERFORM 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 enameled wood handle and heel rest. Genuine asbestos covered heater cord with plug and attachment cap. Highly polished chromium finish. Shpg. wt. 10 lbs.

**V18156 Your Cost** $1.69

**Hotpoint Iron**


**V1910 Your Cost** $3.46

**Marion "Chromecrest Automatic" Iron**

Unsurpassed for ease, speed and quality of ironing, we defy anyone to match this value! The idea of an adjustable automatic. Four lb. Electric Iron for less than you would expect, a comparably durable and 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 - 6 lb. Cord** $95\$\text{Y or Cost} 15\$

**Nonparal "De Luxe"**

A De Luxe 6 lb. tapered point electric iron chromium plated. Constructed, with a genuine "Chromacut" heating element and black rubberized 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 element and insulated, 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** $95\$

**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 synchronous motor. Chromium and jet black finish. Shpg. wt. 4 lbs.

**V1812 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. 6 lbs.

**V18271 Your Cost** $4.75

**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 habituating 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 as it consumes same amount of current as 30 watt bulb.

**V18111 Your Cost** 95\$

**Sealo Quick- Seal Cement**

Apply to all your electric plugs or wherever wire connections are made. Wire cannot short or pull out. Makes your distributor waterproof and eliminates stalling. Applied cold, it is a tough, non-curable, alcohol-proof, corrugated roof, heat resistant adhesive.

**P14711 Your Cost** $1.50

**Electric Razor Blade Sharpener**

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 Prokab 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. 100-125 volts. 1\% x 2\% x 3\%.

**V18133 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 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) Leather strap with wood skin in-step protectors. (5) Single adjustment and new design locking and adjusting key for toe clamps. (6) Projection-welded at all points—no rivets or bolts to rust and break. (7) Nickered finish on top of shoes with red enameled inner shells on wheels. Shpg. wt. 6 lbs.

**Model 517395-For Boys** $1.59

**Model 517396-For Girls** $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 7½ in 9½ inches. Shpg. wt. 6 lbs.

**517397 Your Cost** 99\$
AGAIN WE SAY... WE WILL NOT BE UNDERSOLD!

For 12 years Wholesale Radio Service Company has pursued a policy of giving its customers the finest values obtainable in the radio field. It has been, and is, our belief that every customer is entitled to the lowest current prices on all merchandise sold by us. Therefore we have always given our customers the benefit of all price reductions made by other mail order radio concerns, manufacturers or ourselves.

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We ask your cooperation! Please do not send in orders for less than $3.00. Mail orders for less than $2.00 cannot be profitably handled as such orders would increase our operating expenses and result in an increase in prices.

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We guarantee each and every article in this catalog to be exactly as described and warranted. We guarantee every item in accordance with the standard warranty of the Radio Manufacturers Association to operate in the manner intended by the manufacturer, and to represent full value for the price you pay, that it will reach you in perfect condition.

We will exchange or repair any merchandise returned to us that contains any mechanical or electrical imperfection in accordance with the A. A. guarantee. We pledge ourselves to exist adherence to the guarantee of the Radio Manufacturers Association.

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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

10" Oscillating Fan
For service and satisfaction this fan can not 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-radio 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.

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, double 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.

Your Cost
$4.46

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 oscillating aluminum blades are covered by an 8" guard. Enamelled 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 12". For 110 volt A. C. current, 60 cycle. Complete with cord and plug. Shpg. wt. 8 lbs.

Your Cost
$2.45

Vidrio 8" Non-Oscillating Fan
Similar to above except that it is Non-Oscillating and overall height is 11 1/2". Shpg. wt. 7 lbs.

Your Cost
$1.45

Victor No Draft Fan
With the coming of hot, muggy weather, flagging efficiency and listlessness is in only too apparent. This 12" fan equipped with rugged, dependable motor specially constructed with an oil imregnated 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 guard are silvered in contrast to black of base and motor. Shpg. wt. 15 lbs.

Similar to above 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.

Your Cost
$10.17

Cyclophone
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 dial. Measures 4 1/2 x 6 1/2 x 2 3/4". Complete with cord and plug. Shpg. wt. 3 lbs.

Similar to above except with buzzer type of base. Shpg. wt. 3 lbs.

Your Cost
$1.95

Cyclophone 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 dial. Measures 5 x 4 1/2 x 2 3/4". Complete with cord and plug. Shpg. wt. 3 lbs.

Similar to above except with bell type alarm. Shpg. wt. 3 lbs.

Your Cost
$2.27

Executive" Cyclophone 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 lighted read time in dial. Is operated by small synchronous electronic motor, connected by a gear range to the revolving wheels having time indicating the time. No complicated moving parts and no oil or attention required. Of the Bromwell Textolite (finer than Bakelite) with Oxidized Bronze decorative plate covered with glass. Size 6" long and 3 1/2" wide. Shpg. wt. 1 lbs.

Your Cost
$6.95

Have you our complete Catalog No 54? If Not Send for it.